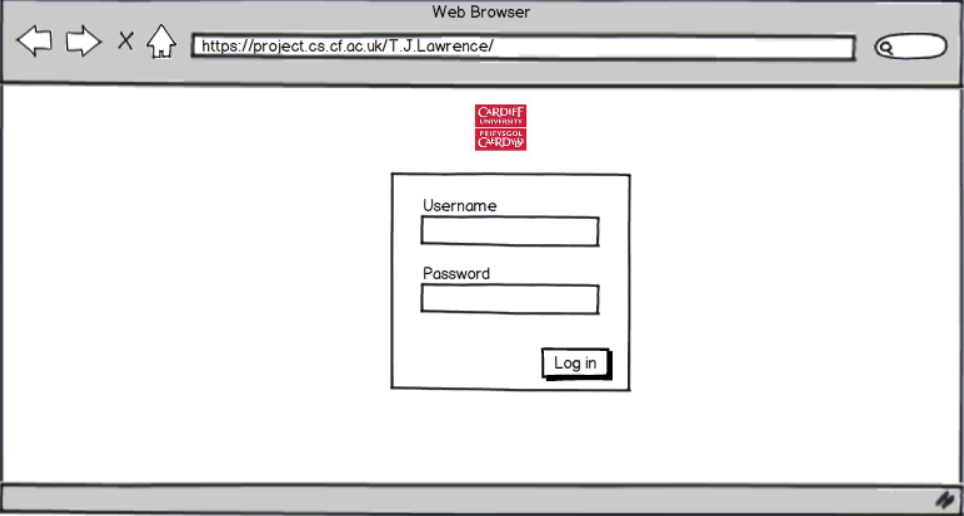
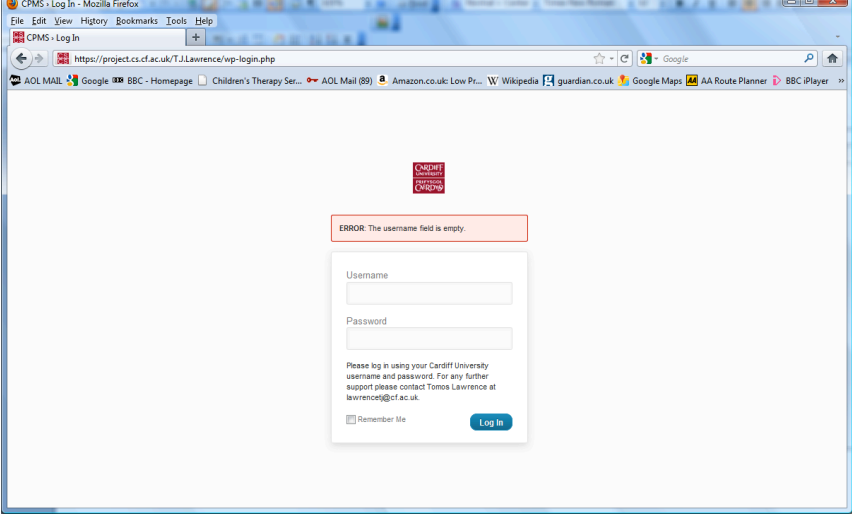
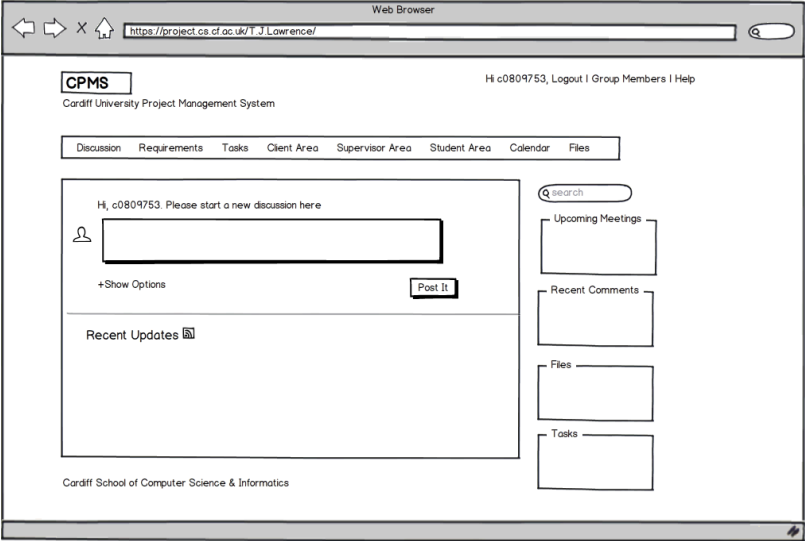
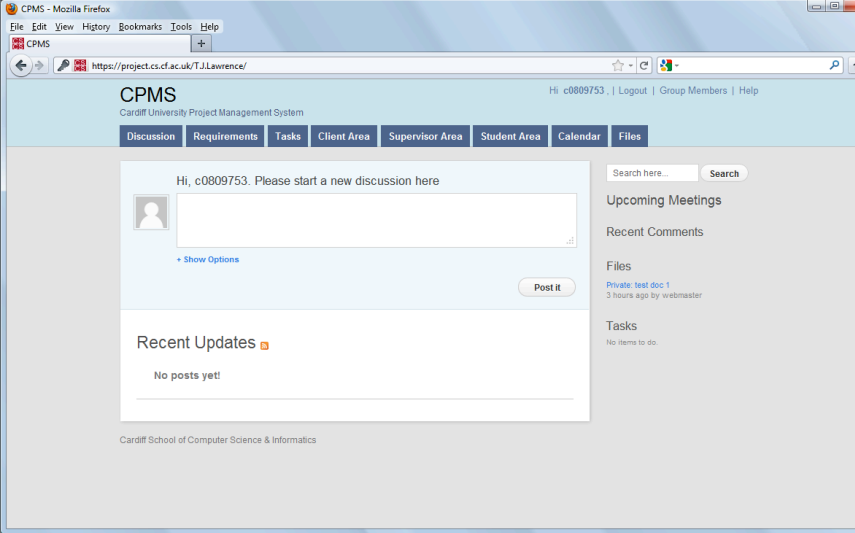


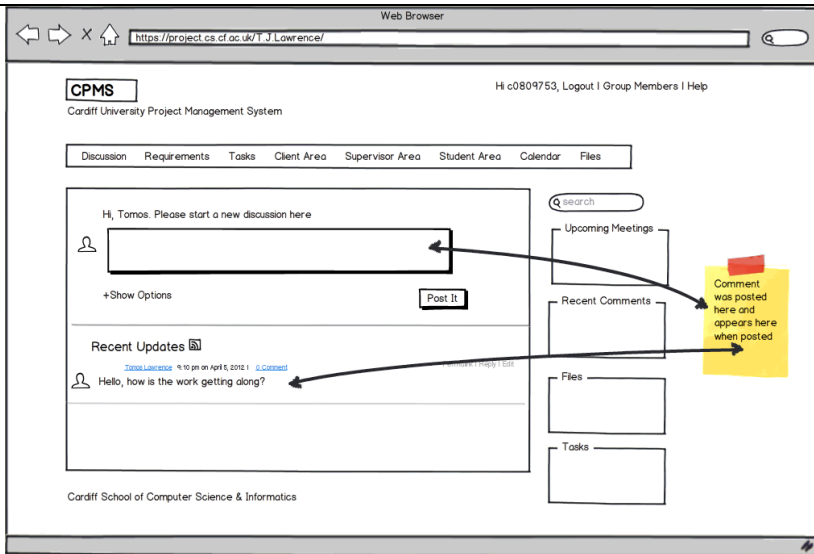
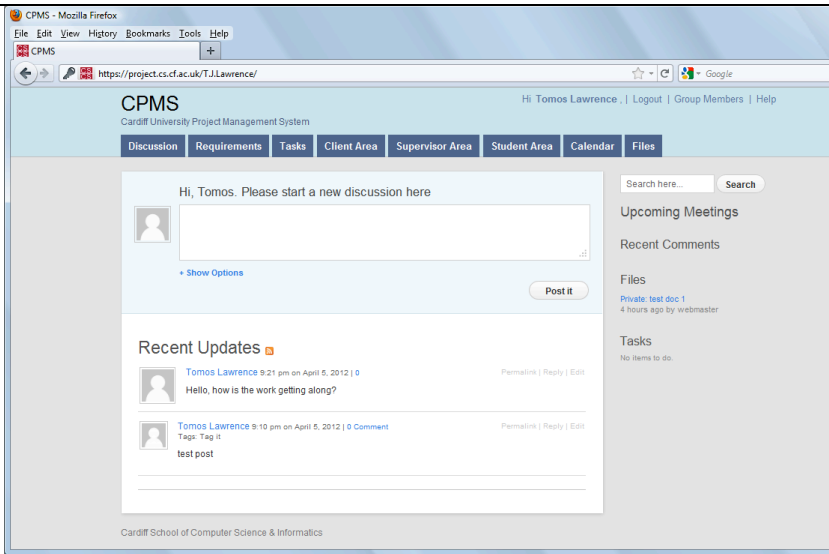
Test Case ID	Purpose	Tester	Test Environment		Test Procedure	Test Data
01	To test the functionality of software against requirement 1. [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows		Check the system provides a web-based system	Input the web address ' https://project.cs.cf.ac.uk/T.J.Lawrence ' in a web browser.
			Prerequisites	N/A		

Expected Result	Actual Result	Pass/Fail
<div></div> <p>After the URL is entered the system should bring up the login screen (/wp-login.php). A username and password form along with a log in button should be present.</p>	<div></div> <p>After the URL is entered into the system the login screen is presented (/wp-login.php). The username and password form is present along with appropriate text explaining the log in process.</p>	Pass

Test Case ID	Purpose	Tester	Test Environment		Test Procedure	Test Data
02	To test the functionality of software against requirement 1.1 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows		Check the system will authenticate users through their Cardiff username & password and log them into the system.	Input 'c0809753' into the username field and '*****' into the password field and click the log in button.
			Prerequisites	01		

Expected Result	Actual Result	Pass/Fail
<div></div> <p>The system should authenticate the username and password against Cardiff LDAP servers and log the user into the system subject to details that are input being correct. The system should then display the home page labelled 'discussion'.</p>	<div></div> <p>The system successfully authenticated the details provided and logged the user into the system. The home page 'discussion' was then displayed.</p>	Pass

Test Case ID	Purpose	Tester	Test Environment		Test Procedure	Test Data
03	To test the functionality of software against requirement 2.1 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows		To discover if the system provides group interaction by using the discussion board - test to see if a logged in user can post a new discussion.	Using the above account 'c0809753' the words 'Hello, how is the work getting along?' will be inputted into the discussion box on the home page labelled 'Please start a new discussion here'.
			Prerequisites	02		

Expected Result	Actual Result	Pass/Fail
 <p>The system should allow the user to enter the text 'Hello, how is the work getting along?' in the discussion box, and once the user clicks 'post it' the text should appear at the top of the 'recent updates' section on the discussion screen. It should include the name of the post author 'Tomos Lawrence' and the post time and date.</p>	 <p>The system allowed the user to post the text "Hello, how is the work getting along?" in the discussion box and after the 'post it' button was clicked the text appeared under recent updates along with 'Tomos Lawrence 9:21 pm on April 5, 2012'.</p>	Pass

Test Case ID	Purpose	Tester	Test Environment		Test Procedure	Test Data
04	To test the functionality of software against requirement 2.2 & 2.3 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows		To discover if the system provides group interaction by using the discussion board - test to see if another user can log in and view the discussion created in test_case_03 and reply to it.	User must log in with account 'tajburrow'. On the discussion page the user will attempt to discover the view the discussion produced in test_case_03 and click reply and enter the text 'work is going well' and click button post comment.
			Prerequisites	03		

Expected Result

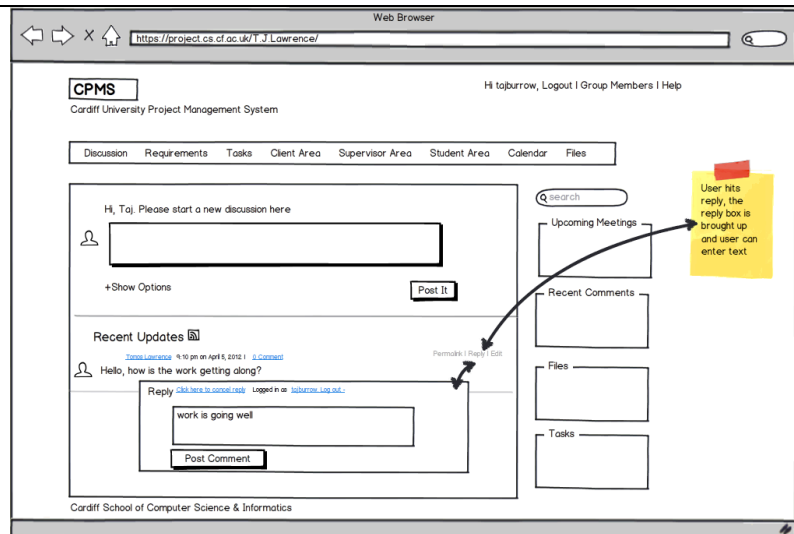
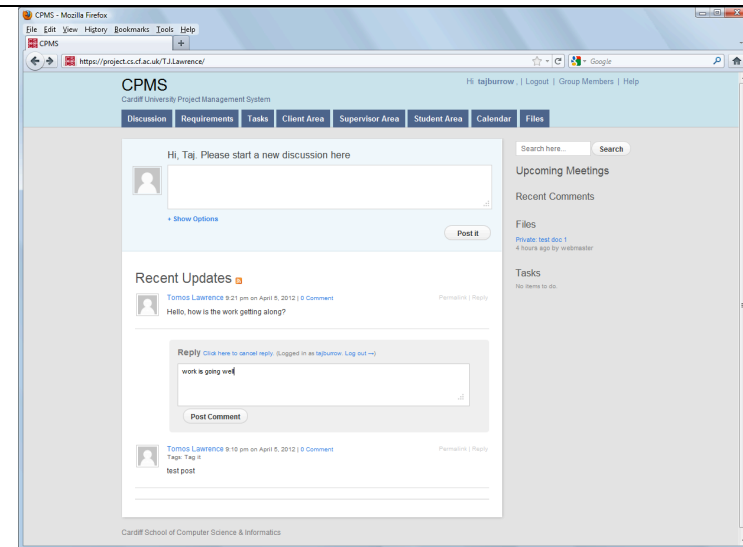


Fig 1

The system should allow the user to click on the reply button after which the 'reply comment box' should appear. This will enable the user to enter a comment and click 'post comment'.

Actual Result



The system allowed the user to successfully enter a reply in the 'reply comment box'.

Pass/Fail

Pass

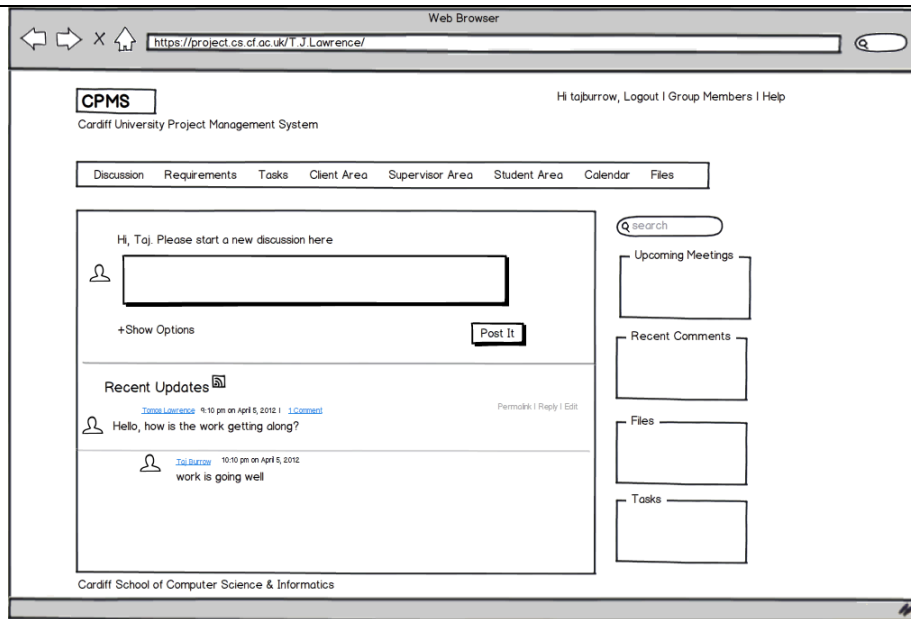
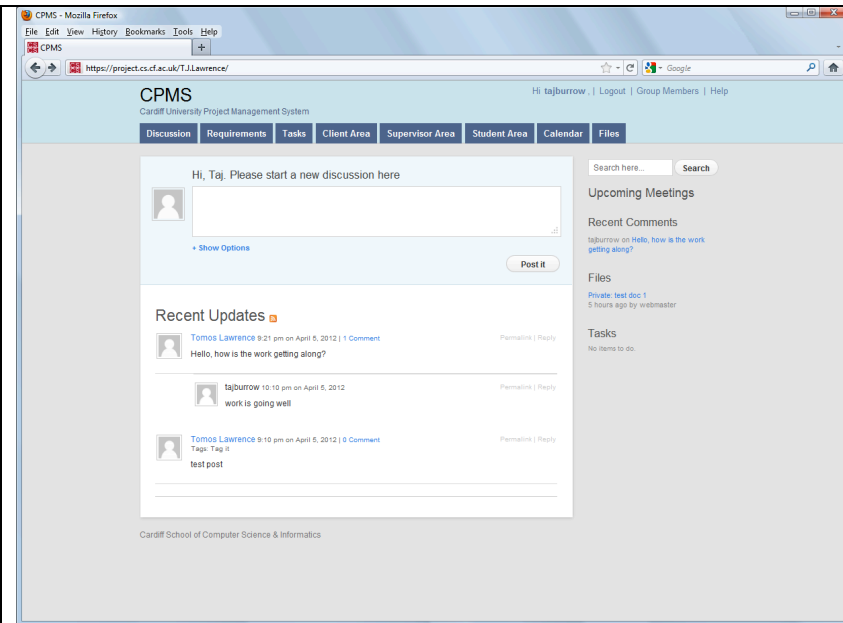


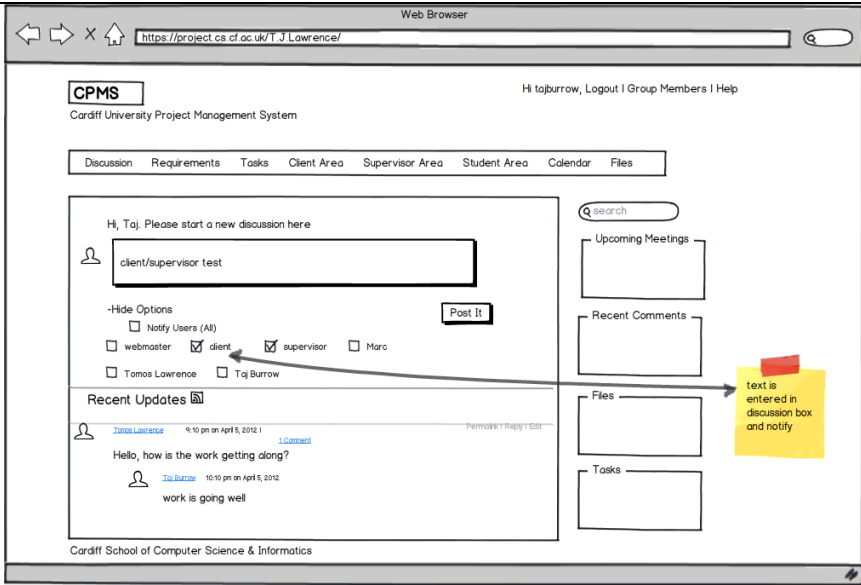
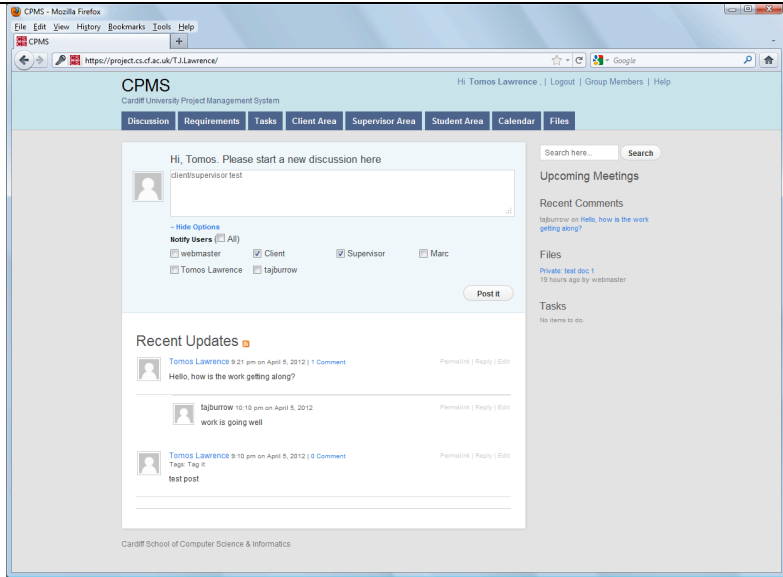
Fig 2

The system should then post the reply 'work is going well' which the user entered in the above box (Fig 1) and post it in a nested form underneath the original comment to indicate it is a reply. It will also include the name of the user who replied and the date and time of reply.

