

Initial Plan - Modeling Requirements of Catering Experience at Cardiff University

Project supervisor: Roger M Whitaker **Project Moderator:** Peter Burnap

Author: James Mark Mackenzie

Description

This project is focused on modeling the requirements for the users of the catering services at Cardiff university. For this I will use an evidenced based approach through the elicitation of requirements from the users themselves. The development of the project will delve deep into the different aspects of the catering services so that a detailed set of requirements can be modeled from a range of different stakeholders. These requirements will be detailed enough so that they could be used to improve the products and services offered by the university. This investigation will pose a number of challenges, foremost from the elicitation of requirements. On this I will be researching in depth the largely debated topic so that, the implemented set of elicitation techniques in this project best fit the environment of the university and are academically and industrially defensible. From the research on requirements elicitation I will identify a variety of techniques that will be implemented including the development and analysis of use cases.

Project Aims and Objectives

- To formulate a concrete and defensible set of requirements for the users experience of catering at Cardiff university.
 - Compel these respective requirements into specifications that will be partly submitted in the interim report.
 - In large, the final set of requirements will be submitted in the final report.
- To investigate and apply a set of elicitation techniques that can effectively derive requirements from the key stakeholders involved.
 - These have to be suitable to the environment of the university.
 - The results of the investigation will be submitted as part of the interim report.
 - The results of their application will largely be seen/submitted in the final report.
- To apply these elicitation techniques as effectively as possible, so that a concrete set of

requirements are developed, with a range of stakeholder involvement.

- The project aims to investigate both functional and nonfunctional requirements of the catering services.
- Produces a taxonomy of requirements.
 - To be submitted in the final report.
- Investigate and understand the competitive forces that affect catering in the collegiate university spread throughout the city of Cardiff.
 - To be submitted in the final report.
- Recommendations for future development of the catering services
 - These recommendations will be formulated from the final set of requirements, contrasting them to the current position of the catering service.
 - This will be submitted as part of my final report.

Work Plan

The detail project plan is available in raw form in the HTML document that has been submitted along with this document as an archived file. There is also a PDF document, in the appendix containing a graphical depiction of the project's Gantt chart.