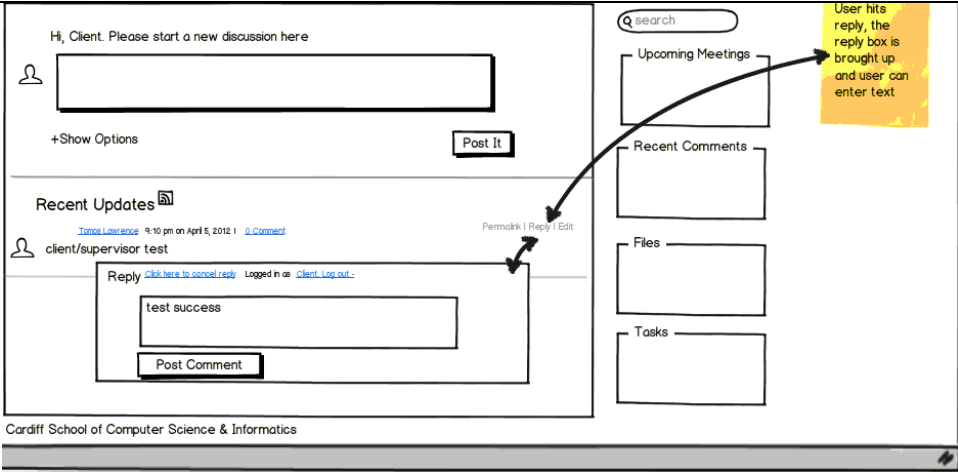
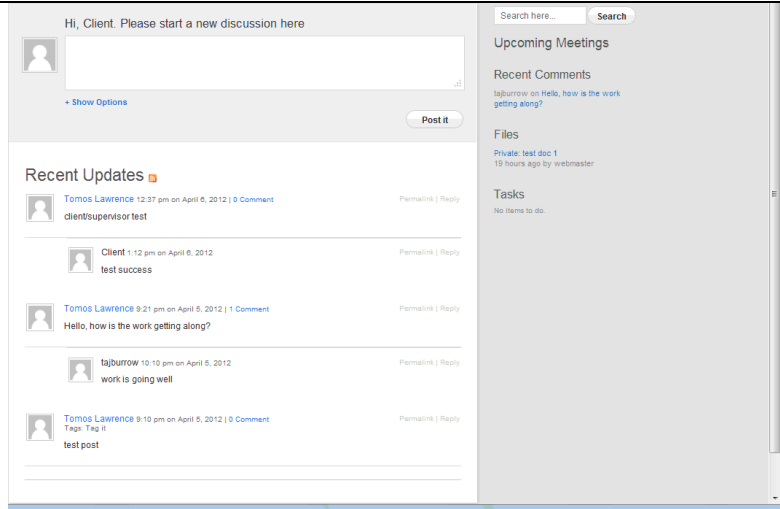


The system allowed the user to successfully post a reply which has been nested underneath the original comment 'Hello, how is the work getting along?' by Tomos Lawrence, 'Taj Burrow replied 'work is going well' at 10:10 pm on April 5, 2012.

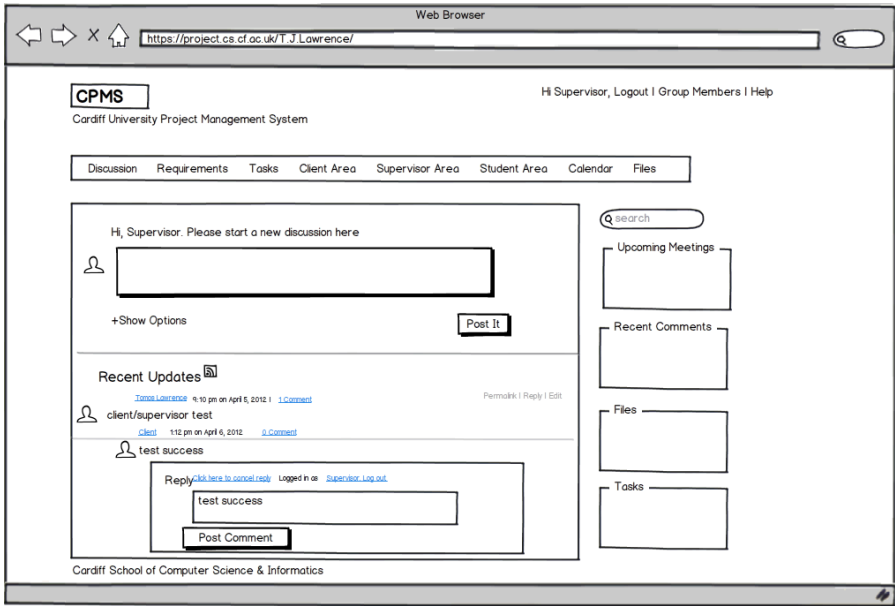
Test Case ID	Purpose	Tester	Test Environment		Test Procedure	Test Data
05A	To test the functionality of software against requirement 3.1 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows		To discover if the system provides the ability for the group to engage in discussion with the client and supervisor.	Using the account 'c0809753' the user will start a new discussion, as described in test_case_03. The user will input 'client/supervisor test' in the discussion box and click the button '+show options' and select the checkbox for both client and supervisor, and click 'post it'.
			Prerequisites	02,03		

Expected Result	Actual Result	Pass/Fail
 <p>The system should allow the user to enter a discussion (as in test_case_03) and when the show options panel is clicked a number of checkboxes should appear. After the user selects client & supervisor the discussion should appear when they log in under recent updates together with the relevant notification.</p>	 <p>The system accepted the new comment and the checkboxes for the users were selected successfully. The new discussion was then updated at the top of the recent updates feed.</p>	Pass

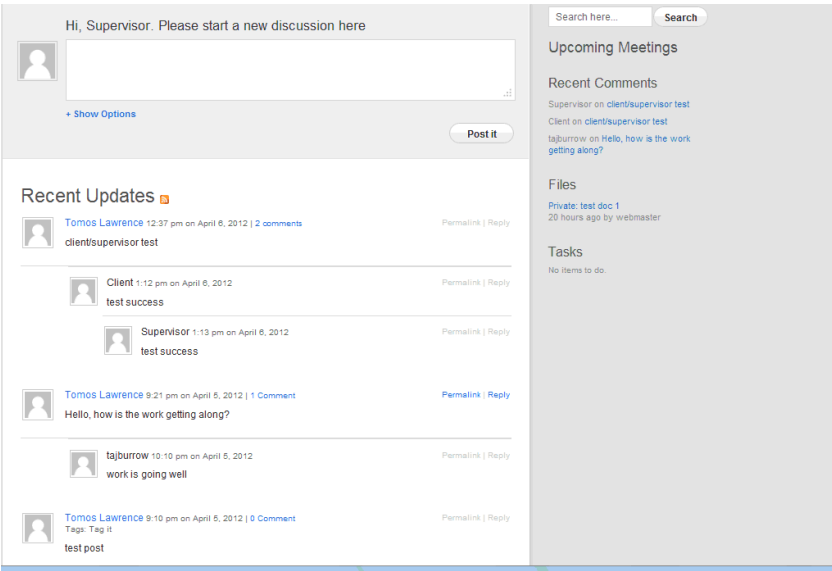
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
05B	To test the functionality of software against requirement 3.1 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides the ability for the group to engage in discussion with the client and supervisor.	Using the account 'client' and 'supervisor' the user will login and check that they can discover the discussion posted in test_case_05 and both users will reply 'test success' using the same method of replying as shown in test_case_04

Expected Result	Actual Result	Pass/Fail
 <p>Above: The 'client' user should be successfully logged in, and should be able to see the discussion posted in test_case_5A. The 'client' should be able to click the reply button after which the reply box should appear. Once the 'client' enters the text 'test success' and clicks the 'post comment' button the reply should be posted underneath the original discussion posted by Tomos Lawrence.</p>	 <p>Above: The system allowed the user 'client', to successfully see the post created in test_case_5A and allowed the client to post a reply which has been nested underneath the original discussion. The client was also notified by email detailing the comments posted (tests can be found AAAA).</p>	Pass

Below: The supervisor should be successfully logged in, and should be able to see the discussion posted in test_case_5A and the reply posted by the client in test_case_5B (above). The supervisor should be able to click the reply button (on the clients reply) and the reply box should appear. Once the supervisor enters the text ‘test success’ and clicks the ‘post comment’ button the reply should be posted and nested underneath the reply comment from the client as shown below.



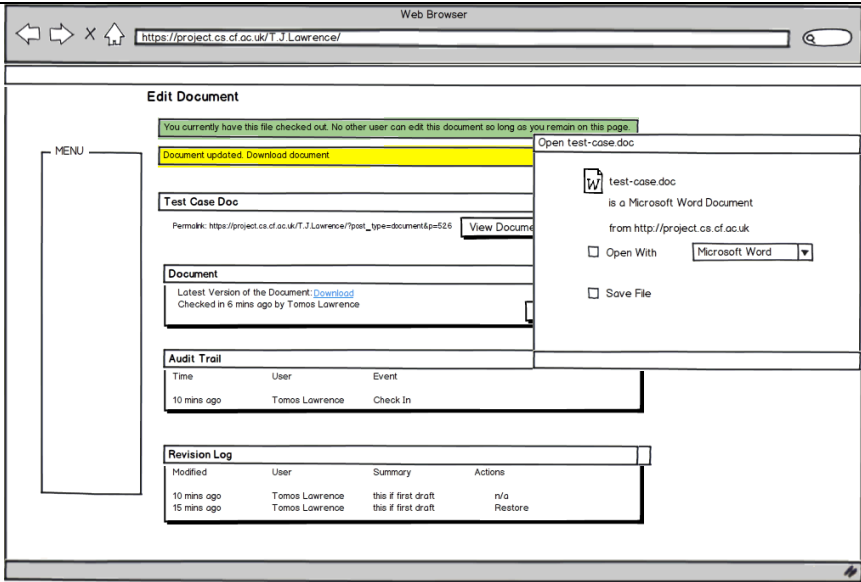
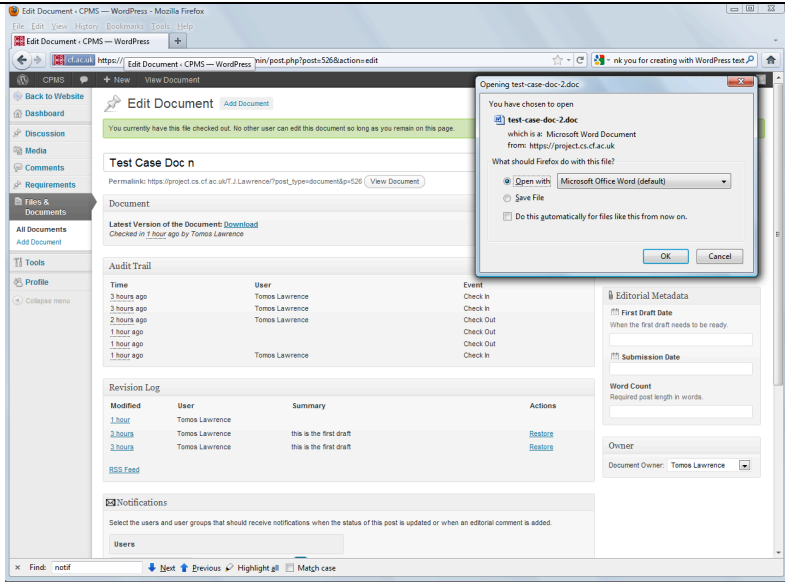
Below: The system allowed the user ‘supervisor’ to successfully see the post created by the user in test_case_5A and the reply by the client user created in test_case_5B. The system allowed the supervisor to post a reply which has been nested underneath the client user’s reply which is nested underneath the original discussion. The supervisor was also notified by email detailing the comments posted (tests can be found AAAA).



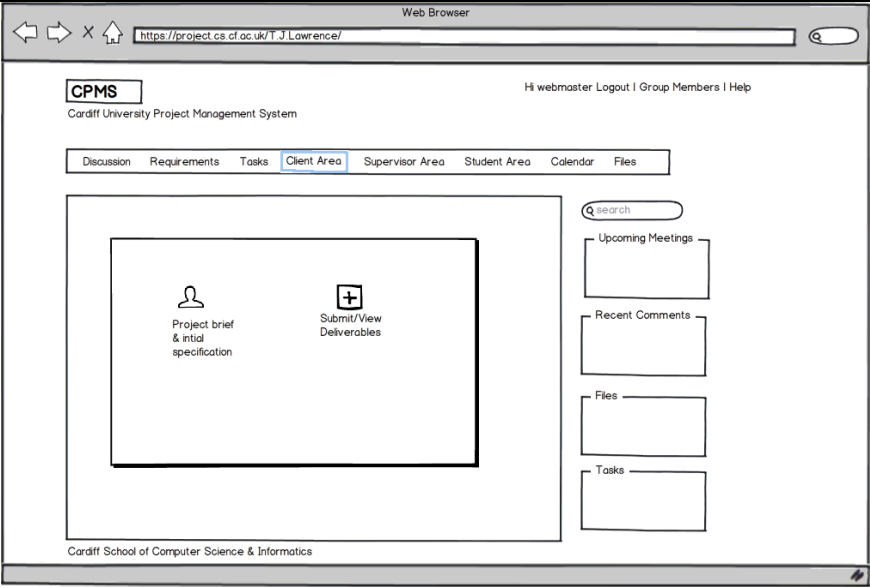
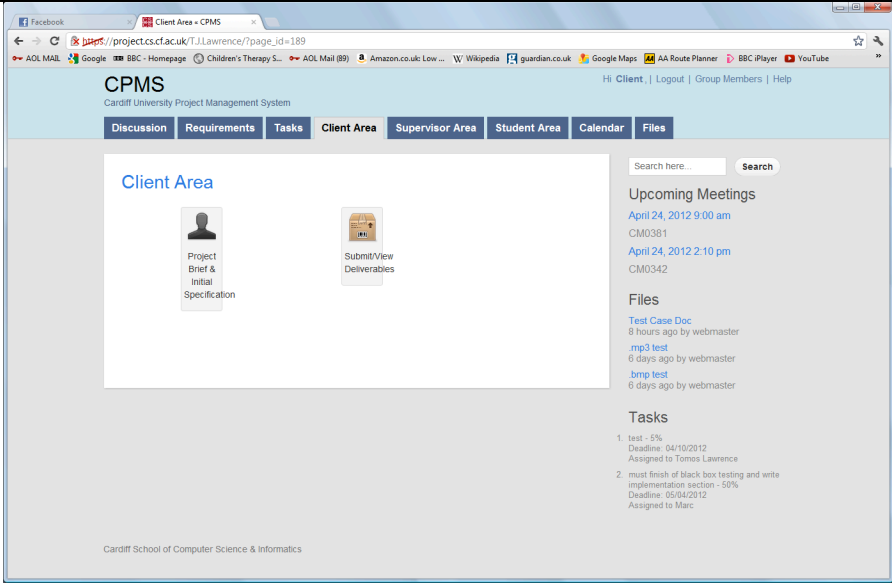
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
06A	To test the functionality of software against requirement 3.2 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides the ability for the group to share documents with the client/supervisor.	Using the account ‘c0809753’ the user will log in and click the ‘files’ tab on the navigation bar. When directed to the files page the user will then click ‘add document’. Here the user will enter a document title ‘Test Case Doc’ and click ‘upload new document’. Finally the user will add the text ‘this is the first draft’ under the revision summary field, and then click the update button.

Expected Result	Actual Result	Pass/Fail
<div data-bbox="132 553 1034 1166"> </div> <div data-bbox="73 1208 1070 1378"> <p>The system should allow the user to navigate to the ‘files’ page from there the user should be allowed to add the document title, upload the document and add the revision summary. When the user clicks update they should be shown the screen above. This screen shows a summary of the document revisions and full audit trail along with facility to re-download of add new version of the doc.</p> </div>	<div data-bbox="1122 553 1937 1158"> </div> <div data-bbox="1122 1197 1937 1370"> <p>The system successfully allowed the user to navigate to the ‘files’. The user c0809753 then added the title ‘test case doc’ and uploaded a new document ‘test-case-2.doc’ and added the comment ‘this is the first draft’. Once the user clicked ‘update’ they were successfully shown on the screen above.</p> </div>	<div data-bbox="1966 509 2078 539"> <p>Pass/Fail</p> </div> <div data-bbox="1966 557 2018 582"> <p>Pass</p> </div>

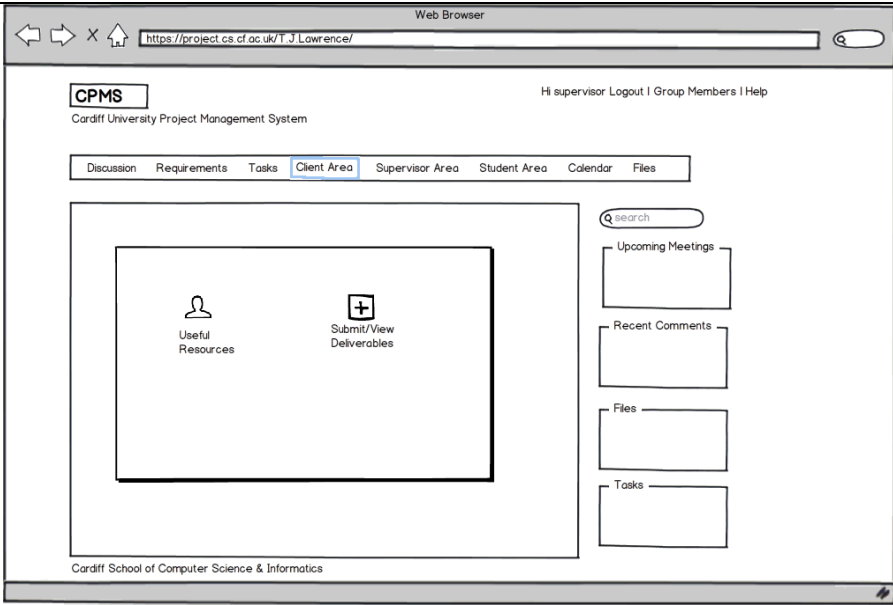
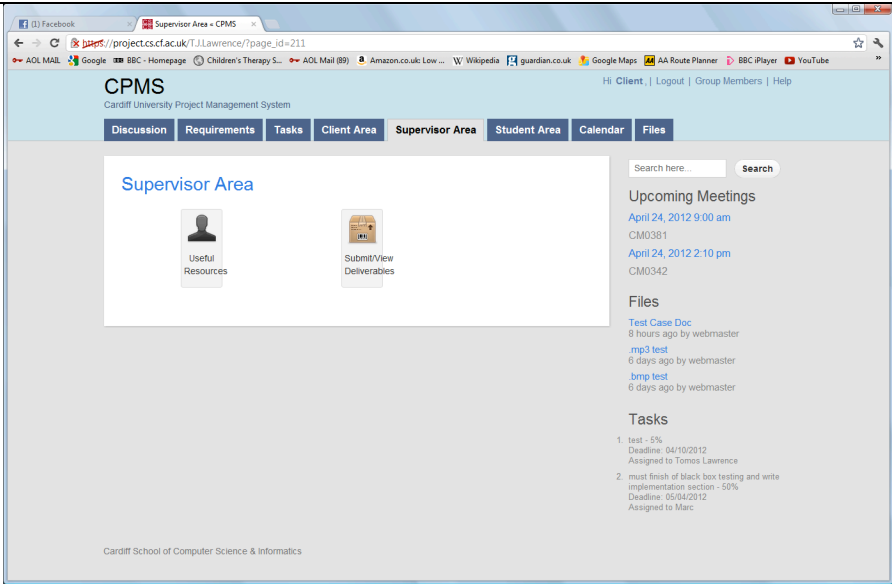
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
06B	To test the functionality of software against requirement 3.2 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides the ability for the client/supervisor to see shared documents uploaded by the group.	Using the account ‘Client’ the user will log in and click the ‘files’ tab on the navigation bar. When brought to the files page the client user will view the available files and open the document ‘test case doc.’ uploaded in test_case_06A

Expected Result	Actual Result	Pass/Fail
<div></div> <p>The client should be able to navigate to the files page and see the document ‘Test Case Doc’ in the files overview. The client should then be able to click on ‘Test Case Doc’ and the above page should appear. Once the client clicks on ‘download’ an open/save box should appear and file can be downloaded.</p>	<div></div> <p>The client was able to navigate to the ‘files’ page. Having done so the client user was able to see the ‘test case doc’ and to subsequently click on it. Once at the edit document page, the client was able to successfully download the document.</p>	Pass

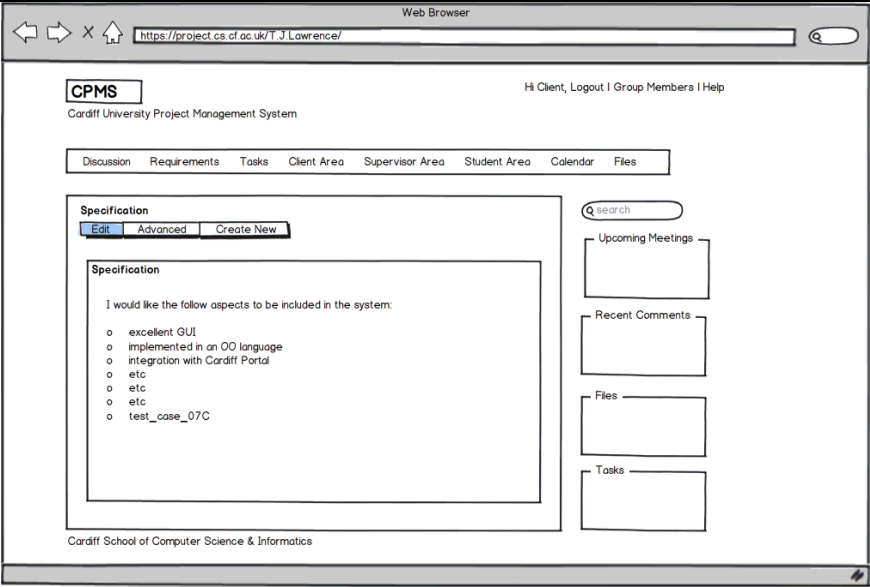
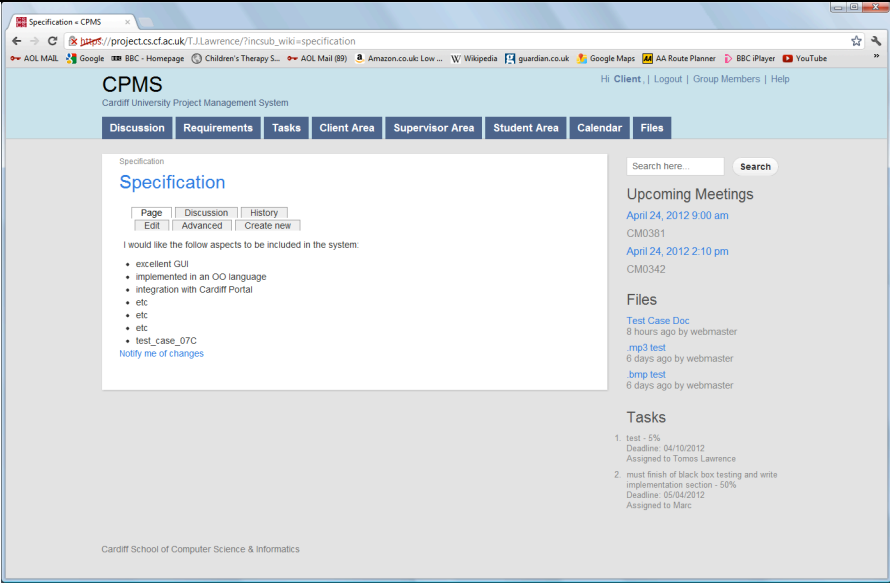
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
07A	To test the functionality of software against requirement 3.3 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome- Windows	To discover if the system provides a dedicated area for the client.	Using the account 'Client' the user will log in and click the 'client area' page.

Expected Result	Actual Result	Pass/Fail
 <p>The client or any other user should be able to access the page 'client area' and select one of the available icons if desired.</p>	 <p>The client successfully opened the page 'client area' and could successfully select the icon labelled 'project brief and intial specification' which is continued in test_case_7C.</p>	Pass

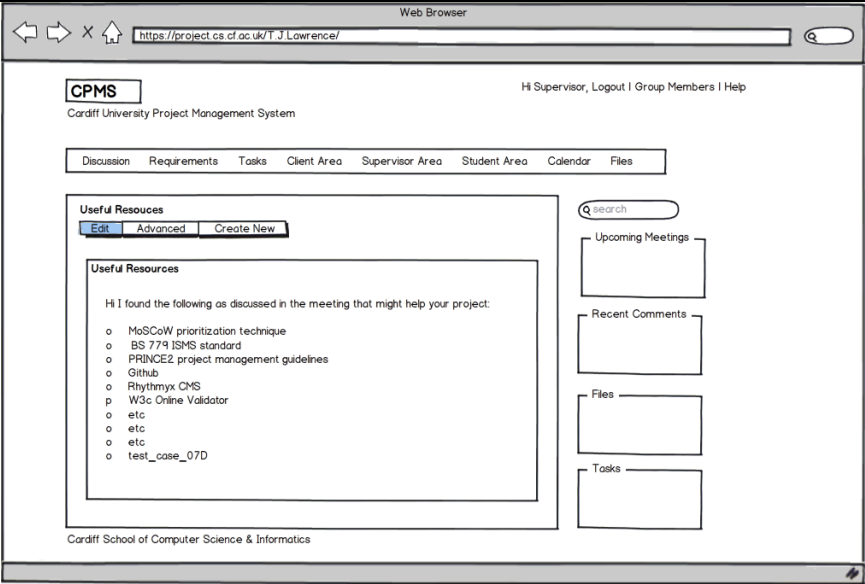
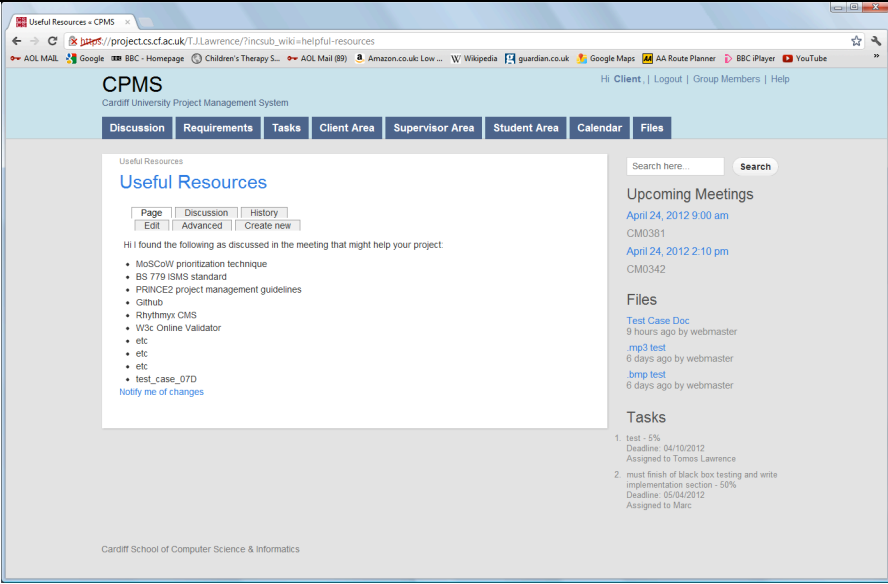
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
07B	To test the functionality of software against requirement 3.3 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome- Windows	To discover if the system provides a dedicated area for the supervisor.	Using the account ‘Supervisor the user will log in and click the ‘Supervisor area’ page.

Expected Result	Actual Result	Pass/Fail
 <p>The supervisor or any other user should be able to access the page ‘supervisor area’ and select one of the available icons if desired.</p>	 <p>The supervisor successfully opened the page ‘supervisor area’ and could successfully select the icon labelled ‘useful resources’ which is continued in test_case_7D.</p>	Pass

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
07C	To test the functionality of software against requirement 3.3.1[Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome- Windows	To discover if the system provides the facility for the client to post specific project information.	Continuing from test_case_07A. The client will be on the ‘project brief and initial specification’ page. The client user should select the edit button at the top of the information and input the text ‘test_case_07C’ in the visual editor and select the save button.

Expected Result	Actual Result	Pass/Fail
<div></div> <p>The client should have been able to edit the page, add the text ‘test_case_07C’ and select save. The new text should appear in the frontend view of the page.</p>	<div></div> <p>The client was successfully edit the page and added the text ‘test_case_07C’ item to the list. The new input appears in the frontend.</p>	Pass

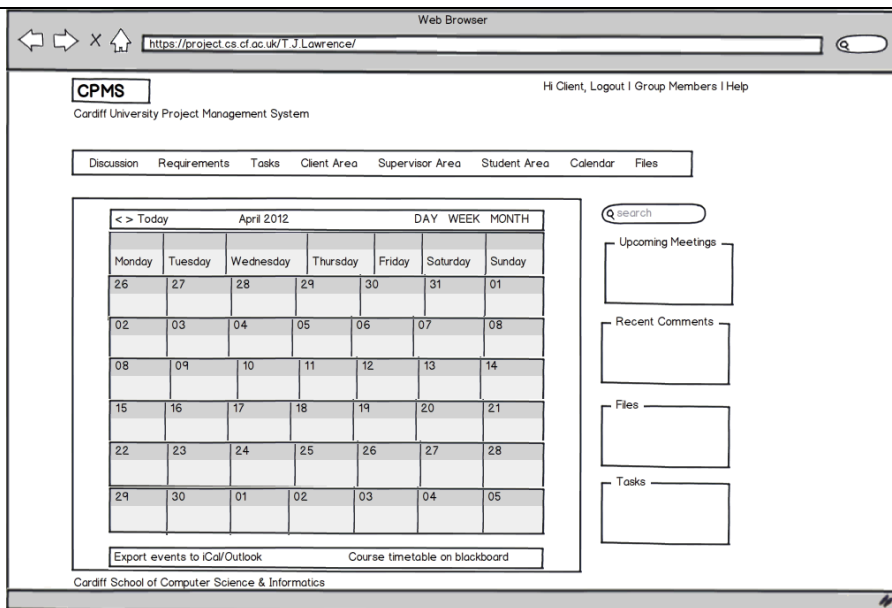
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
07D	To test the functionality of software against requirement 3.3.1[Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome- Windows	To discover if the system provides the facility for the supervisor to post specific project information.	Continuing from test_case_07B. The supervisor will be on the ‘useful resources page. The supervisor user should select the edit button at the top of the information and input the text ‘test_case_07D’ in the visual editor and select the save button.

Expected Result	Actual Result	Pass/Fail
<div></div> <p>The supervisor should have been able to edit the page, add the text ‘test_case_07D’ and select save. The new text should appear in the frontend view of the page.</p>	<div></div> <p>The supervisor was successfully edit the page and added the text ‘test_case_07D’ item to the list. The new input appears in the frontend.</p>	Pass

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data	
08	To test the functionality of software against requirement 3.4[Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome- Windows	To discover if the group, client and supervisor have different access rights.	This feature was not implemented	
						Pass/Fail
N/A				N/A		Fail

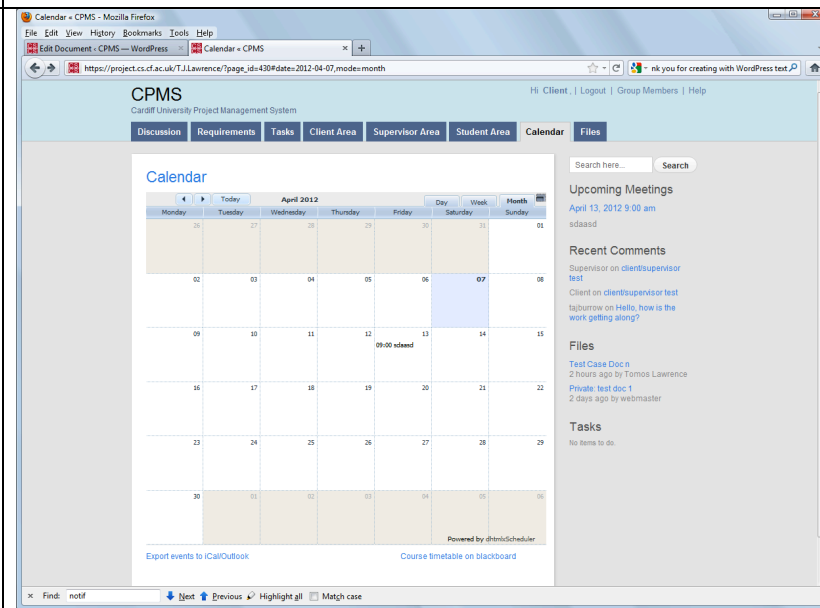
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
09	To test the functionality of software against requirement 4 & 4.1 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides group members with current information about group meetings.	Using the account 'c0809753' the user will log in and click the 'calendar' tab on the navigation bar. On the calendar page the user will review all entries to see if any meetings have been arranged for example on Apr 13th – meeting at C/2.04 at 9:00

Expected Result



Any user should be able to navigate to the 'calendar' page and should be presented with the calendar interface.

Actual Result



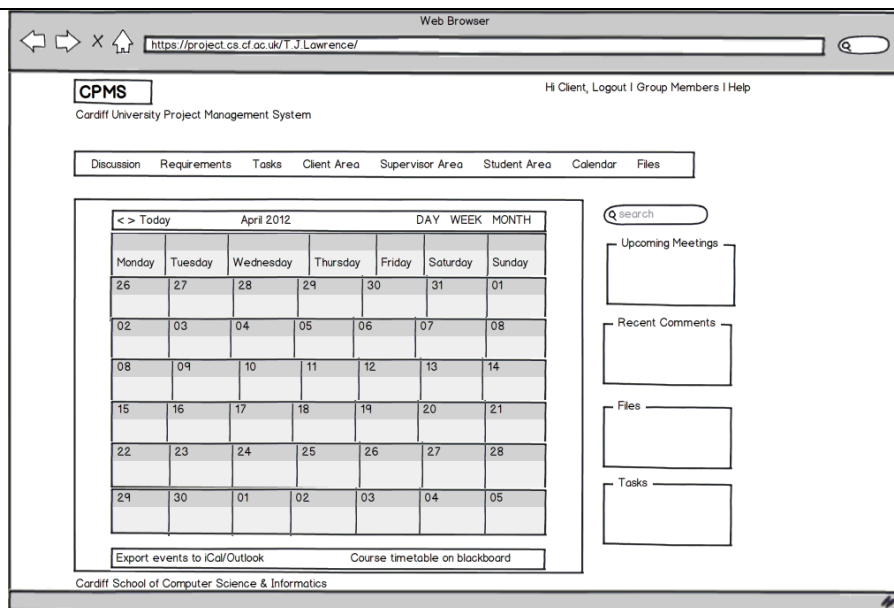
The user c0809753 was able to navigate to the 'calendar' page and was able to see the above calendar interface. Any events in the calendar are marked in bold to make them stand out e.g. Apr 13th – meeting at C/2.04 at 9:00.

Pass/Fail

Pass

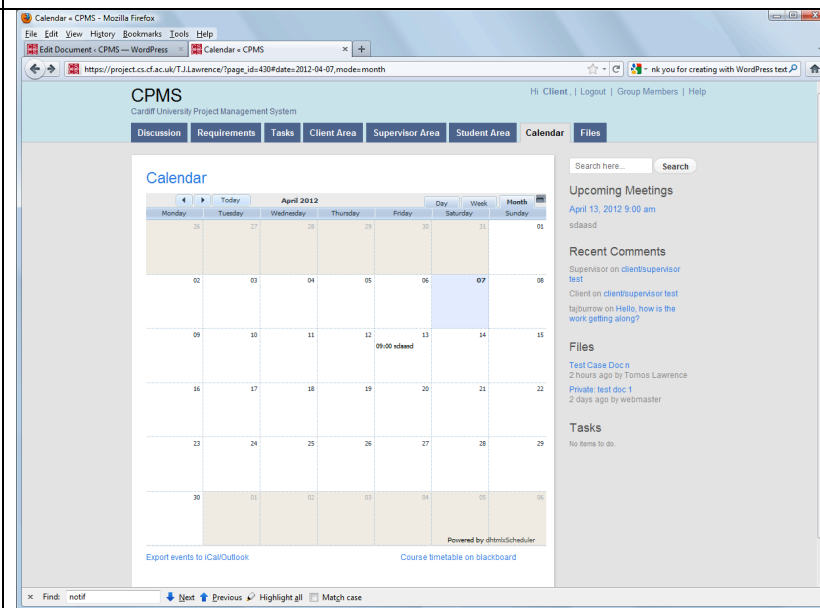
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
10	To test the functionality of software against requirement 4.1 & 4.1.1 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides group members with current information about group meetings in a calendar form	Using the account 'c0809753' the user will log in and click the 'calendar' tab on the navigation bar. On the calendar page the user will review manually to see if any meetings have been arranged for example on Apr 13th – meeting at C/2.04 at 9:00

Expected Result



Any user should be able to navigate to the 'calendar' page and should be presented with the calendar interface.

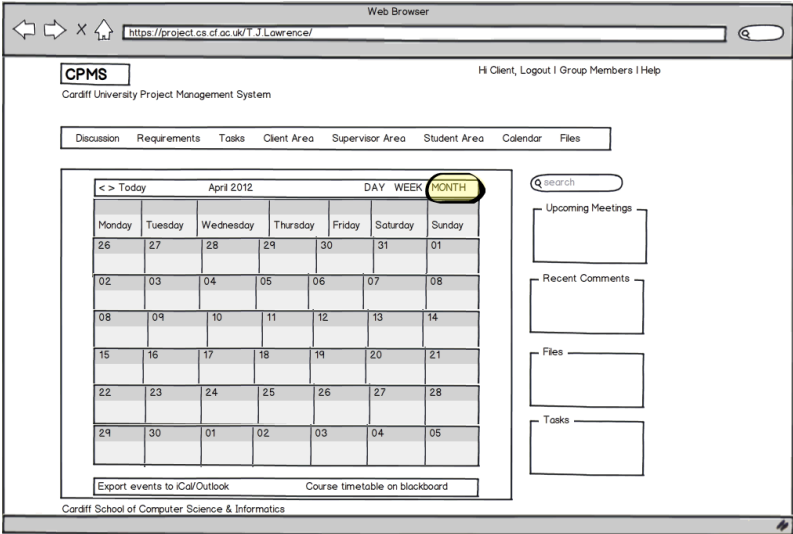
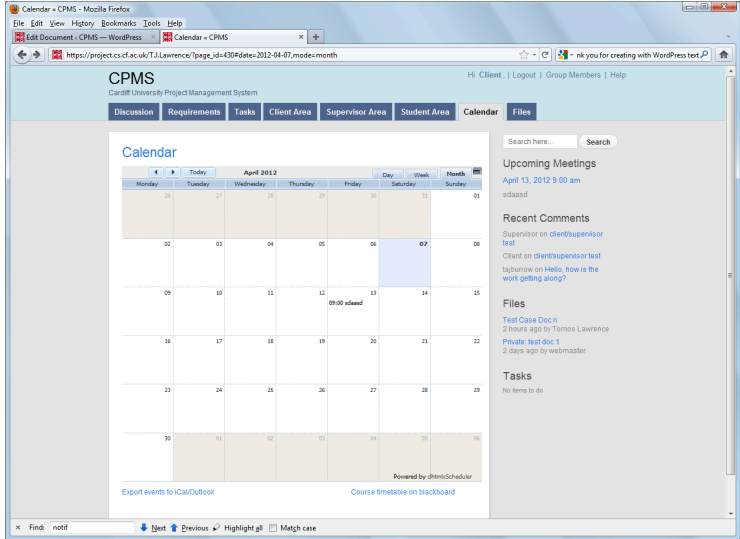
Actual Result

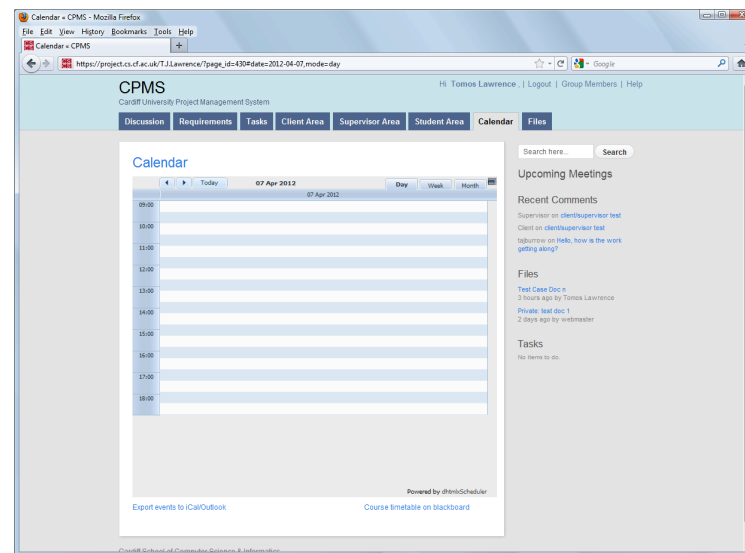
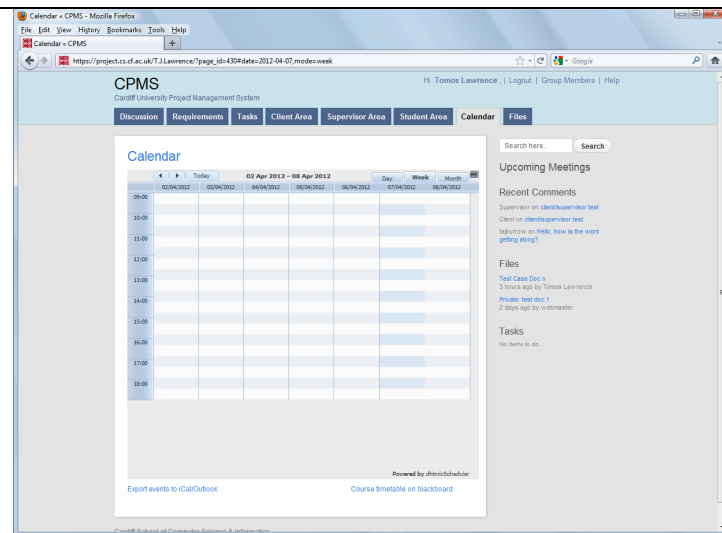
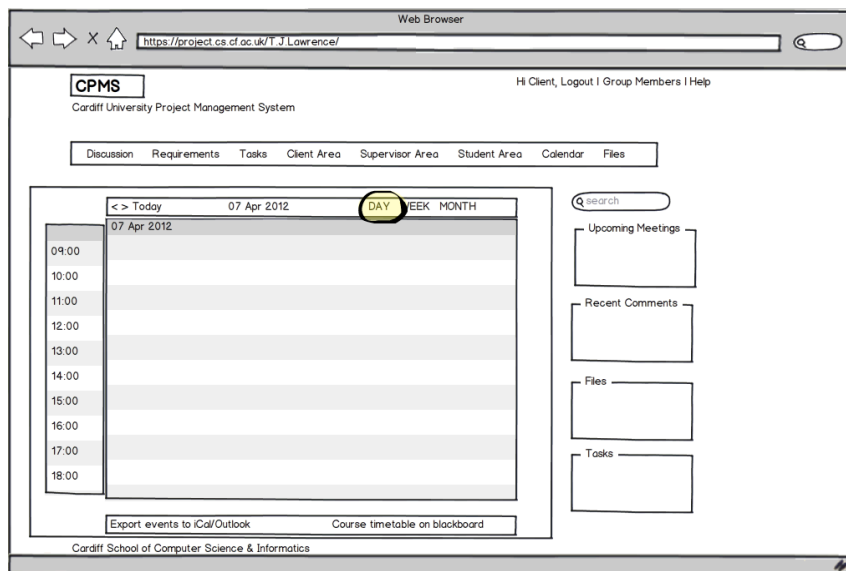
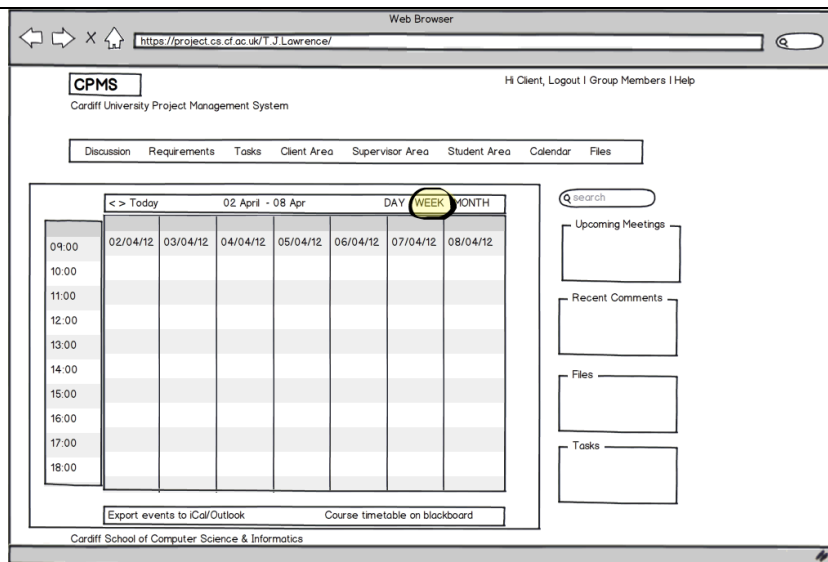


The user c0809753 was able to navigate to the 'calendar' page and was able to see the above calendar interface. Any events in the calendar are marked in bold to make them stand out e.g. Apr 13th – meeting at C/2.04 at 9:00.

Pass/Fail

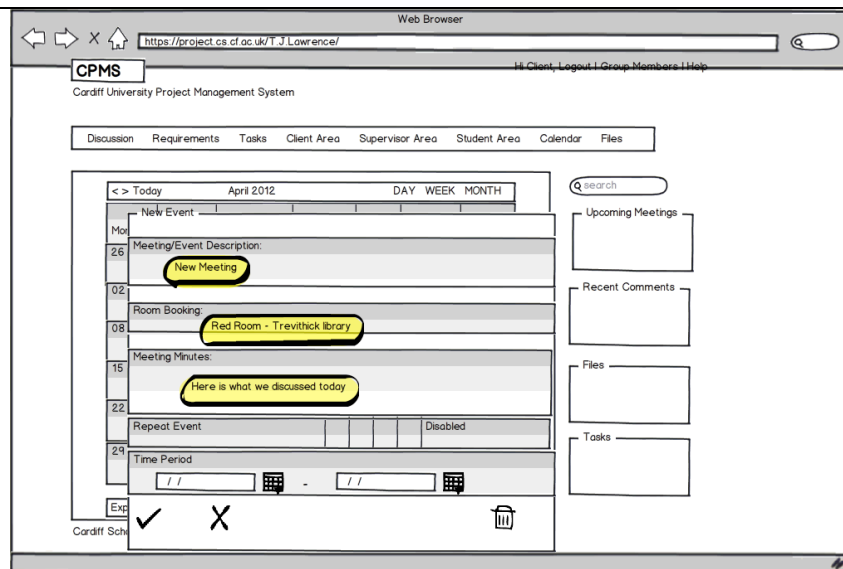
Pass

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
11	To test the functionality of software against requirement 4.1 & 4.1.1 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides group members with current information about group meetings in a calendar form with a daily/weekly/monthly overview	Using the account ‘c0809753’ the user will log in and click the ‘calendar’ tab on the navigation bar. On the calendar page the user will first click on ‘month’ for monthly calendar view, ‘week’ for weekly calendar view and ‘day’ for daily calendar view.
Expected Result				Actual Result	Pass/Fail
After the user clicks on the calendar they should be able to select the view they prefer ‘month’, ‘week’ or ‘day’ (highlighted in yellow) having done so, expect to see the corresponding interface as shown in the 3 diagrams below..				The user was able to successfully view and use the calendar in all 3 optional views, specifying ‘month’, ‘week’ or ‘day’ as required. The successful results are shown below in the three relevant screen captures.	Pass
					



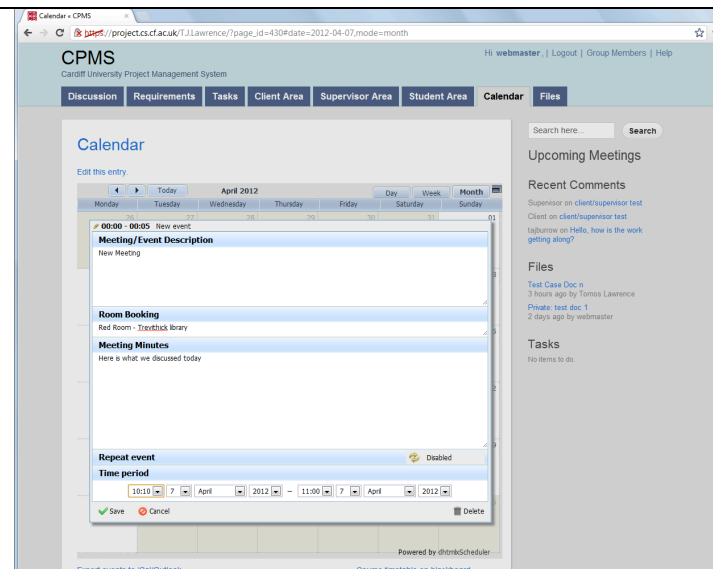
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
12	To test the functionality of software against requirement 4.1 & 4.1.2 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides group members with current information about group meetings together with the location and date and time of the meetings.	Using the account 'c0809753' the user will log in and click the 'calendar' tab on the navigation bar. On the calendar page the user will double click on 07 Apr and the add new event screen will appear. Under the Meeting/Description tab the user will enter 'new meeting'. Under the room booking tab the user will enter 'red room - Trevithick library'. Under the meeting minutes tab the user will enter 'Here is what we discussed today'. Finally under the time period tab the user will select the date and time '10:10 7 April 2012' start and '11:00 7 April 2012' end time.

Expected Result



The user should expect the add event screen to appear, and to be able to input the test date in the required fields without any issues, and subsequently be able to save to event. The event should then be added to the calendar

Actual Result

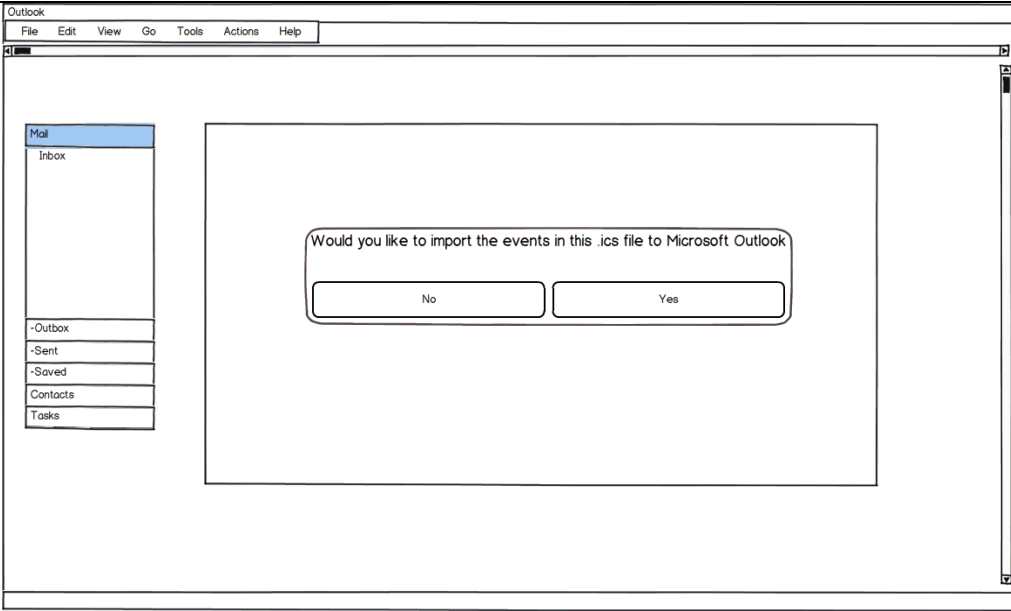
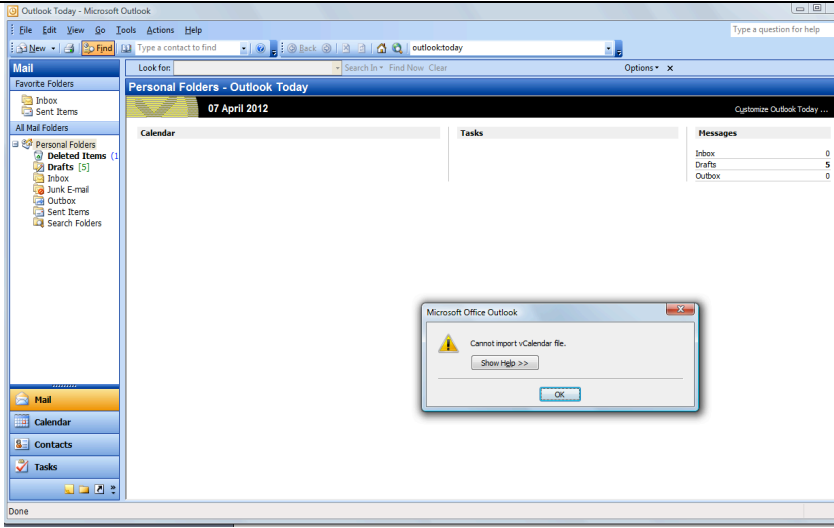


The user was successfully able to load the event screen, add the test date and save the event. The new event on 7 April 2012 is now visible on the calendar view.

Pass/Fail

Pass

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
13	To test the functionality of software against requirement 4.1 & 4.1.3 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides group members with current information about group meetings and if the system provides the ability to export calendar events to calendar applications.	Using the account 'c0809753' the user will log in and click the 'calendar' tab on the navigation bar. On the calendar page the user will navigate to the button of the calendar and click the hyperlink beneath labelled 'Export events to iCal/Outlook'

Expected Result	Actual Result	Pass/Fail
 <p>The downloaded file from the calendar page should be imported into Microsoft Outlook/iCal and the events should be added to the calendar.</p>	 <p>An error occurs 'cannot import vCalendar file' both in Microsoft Outlook, Google Calendar & iCal.</p>	Fail

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
14	To test the functionality of software against requirement 4.1 & 4.1.4 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides group members with current information about group meetings and if the system provides the ability to repeat events	Using the account 'c0809753' the user will log in and click the 'calendar' tab on the navigation bar. On the calendar page the user will navigate to calendar and find the 'new meeting' event created in test_case_12 and double click on it. The user will navigate to the 'repeat events' tab and click 'on the disabled icon' which will allow selection for a repeat event. The user will then select the radio button 'weekly' to repeat the event weekly and end by radio button 'no end date' to repeat the event until its manually cancelled.

Expected Result

The user should be able to edit the exiting event created in test_case_12 and navigate to 'repeat events' tab and click 'on the disabled icon' which will allow

Actual Result

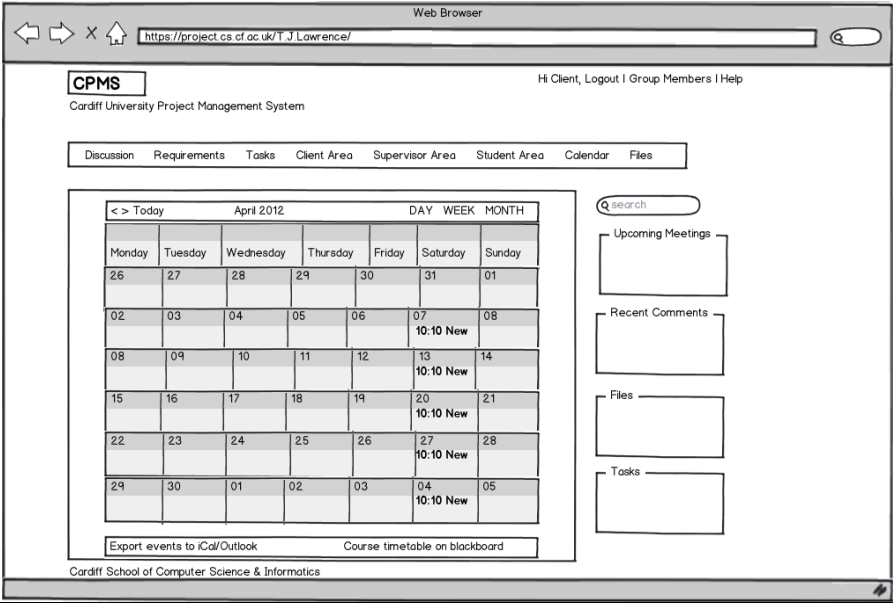
The user was successfully able to edit the event and add repeat it every week.

Pass/Fail

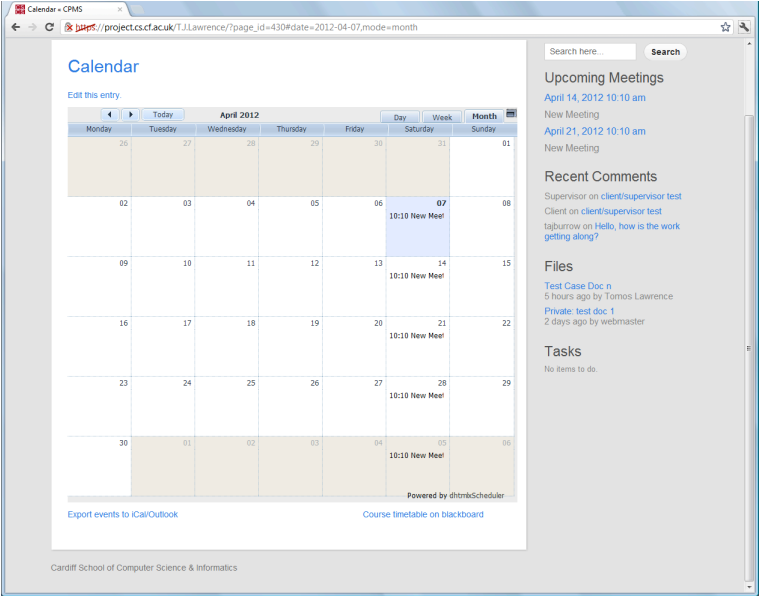
Pass

selection for a repeat event. The user should then be able to select the radio button ‘weekly’ and end by date by selecting the radio button ‘no end date’.

When the user clicks the ‘tick’ icon submitting the changes the calendar should reflect the repeated meetings as shown below.

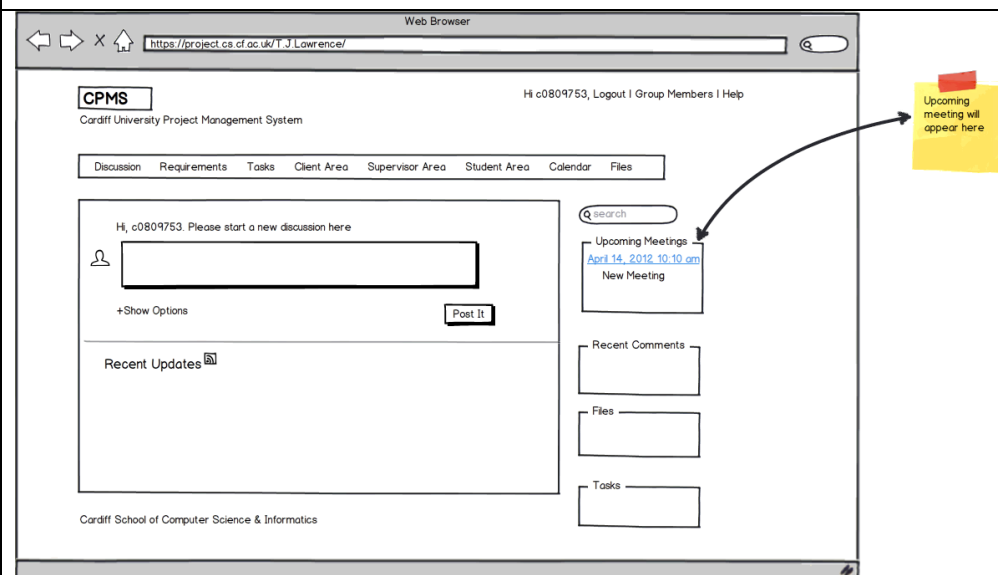


When the user submitted the changes, the calendar interface was updated and successfully showed the repeated events.



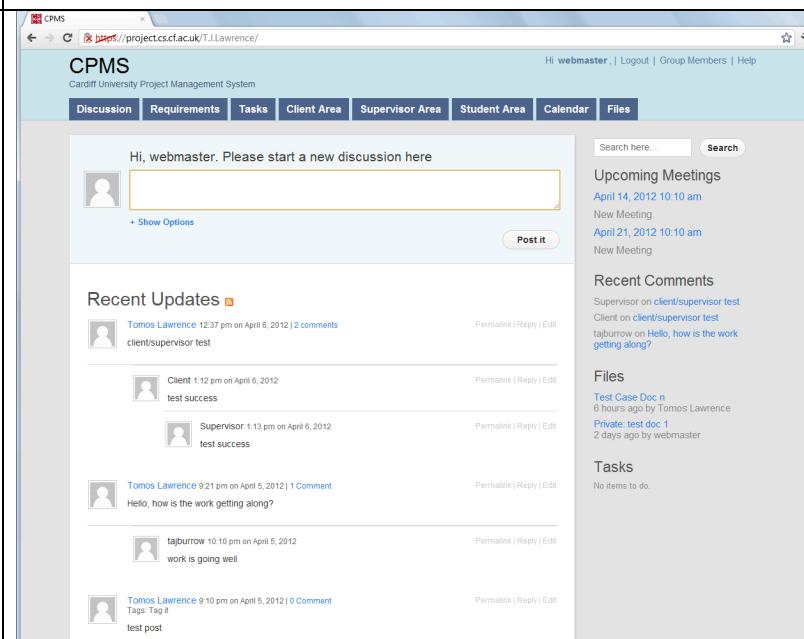
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
15	To test the functionality of software against requirement 4.2[Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides group members with current information in regards to upcoming meetings/events.	Using the account 'c0809753' the user will log in. On any page the user should see the right sidebar menu labelled 'upcoming meetings'. For the purposes of this test the user will go to the 'home' page and navigate to the right sidebar.

Expected Result



The user should see a menu in the right sidebar. This menu should contain a chronological list of upcoming meetings with the next scheduled meeting presented at the top of the list.

Actual Result



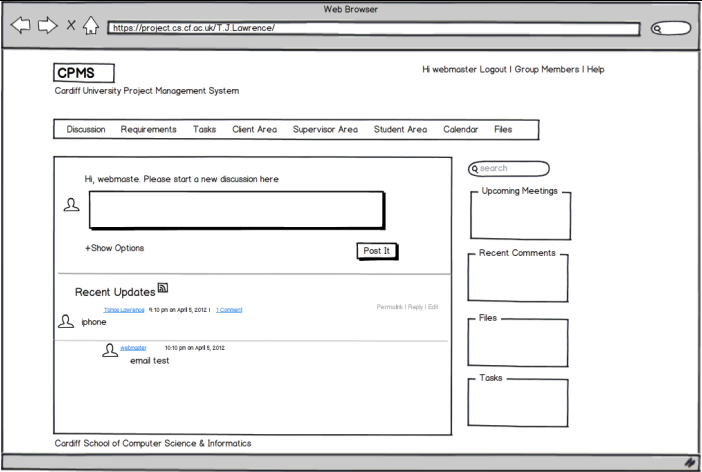
The user can successfully see the upcoming meetings list in the right sidebar. The next scheduled meeting appears at the top of the list.

Pass/Fail

Pass

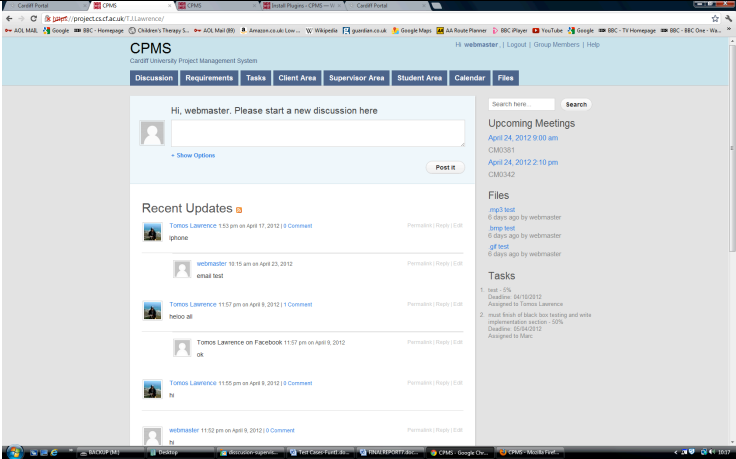
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
16	To test the functionality of software against requirement 5 & 5.1 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome- Windows	To discover if the system provides email notifications of changes to group discussion	Using account ‘webmaster’ the user will log in and on the discussion page will navigate to the most recent new discussion. Having done so the user will reply ‘email test’. The original user who posted the discussion will log on their linked email account ‘c0809753@cf.ac.uk’ to verify that the email notification has been received.

Expected Result



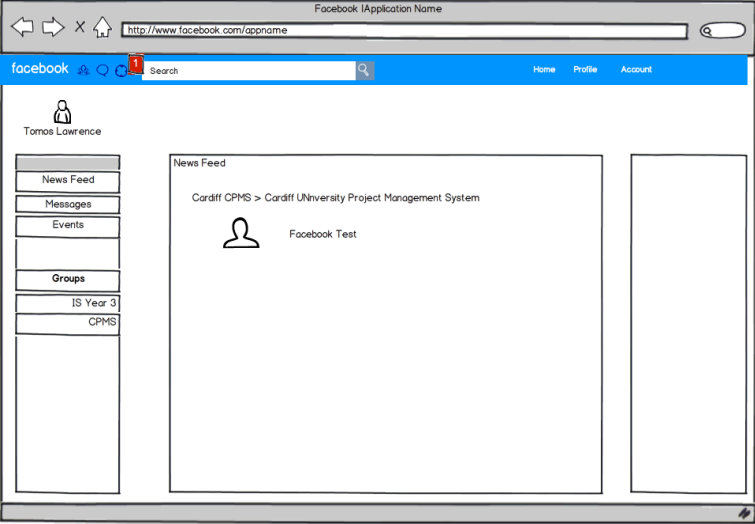
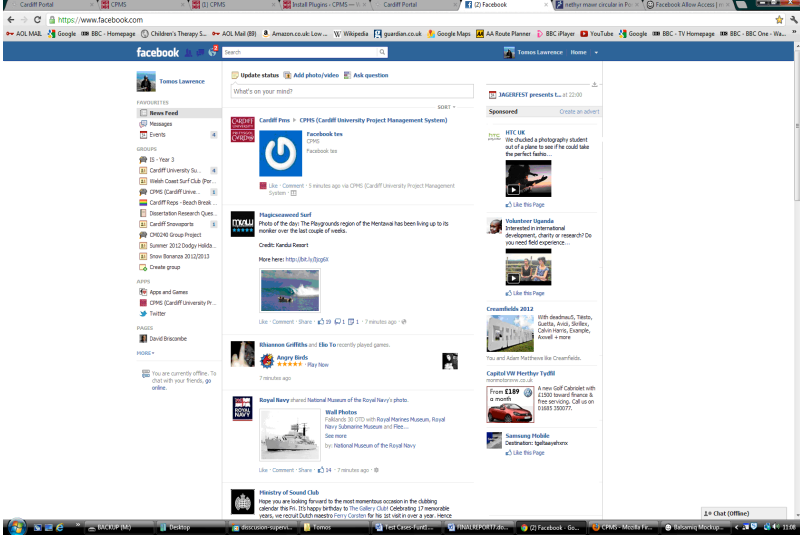
The reply should be added under the ‘recent updates’ section under ‘iPhone’ discussion.

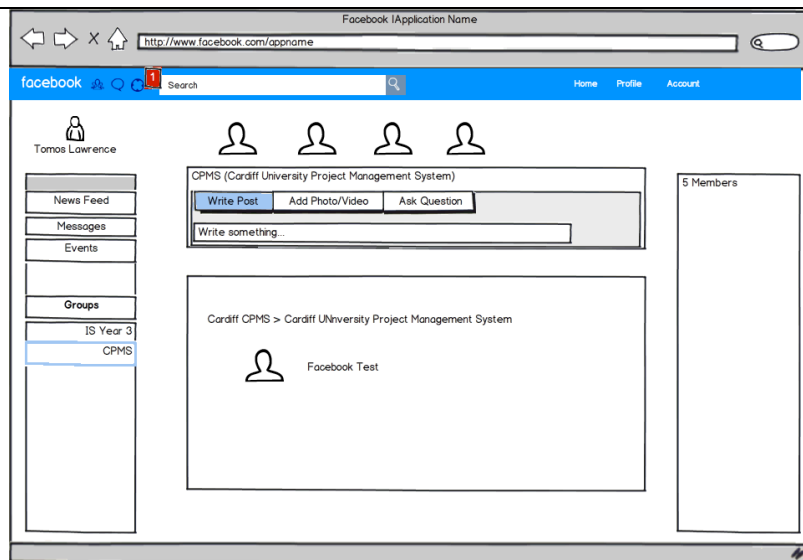
Actual Result



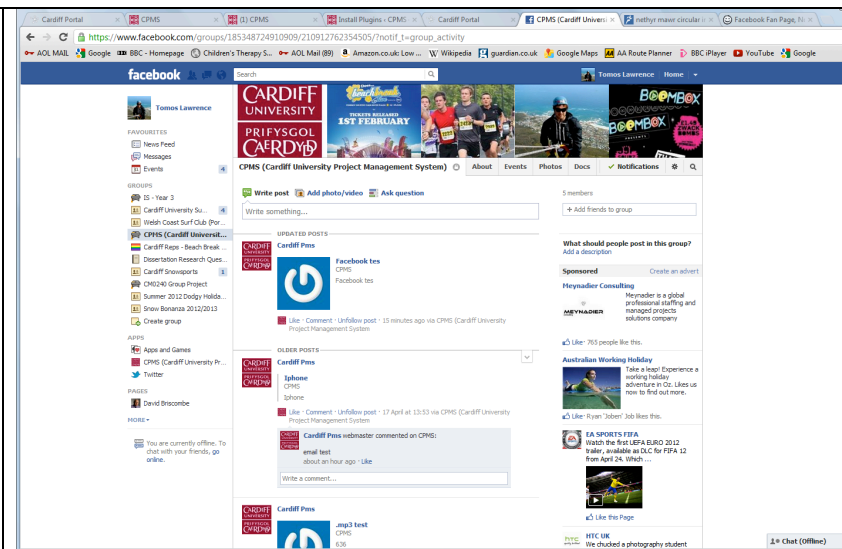
The was successfully added and nested underneath the ‘iPhone’ discussion.

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
17	To test the functionality of software against requirement 5 & 5.2 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome- Windows	To discover if the system provides Facebook notifications of changes to group discussion.	Using account ‘webmaster’ the user will log in and on the discussion page and create a new discussion ‘Facebook test’. After doing so the user will log onto their Facebook account and navigate to the CPMS group (https://www.facebook.com/groups/185348724910909/). They will then check if they have received a Facebook notification regarding the discussion.

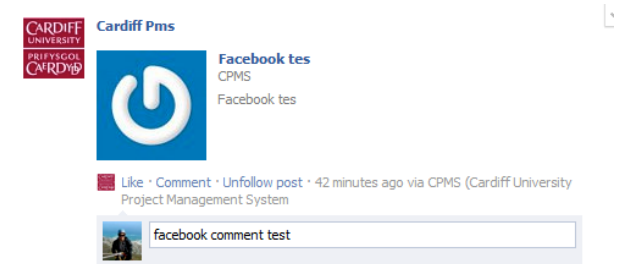
Expected Result	Actual Result	Pass/Fail
<div data-bbox="208 651 960 1177">  </div> <div data-bbox="107 1217 1057 1283"> <p>Above: A Facebook notification should be present in the standard area and the discussion should appear on the Facebook News Feed.</p> </div>	<div data-bbox="1131 651 1928 1189">  </div> <div data-bbox="1131 1228 1928 1294"> <p>Above: A Facebook notification was available and the post appear at the top of the news feed.</p> </div>	<div data-bbox="1966 608 2078 681"> <p>Pass</p> </div>

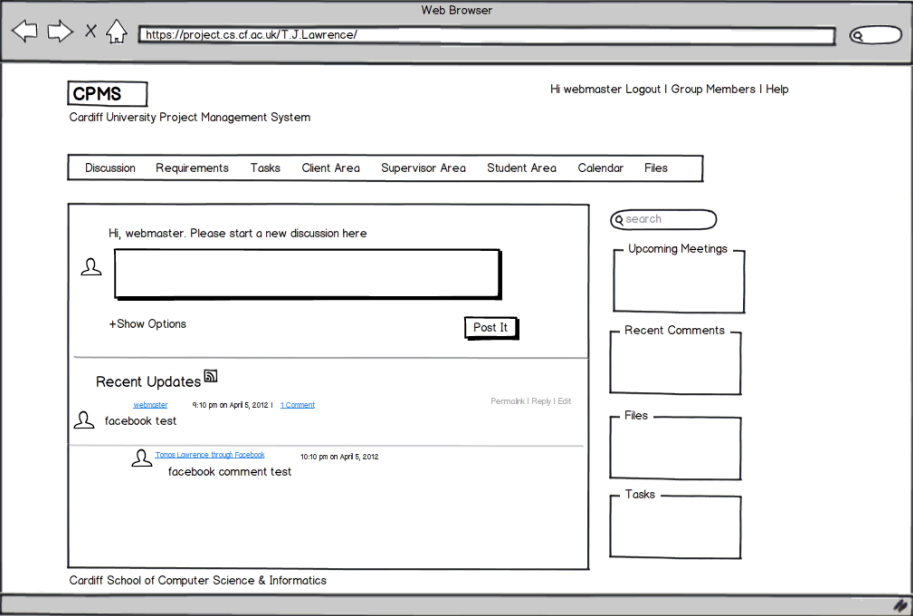



Above: When the user clicks on the CPMS 'Facebook Group' the post created in CPMS should be available at and top of the feed.



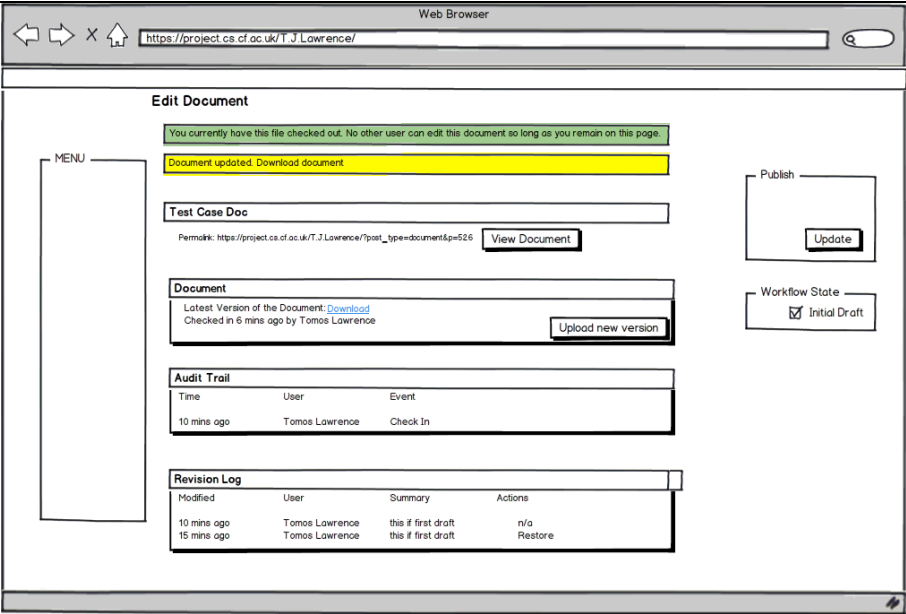
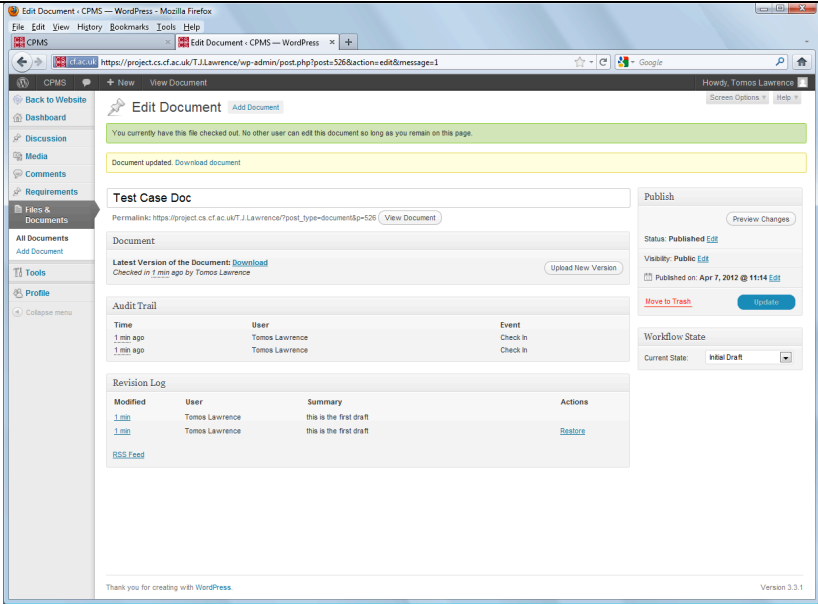
Above: The CPMS 'Facebook Group' successfully displayed the discussion.

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
18	To test the functionality of software against requirement 5 & 5.2 & 5.2.1 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome- Windows	To discover if the system provides provide synchronised comments between Facebook and the system. E.g. comments on Facebook will automatically be posted onto the system and vice versa.	<p>The 'Tomos Lawrence' will log into his Facebook account and comment on the discussion through Facebook created in test_case_08A. The user will comment 'facebook comment test' and then navigate back to the CPMS system to verify the comment has come through on the system. As shown below.</p>  <p>The screenshot shows a Facebook interface. At the top left is the Cardiff University logo. Next to it is the page name 'Cardiff Pms' with 'CPMS' below it. The profile picture is a blue square with a white power button icon. The post text says 'Facebook tes' and 'Facebook tes'. Below the post are interaction options: 'Like', 'Comment', and 'Unfollow post', followed by the text '42 minutes ago via CPMS (Cardiff University Project Management System)'. At the bottom, there is a comment box with a small profile picture of a person and the text 'facebook comment test' entered.</p>

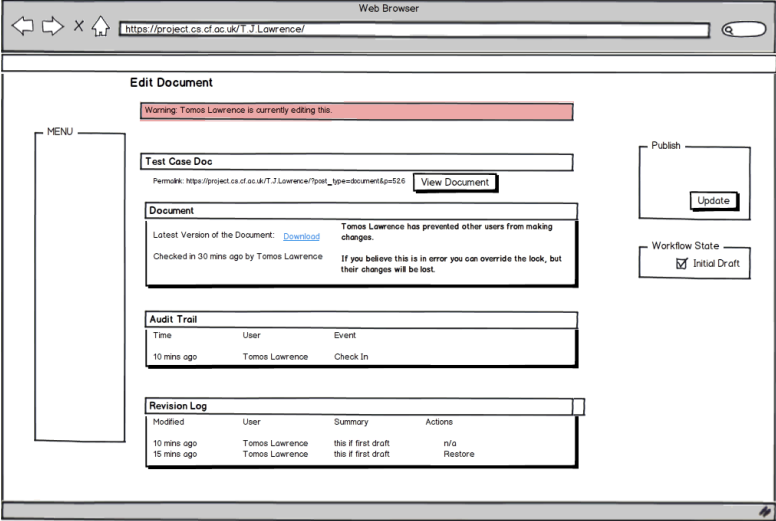
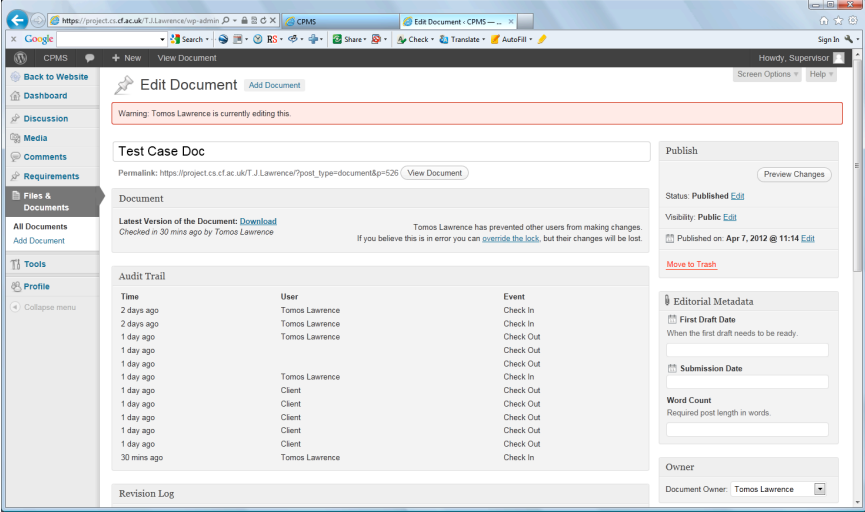
Expected Result	Actual Result	Pass/Fail
 <p>The comment 'facebook comment test' made through Facebook should have been duplicated in CPMS, underneath the correct discussion. The author should have been modified to e.g. Tomos Lawrence through Facebook</p>	 <p>The comment made to the discussion through Facebook was successfully duplicated into CPMS, labelled by the author 'Tomos Lawrence through Facebook'</p>	<p>Pass</p>

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data		
19	To test the functionality of software against requirement 5.3, 5.4 & 5.6 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides an RSS feed of activity, notifications of changes to file sharing and notifications of approaching deadlines of deliverables	This feature was not implemented		
Expected Result				Actual Result			Pass/Fail
N/A				N/A			Fail

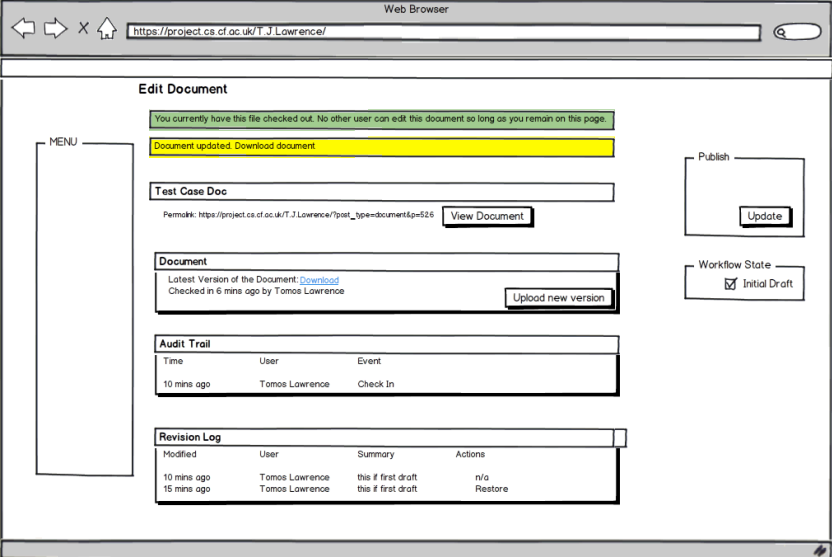
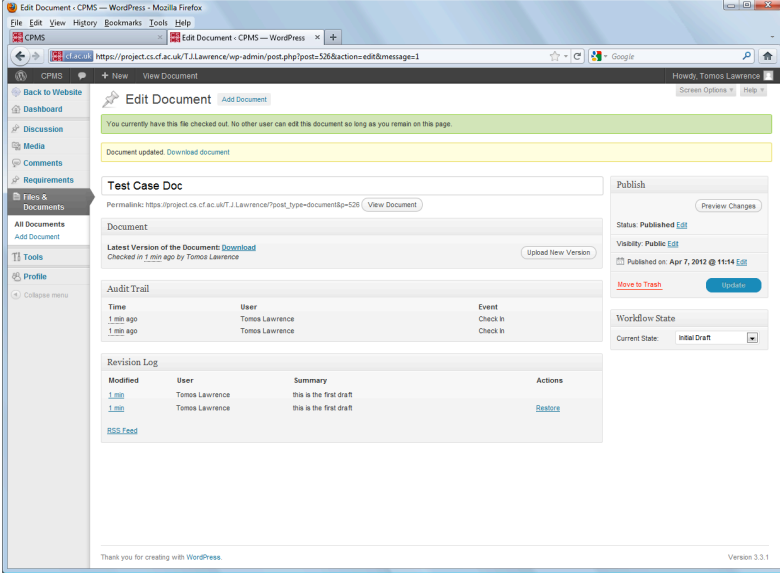
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
20	To test the functionality of software against requirement 6 & 6.1 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides the facility for a user ‘check out’ a file when they are using it.	Using the account ‘c0809753’ the user will log in and click the ‘files’ tab on the navigation bar. The user will select the document ‘Test Case Doc’ created in test_case_6A. The user will be brought to the edit document page and should see the message informing them they have ‘checked out’ the file.

Expected Result	Actual Result	Pass/Fail
<div></div> <p>The user should expect to see this above page will the message ‘You currently have this file checked out. No other user can edit this document so long as you remain on this page’ in the green box at the top of the page.</p>	<div></div> <p>The user was successfully able to ‘check out’ the file and the message in the green box was successfully displayed.</p>	Pass

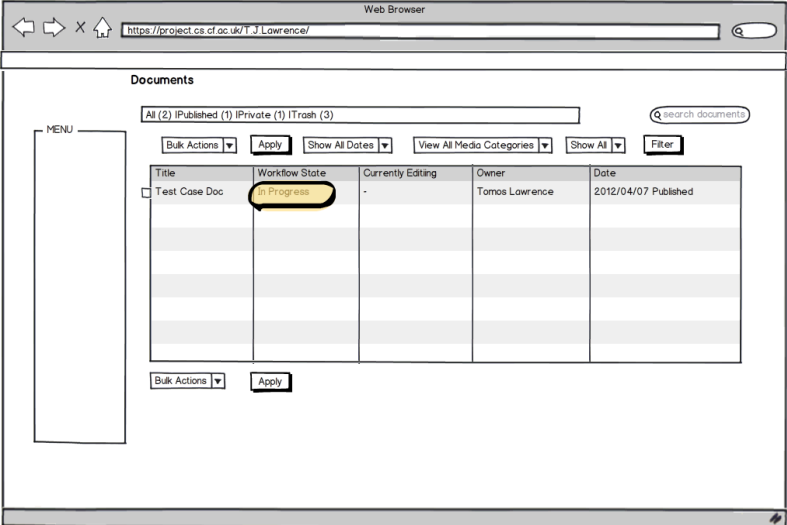
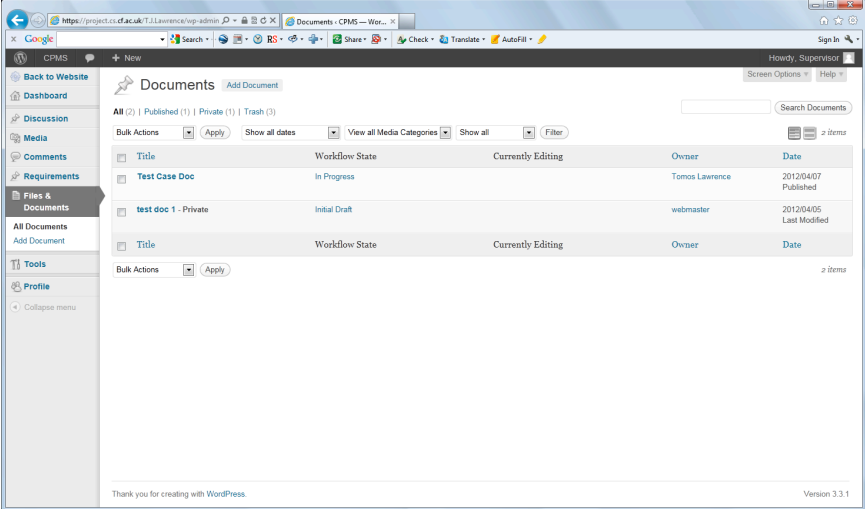
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
21	To test the functionality of software against requirement 6 & 6.1.1 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides a facility this should prevent other users from accessing a file when it has been ‘checked out’.	Continuing from test_case_21, the user ‘c0809753’ will leave the edit document page displayed above open which will keep the file ‘checked out’ The user ‘Supervisor’ will log in on a different browser, and click the ‘files’ tab on the navigation bar. The user will select the document ‘Test Case Doc’ created in test_case_6A. The user ‘supervisor’ should be informed that the file is currently checked out and that they cannot edit it.

Expected Result	Actual Result	Pass/Fail
<div></div> <p>The system should not let the user ‘Supervisor’ edit the file and the user should be informed in the red box that ‘Warning: Tomos Lawrence is currently editing this.’ The update file button should be disabled and in place the following explanation should appear ‘Tomos Lawrence has prevented other users from making changes.’</p>	<div></div> <p>The system successfully prevented the supervisor from editing the file and the supervisor user message was successfully displayed to the supervisor user that Tomos Lawrence is currently editing the file.</p>	Pass

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
22	To test the functionality of software against requirement 6 & 6.2 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides a facility this will ‘ping’ facility which will ping the server every minute to inform it that the file is open. If for whatever reason connectivity is lost, the server will allow roughly a two minute grace period before it removes the file lock, thereby allowing access to other group members.	Continuing from test_case_21, the user ‘c0809753’ will temporarily disable their network adapter on their computer, but remain on the ‘checked out’ file page. After 20 minutes the user ‘Supervisor’ user will attempt to access the file ‘test case doc’.

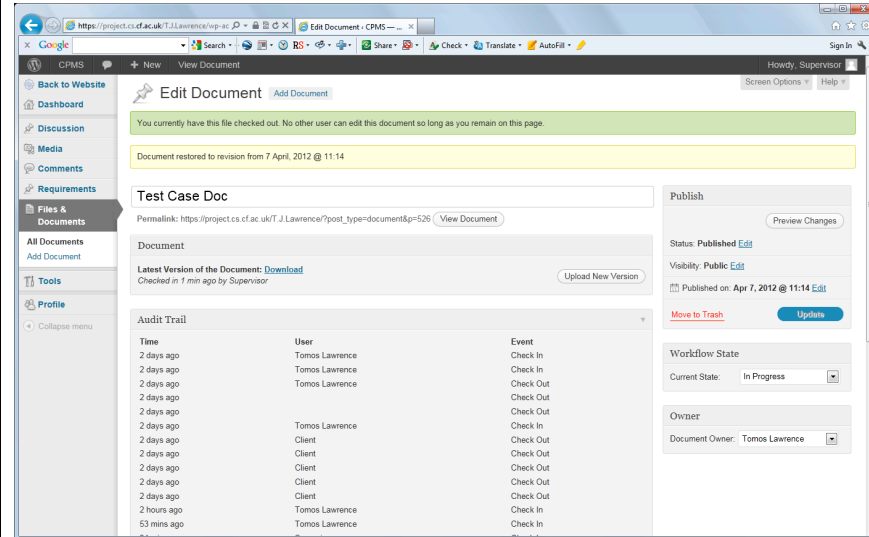
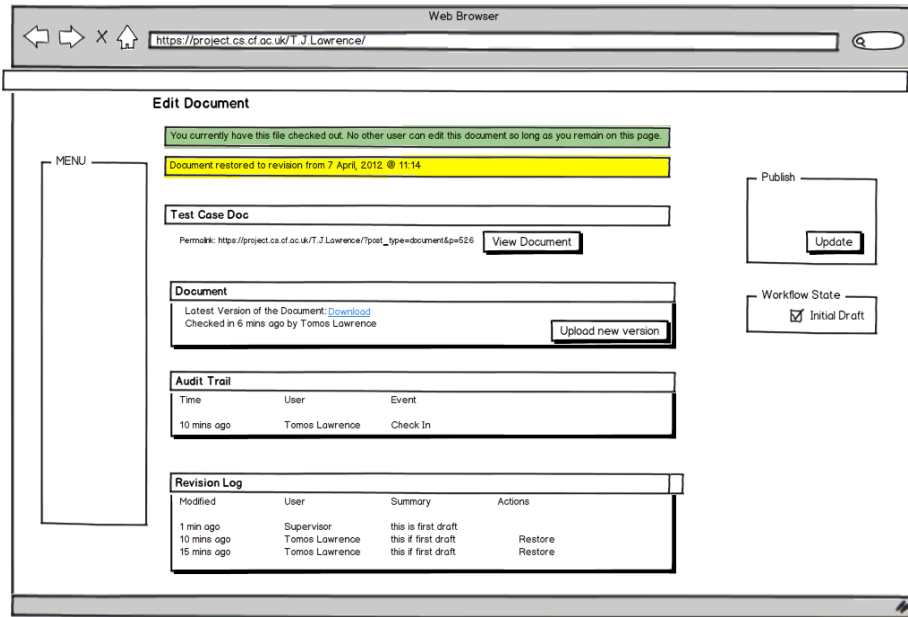
Expected Result	Actual Result	Pass/Fail
<div></div> <p>The ‘Supervisor’ user should be able to access the edit document page, as per normal. The document should no longer be labelled as checked out by the user ‘Tomos Lawrence’.</p>	<div></div> <p>The ‘Supervisor’ user was successfully able to access the edit document page, as per normal.</p>	Pass

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
23	To test the functionality of software against requirement 6 & 6.3 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides a facility to define to current workflow state of a file e.g. draft, final.	Using the account ‘c0809753’ the user will log in and click the ‘files’ tab on the navigation bar. The user will select the document ‘Test Case Doc’ created in test_case_6A. The user will be directed to the edit document page. The user will navigate to the right hand side of the page and select the ‘workflow state’ dropdown menu and change it to ‘in progress’ and click update.

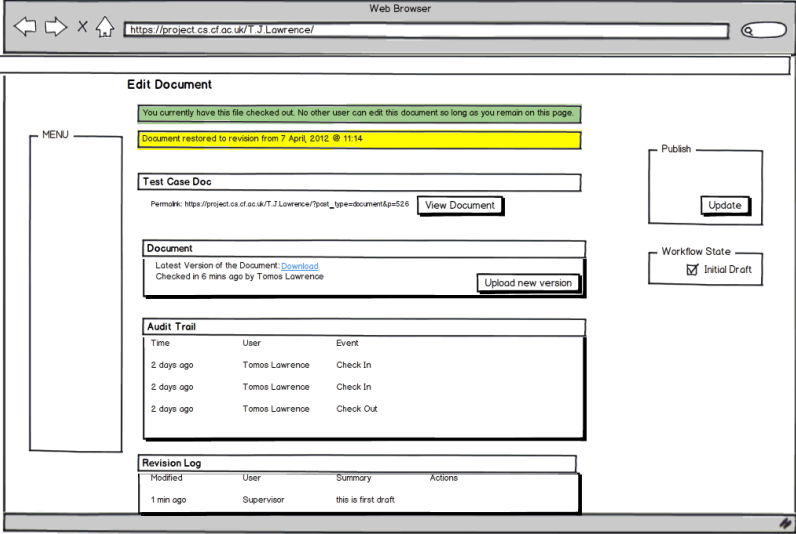
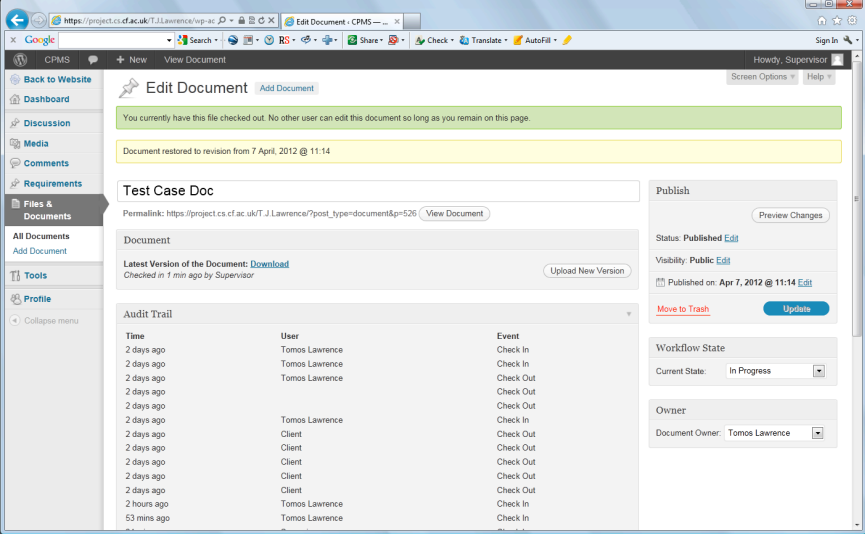
Expected Result	Actual Result	Pass/Fail
<div></div> <p>The workflow state field (highlighted in yellow) in the overview table should reflect the changes made, and state ‘in progress’ instead of ‘initial draft’.</p>	<div></div> <p>The workflow state field successfully has been updated and displays ‘in progress’. The workflow state has also been updated on the edit documents page.</p>	Pass

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
24	To test the functionality of software against requirement 6 & 6.4 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides a version control revision log e.g. modified by, date and summary of changes and if the system could provide the ability to restore a file to a previous state.	Using the account ‘c0809753’ the user will log in and click the ‘files’ tab on the navigation bar. The user will select the document ‘Test Case Doc’ created in test_case_6A. The user will be directed to the edit document page. The user will navigate the bottom of the page to the ‘revision log’. The user will select the first revision (modified 2 days ago, by Tomos Lawrence, summary: this is the first draft) and click restore.

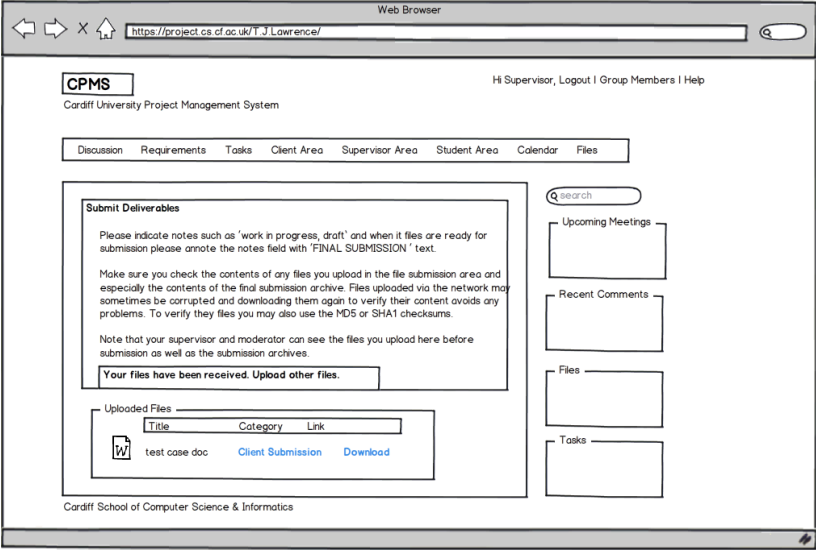
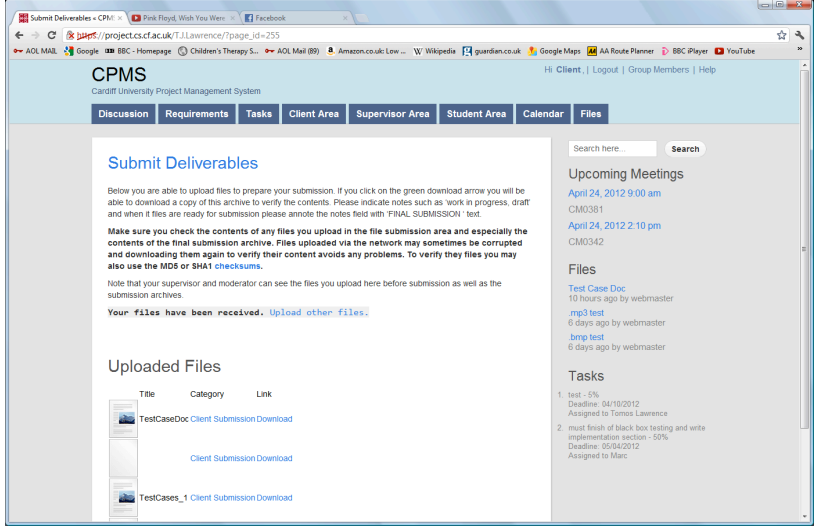
Expected Result	Actual Result	Pass/Fail
<div data-bbox="152 612 967 1166" data-label="Image"> </div> <p>When the user clicks the restore button, they should be prompted with a box to confirm the restore, as shown above. After they confirm the restore by pressing OK, the document should be restored and a message in the yellow box (as shown below) should inform the user that the document has been restored and the revision log should be updated the reflect the recent changes.</p>	<div data-bbox="1187 612 1823 1129" data-label="Image"> </div> <p>The user was prompted with a message box asking them to confirm the restore (as shown above). After the user clicked restore, the file was successfully restored and the confirmation message was successfully shown along with the updated revision log.</p>	Pass



Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
25	To test the functionality of software against requirement 6 & 6.5 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides a full audit trail of activities on the file e.g. check in and check outs.	Using the account ‘c0809753’ the user will log in and click the ‘files’ tab on the navigation bar. The user will select the document ‘Test Case Doc’ created in test_case_6A. The user will be directed to the edit document page. They will navigate to the centre of the page which lists the ‘audit trail’. The user will verify that the details of the audit trail are logged and ensure they reflect recent changes.

Expected Result	Actual Result	Pass/Fail
<div></div> <p>The user should be able to review all recent activity in the audit log including time/date, user, and event e.g. check in or check out.</p>	<div></div> <p>The audit log was displayed successfully and included all activity.</p>	Pass

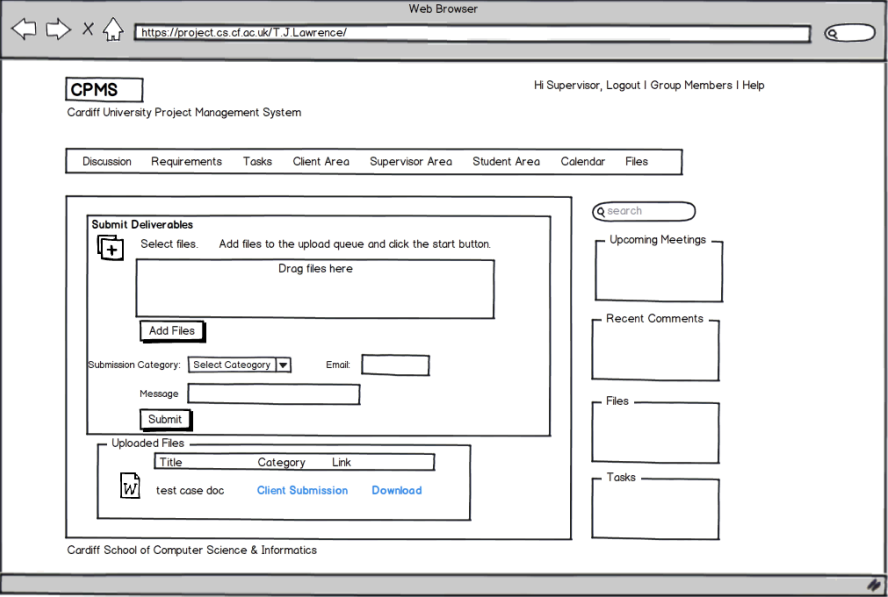
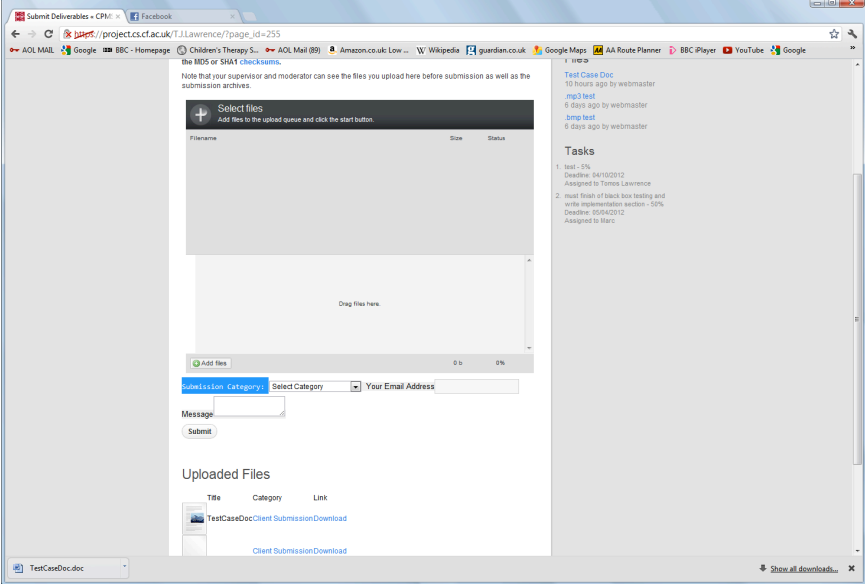
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data		
26	To test the functionality of software against requirement 6 & 6.6 [Section 3.1.1]	Tomos Lawrence	Web Browser – Mozilla Firefox - Windows	To discover if the system provides notifications when the status of a file is updated.	N/A This feature was not implemented.		
Expected Result				Actual Result			Pass/Fail
N/A				N/A			Fail

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
27	To test the functionality of software against requirement 7 & 7.1 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system provides an online submission facility, and that users can submit document deliverables online (PDF format only).	Using the account ‘c0809753’ the user will log in and click the ‘client area’ tab on the navigation bar. From here the user will submit the ‘submit/view deliverables’. The user will select the button ‘add files’ and select the file ‘test_case_doc.doc’ on the local machine. Under the drop down menu labelled ‘submission category’ the user will select ‘client submission’. The user will enter the email address ‘tomos56@hotmail.com’ and the text ‘this is a draft; under the message box. Finally the use will click submit button.
Expected Result				Actual Result	Pass/Fail
 <p>The user should be able to successfully upload the file and after the submit button is selected the message ‘Your files have been received. Upload other files.’ Should be shown to the user. Finally the newly uploaded document should appear under the ‘uploaded files’ section at the bottom of the page.</p>				 <p>The user was successfully able to upload the file, the confirmation message was successfully shown to the user and the file appears in the ‘uploaded files’ section.</p>	Pass

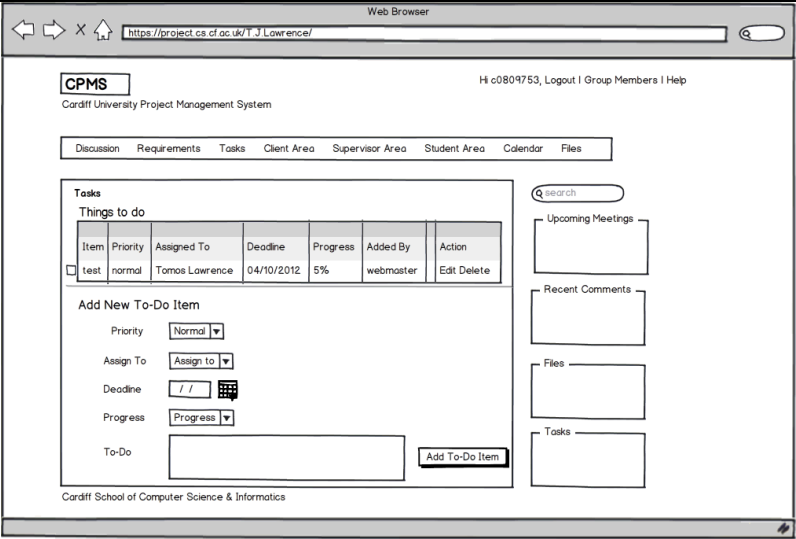
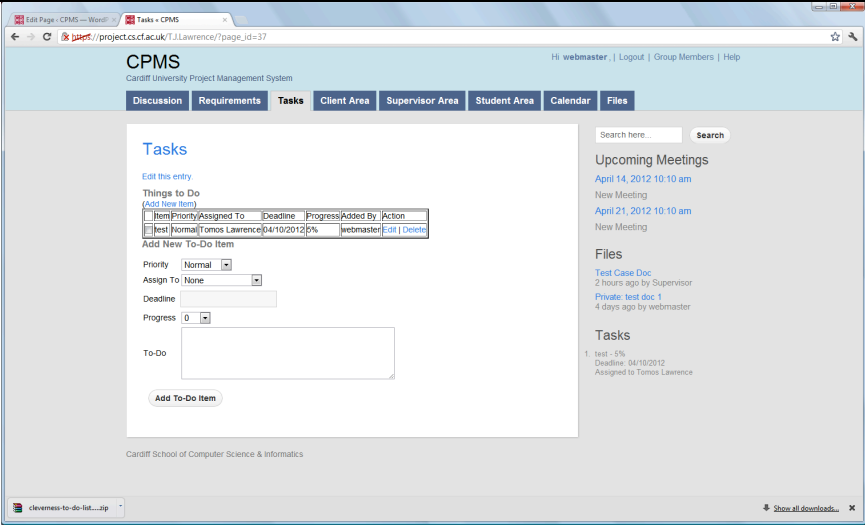
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
28	To test the functionality of software against requirement 7 & 7.2 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system provides an MD5 checksum could be generated to help users verify the integrity of the file.	This feature was not implemented
Expected Result				Actual Result	Pass/Fail
N/A				N/A	Fail

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
29	To test the functionality of software against requirement 7 & 7.4 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system provides a results are feedback area.	This feature was not implemented
Expected Result				Actual Result	Pass/Fail
N/A				N/A	Fail

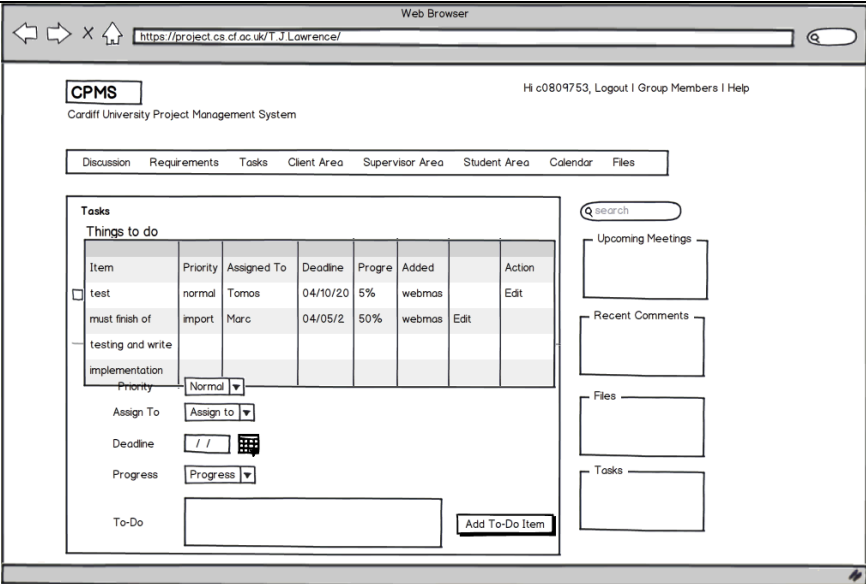
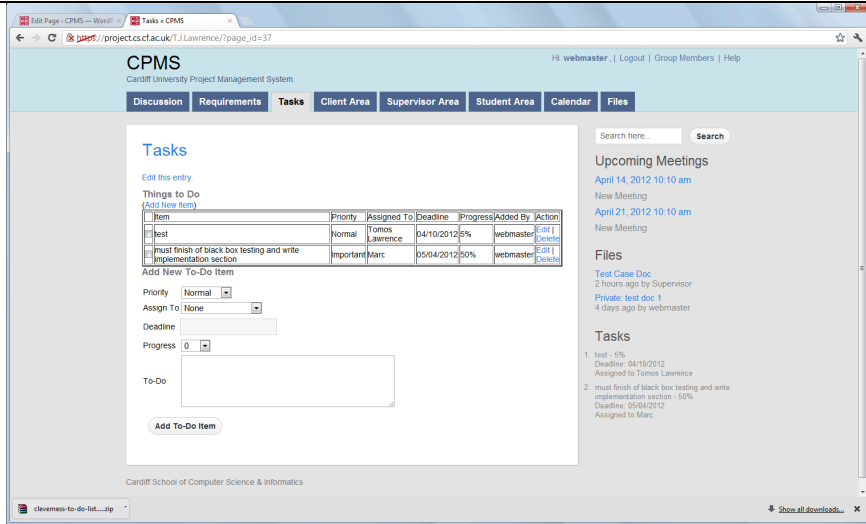
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
30	To test the functionality of software against requirement 7 & 7.3 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system provides the ability for the client, supervisor and students to access the submitted file/s.	Using the account ‘c0809753’ the user will log in and click the ‘client area’ tab on the navigation bar. This process will be repeated for a logged in ‘client’ user and ‘supervisor’ user. From here the user will submit the ‘submit/view deliverables’. They will navigate to the bottom of the page to verify that the document uploaded in test_case_27 is at the top of the ‘uploaded files’ section. The user will then click ‘download’ link to ensure that they can access the file.

Expected Result	Actual Result	Pass/Fail
<div></div> <p>Each user (client, supervisor & students) should be able to successfully see the uploaded files under the section labelled ‘uploaded files’ underneath the file up loader.</p>	<div></div> <p>All users were successfully able to view the submitted files</p>	Pass

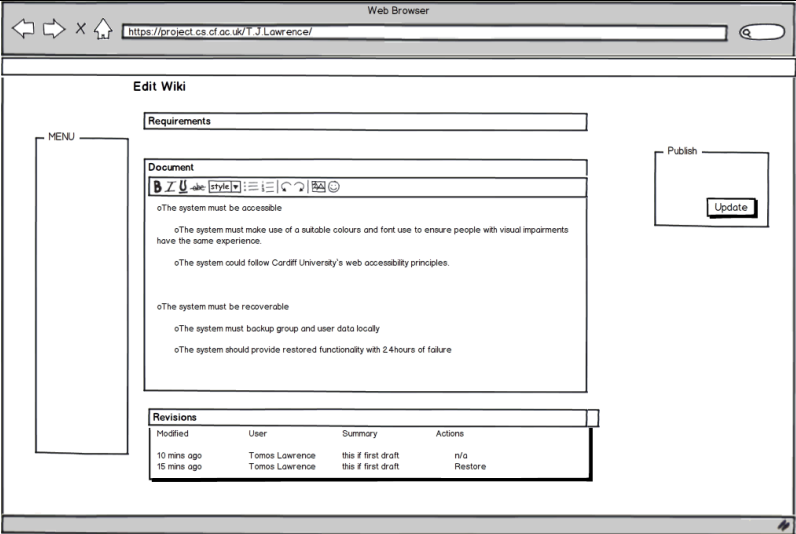
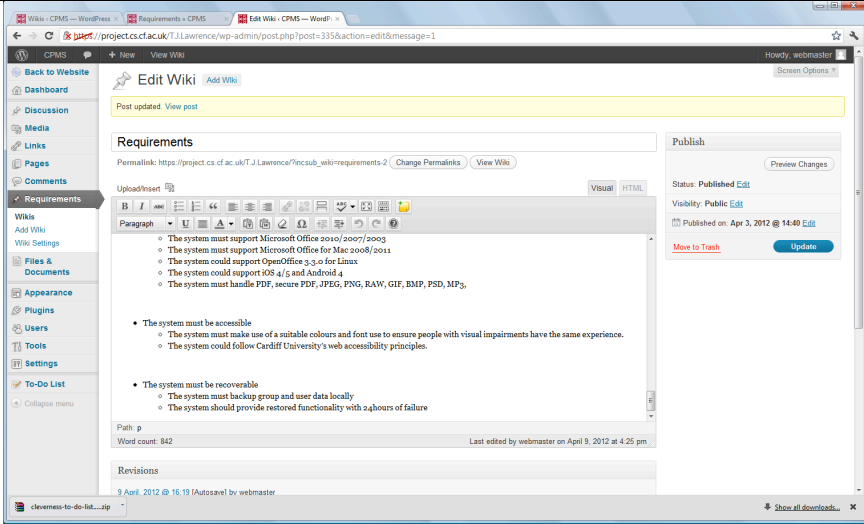
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
31	To test the functionality of software against requirement 8 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system provides the ability to create tasks	Using the account ‘c0809753’ the user will log in and click the ‘tasks’ tab on the navigation bar.

Expected Result	Actual Result	Pass/Fail
<div></div> <p>The user should be able to see the tasks functionality. They should see the existing tasks in table form and the have the ability to add a new task.</p>	<div></div> <p>The user was successfully able to see all the functionality on the tasks page.</p>	Pass *Display issues in Internet Explorer*

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
32	To test the functionality of software against requirement 8 & 8.1, 8.2,8.3 & 8.4 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system provides the ability to create tasks and to allocate group members to tasks, to create deadlines for tasks, to mark progress of tasks and to be able to mark task priority e.g. urgent, low	Using the account ‘c0809753’ the user will log in and click the ‘tasks’ tab on the navigation bar. The user will then navigate to ‘add new to-do item’. The user will select priority ‘important’, assign to ‘Marc’, deadline ‘04/05/2012’, progress ‘50%’ and to-do ‘must finish of black box testing and write implementation section’. The user will then click the ‘add to-do item- button.

Expected Result	Actual Result	Pass/Fail
 <p>After the user submits the new task by clicking the ‘add to-do item’ button the task should be added to the table as shown above. The task with the most immediate deadline should be shown first.</p>	 <p>The task was successfully submitted and added to the table.</p>	Pass

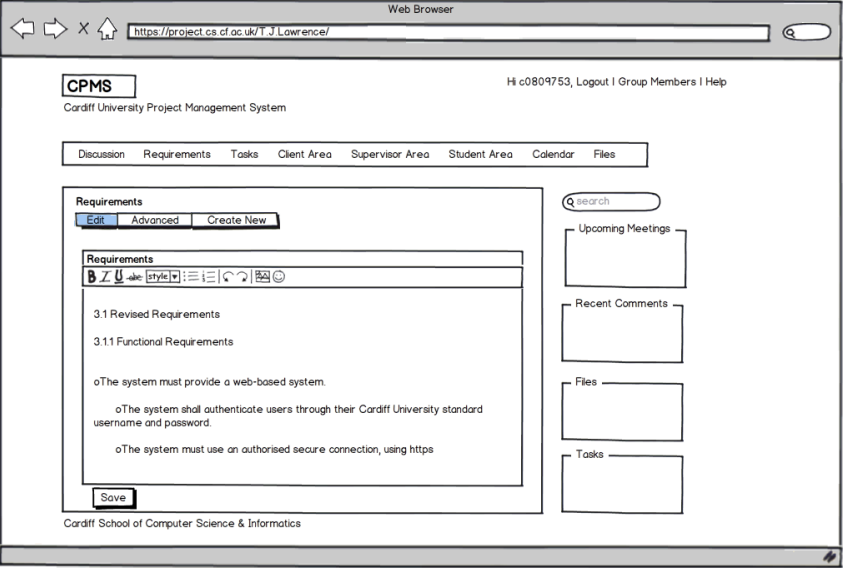
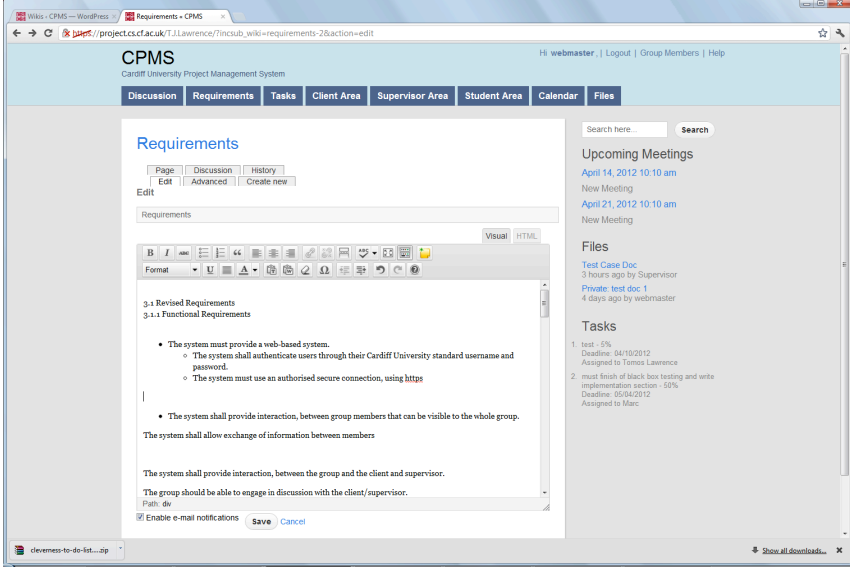
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
33	To test the functionality of software against requirement 9 & 9.1 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system provides the ability to provide one single format that the all group members will use for defining requirements	Using the account ‘c0809753’ the user will log in and navigate to the ‘requirements’ page. To define requirements the user will click on the edit requirements icon. The user will add the requirement ‘The system must be recoverable: The system must backup group and user data locally’ to the end of the requirements list and click update.

Expected Result	Actual Result	Pass/Fail
<div></div> <p>The system should redirect the user to the edit requirements page. From here the user should be able to access the WYSIWYG text editor and the user should be able to add the new requirements easily. When the use clicks update a confirmation message should appear and the page should reflect the revisions.</p>	<div></div> <p>The system redirected the user to the requirements page and the user was able to add all new requirements. Once the user clicked update the above page was displayed and the new requirements were added to the document.</p>	Pass

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
34	To test the functionality of software against requirement 9 & 9.2 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system provides the ability for group members to review and accept/decline requirements before they are final.	This feature was not explicitly implemented.
Expected Result				Actual Result	Pass/Fail
N/A				N/A	Fail

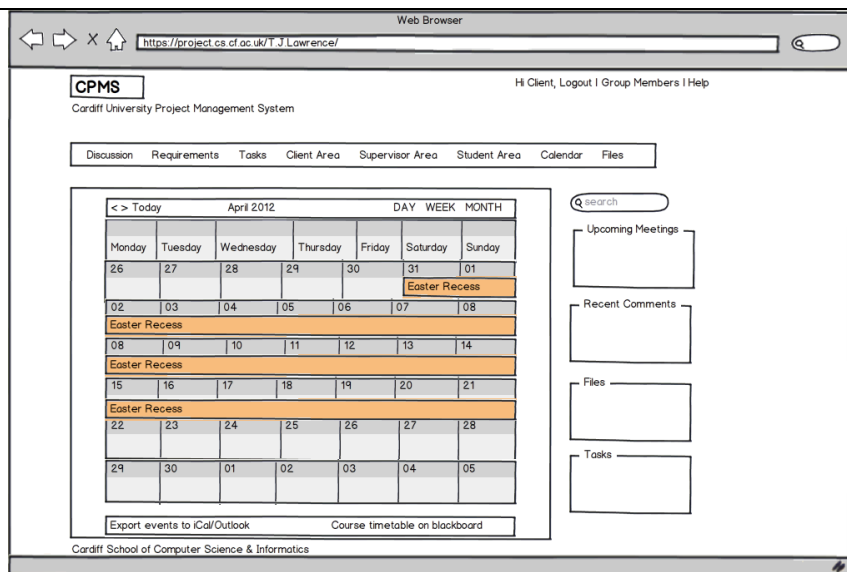
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
35	To test the functionality of software against requirement 9 & 9.3 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system provides the ability for group members to link requirements with tasks and deliverables	This feature was too complex to integrate and therefore not implemented.
Expected Result				Actual Result	Pass/Fail
N/A				N/A	Fail

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
36	To test the functionality of software against requirement 9 & 9.4 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system provides the ability to cope with changing requirements. For example if a client wanted a small change to one of the requirements, this facility offers a quick option than test_case_34.	Using the account ‘c0809753’ the user will log in and navigate to the ‘requirements’ page. To add simple revisions, which in all probability will arise with software projects, the user will click on the view requirements icon. Upon pressing edit at the top of the page a front end editor will appear. The user will add ‘the system must use an authorised secure connection, using https’ to requirement 1. The user will then click ‘save’ when the changes have been added.

Expected Result	Actual Result	Pass/Fail
<div></div> <p>The user should be able to add the requirement ‘the system must use an authorised secure connection, using https’ to requirement 1 and select save. The changes should be reflected once saved</p>	<div></div> <p>The user was successfully able to add the new requirement and it is reflected in the list of requirements.</p>	Pass

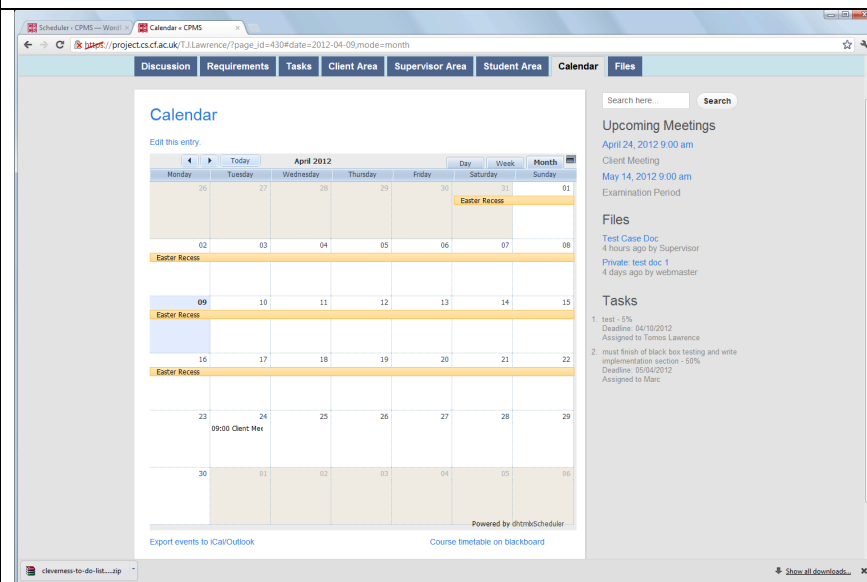
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
37	To test the functionality of software against requirement 10 & 10.1 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system provides the ability to automatically show university vacation/examination periods	Using the account 'c0809753' the user will log in and navigate to the 'calendar' page. The user will go to 09 April 2012 (a date that is in the Easter recess)

Expected Result



The system should indicate the start and end date of the Easter recess . The period should be marked in orange and labelled Easter recess.

Actual Result

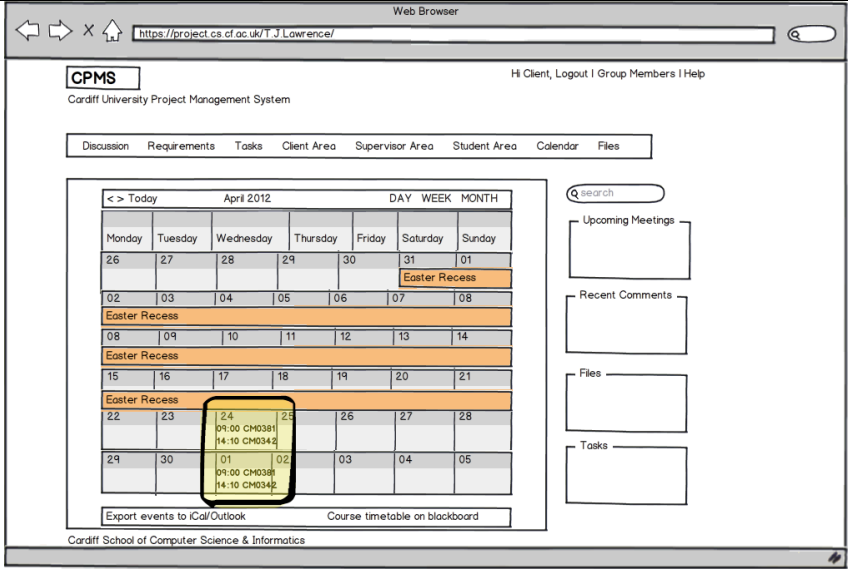
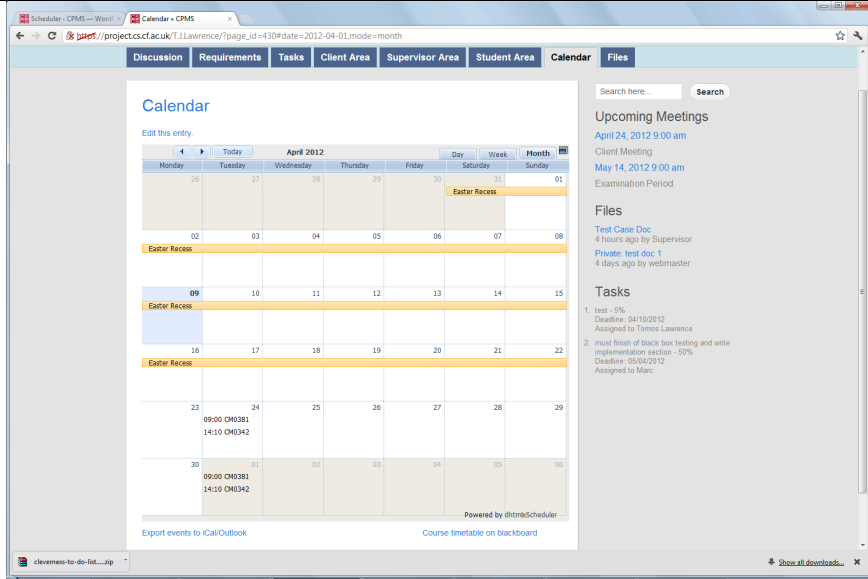


The system successfully displayed the correct Easter recess period.

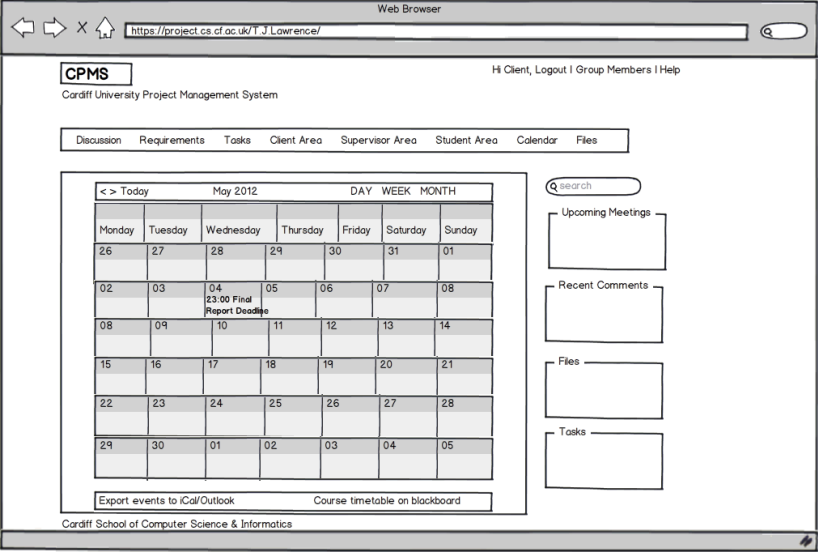
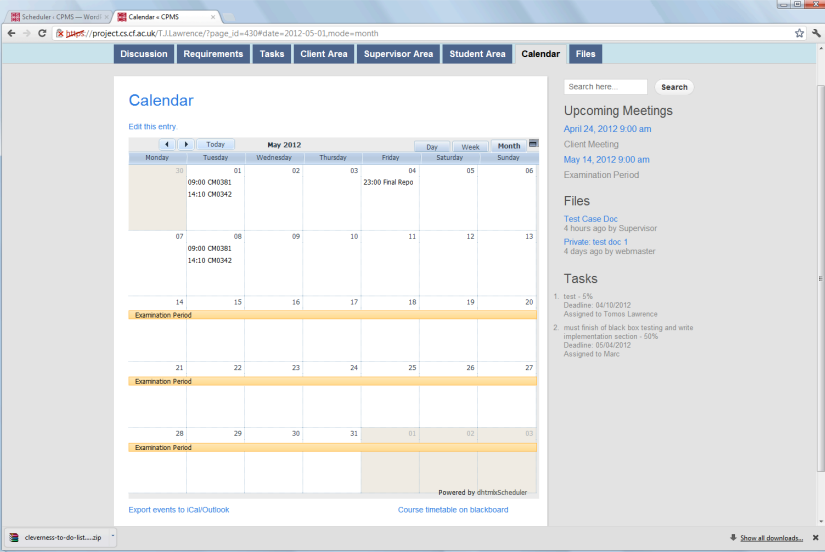
Pass/Fail

Pass

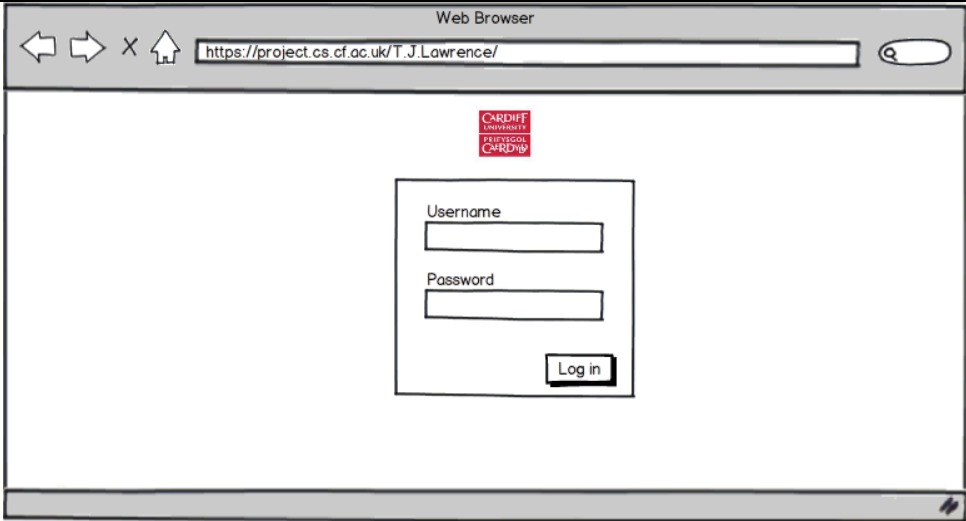
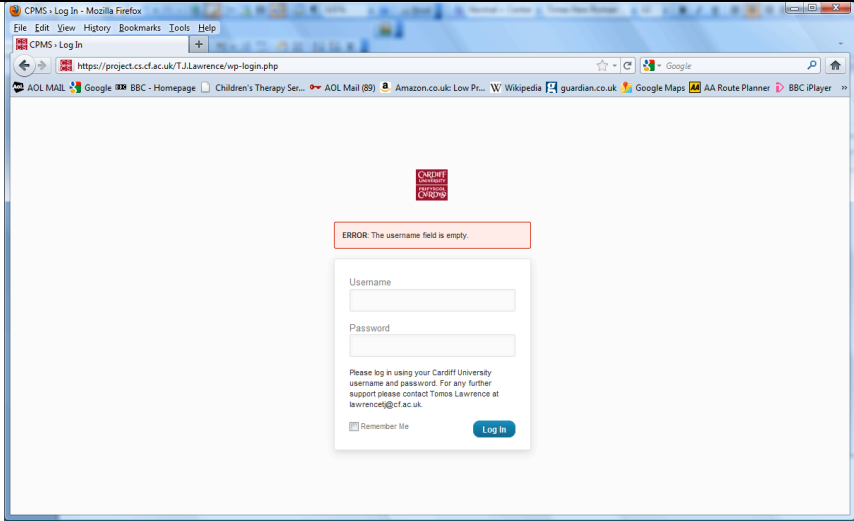
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
38	To test the functionality of software against requirement 10 & 10.3 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system provides the ability to add lectures and repeat events.	Using the account 'c0809753' the user will log in and navigate to the 'calendar' page. The user will go to 24 April 2012 and add 'CM0381 in T/2.07 at 9:00' and CM0342 in T/2.09 at 14:10' and repeat these lectures for a period of 3 weeks until the examinations commence.

Expected Result	Actual Result	Pass/Fail
 <p>The system should allow the user to add a lecture, lecture location and time period and the user should be able to repeat the lecture entry as required. When the user clicks 'save' the lectures should be added to each week for the number of repeats selected (as shown highlighted in yellow).</p>	 <p>The system successfully allowed a user to add lectures. The lectures were repeated for the 3 weeks as specified.</p>	Pass

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
39	To test the functionality of software against requirement 10 & 10.2 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system provides the ability to add to add deadlines from coursework timetables.	<p>Using the account ‘c0809753’ the user will log in and navigate to the ‘calendar’ page. The user will go to 04 May 2012 and add ‘Final Report Deadline at 23:00’.</p> <p>Comments: Coursework deadlines are not provided in any format that could be imported automatically into this system. Adding coursework deadlines would have to be an administrative data input task or left for students to add themselves.</p>

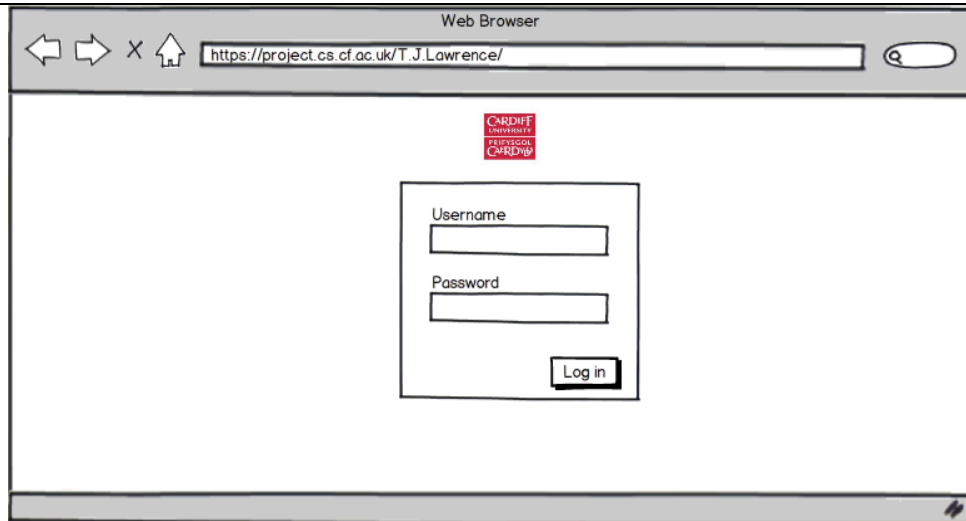
Expected Result	Actual Result	Pass/Fail
 <p>The user should be able to add a coursework deadline similar to any other event e.g. test_case_38</p>	 <p>The final report deadline was added to the calendar and displayed on 04 May 2012.</p>	Pass

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
40	To test the functionality of software against requirement 11 & 11.1 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system is hosted on the School of Computer Science project web server	Input the web address https://project.cs.cf.ac.uk/T.J.Lawrence in a web browser.

Expected Result	Actual Result	Pass/Fail
 <p>The system login page should appear. The system should be at the URL 'project.cs.cf.ac.uk' confirming that it is hosted on the Project Web Server at the School of Computer Science at Cardiff University.</p>	 <p>The login page appears and the system confirms that it is hosted on the School of Computer Science project web server</p>	Pass

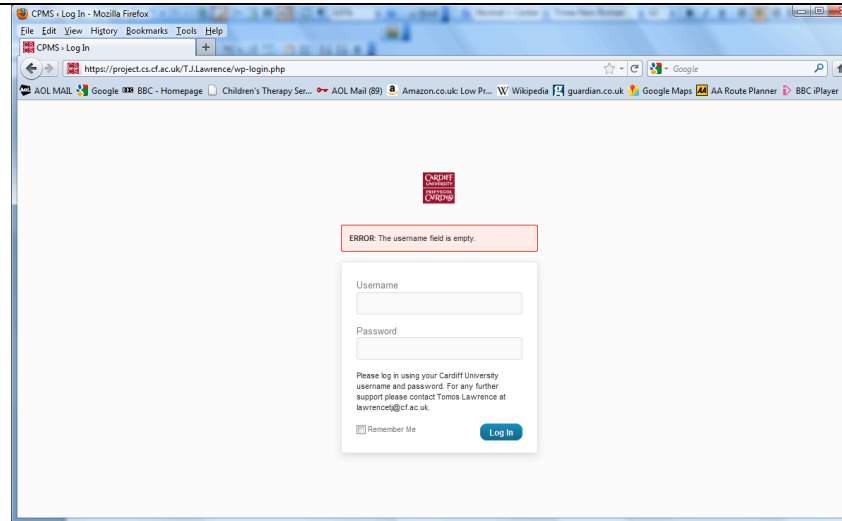
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
41	To test the functionality of software against requirement 11 & 11.2 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system is accessible within the schools intranet	Input the web address http://project.cs.cf.ac.uk/T.J.Lawrence in a on a School of Computer Science workstation (with h Internet addresses domain .cs.cf.ac.uk) in lab C/2.04.

Expected Result



The system login page should appear. The system should use HTTP and will not require authentication as the user will already be logged in under a School of Computer Science workstation.

Actual Result

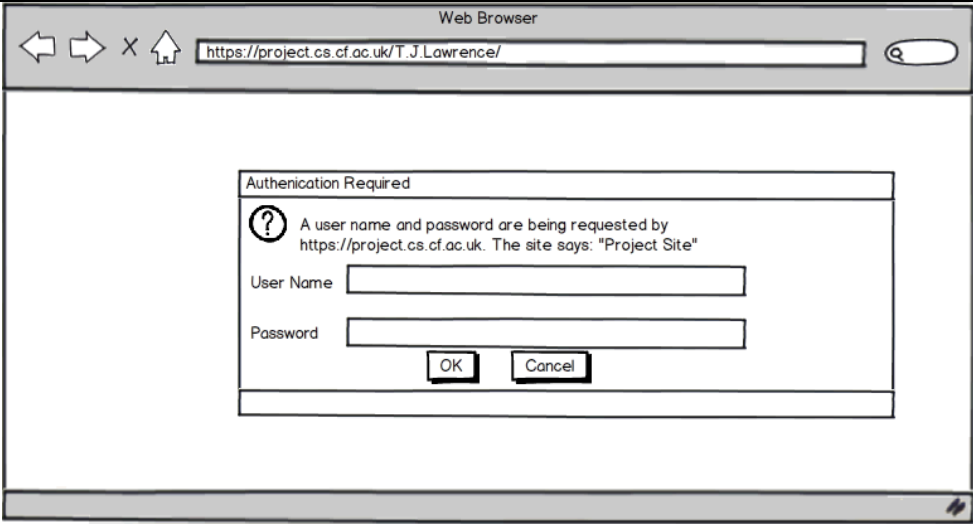
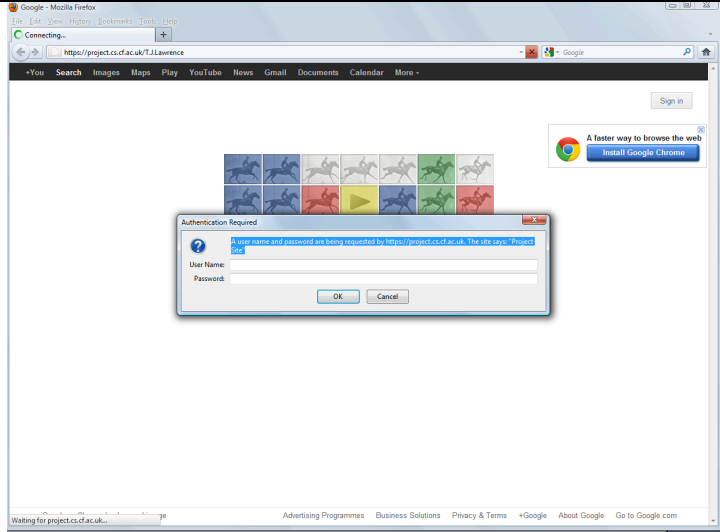


The login page appears and no additional authentication is required to access the website.





Pass/Fail

Pass

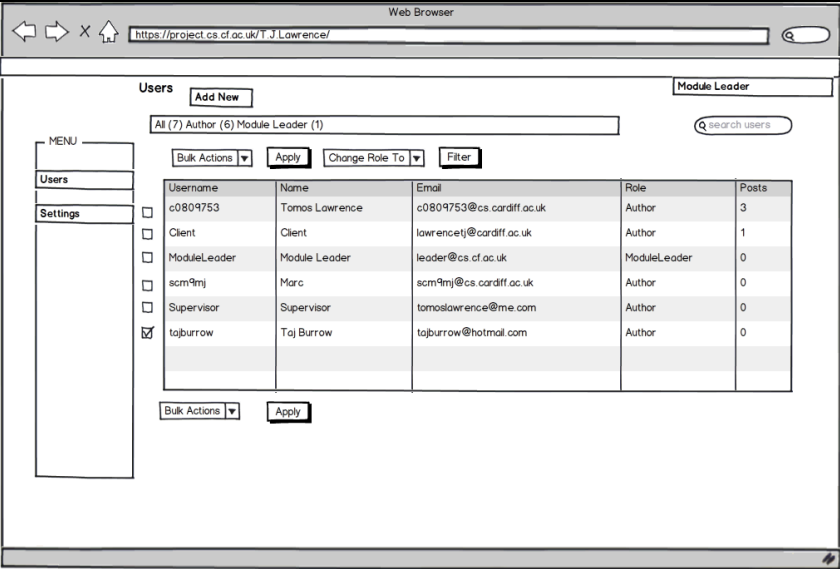
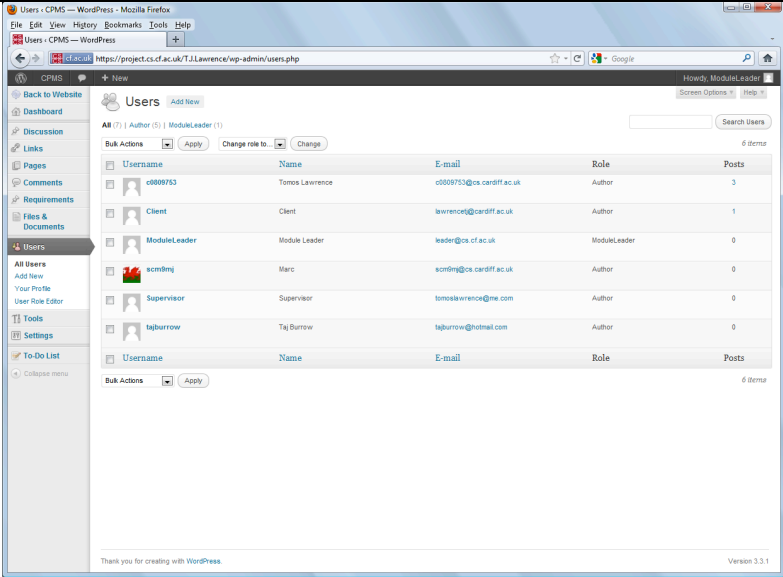
Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
42	To test the functionality of software against requirement 11 & 11.3 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system is accessible on any computer on the Internet using an authorised secure connection, using https protocols which have been logged in with a School user name and password.	Input the web address https://project.cs.cf.ac.uk/T.J.Lawrence/ on any workstation outside of Cardiff University network. Input 'c0809753' and associated password.

Expected Result	Actual Result	Pass/Fail
 <p>The system login page should appear. The system will request authentication and connect using HTTPS to create an authorised secure connection.</p>	 <p>The system login page appeared and the website requested authentication and connected using HTTPS when the correct credentials were provided.</p>	Pass

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
43	To test the functionality of software against requirement 11 & 11.4 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system is secure	Input the web address https://project.cs.cf.ac.uk/T.J.Lawrence on any workstation outside of Cardiff University network. Input 'c0809753' and associated password.

Expected Result	Actual Result	Pass/Fail
<p>The system should be encrypted with a 256-bit (AES_256_CBC) encryption.</p> <p>The connection should use TLS 1.0.</p> <p>The connection Should use SHA1 for message authentication & DHE_RSA as the key exchange mechanism.</p> <p>The connection is compressed with DEFLATE</p> <p>The connection has a valid security certificate from TERENA SSL CA</p>	<div><div><p>project.cs.cf.ac.uk The identity of this website has been verified by TERENA SSL CA. Certificate information</p></div><div><div></div><p>Your connection to project.cs.cf.ac.uk is encrypted with 256-bit encryption. However, this page includes other resources which are not secure. These resources can be viewed by others while in transit, and can be modified by an attacker to change the behavior of the page.</p><p>The connection uses TLS 1.0.</p><p>The connection is encrypted using AES_256_CBC, with SHA1 for message authentication and DHE_RSA as the key exchange mechanism.</p><p>The connection is compressed with DEFLATE.</p><p>The server does not support the TLS renegotiation extension.</p></div><div><div><p>Site information You first visited this site on Apr 2, 2012.</p><p>What do these mean?</p></div></div></div> <div><div><div>Certificate</div><div>GeneralDetailsCertification Path</div><div><div>Certificate Information</div><div><p>This certificate is intended for the following purpose(s):</p><ul style="list-style-type: none">Ensures the identity of a remote computerProves your identity to a remote computer</div><div><p>Issued to: project.cs.cf.ac.uk</p><p>Issued by: TERENA SSL CA</p><p>Valid from 13/10/2010 to 13/10/2013</p></div><div><p>Learn more about certificates</p><p>Issuer Statement</p><p>OK</p></div></div></div></div>	Pass

Test Case ID	Purpose	Tester	Test Environment	Test Procedure	Test Data
44	To test the functionality of software against requirement 12 [Section 3.1.1]	Tomos Lawrence	Web Browser – Google Chrome - Windows	To discover if the system could provide the module leader with administrator access to the group to assist with group grievances and non-performing team members	Login into the system as ‘ModuleLeader’. Go to users to delete the user ‘tajburrow’. Select the checkbox next to ‘tajburrow’ go to bulk actions and select ‘delete’ and click apply.

Expected Result	Actual Result	Pass/Fail
<div data-bbox="141 619 978 1190">  <p>The screenshot shows the 'Users' management interface. At the top, there's a search bar and a 'search users' button. Below that, a table lists users with columns: Username, Name, Email, Role, and Posts. The user 'tajburrow' is highlighted with a checkbox. To the right of the table, there are buttons for 'Bulk Actions', 'Apply', 'Change Role To', and 'Filter'. The 'Bulk Actions' dropdown is open, showing 'Delete' as an option. The 'Apply' button is highlighted.</p> </div> <p>The module leader should log in under administrator privileges and should be able to navigate to the users screen and delete the user ‘tajburrow’.</p>	<div data-bbox="1115 619 1895 1198">  <p>The screenshot shows the 'Users' management interface. At the top, there's a search bar and a 'search users' button. Below that, a table lists users with columns: Username, Name, E-mail, Role, and Posts. The user 'tajburrow' is highlighted with a checkbox. To the right of the table, there are buttons for 'Bulk Actions', 'Apply', 'Change role to', and 'Change'. The 'Bulk Actions' dropdown is open, showing 'Delete' as an option. The 'Apply' button is highlighted.</p> </div> <p>The module leader had access to users and settings and was successfully able to delete the user ‘tajburrow’.</p>	<p>Pass</p>