



DP2 Project Proposal Template

COS30041 Creating Secure and Scalable Software (Swinburne University of Technology)

Project Proposal¹ : Online Food and Beverage Catering Management System (FCMS)

Background / Problem Description

A short description of what the problem to be solved is all about. This may include why the project is being undertaken.

This does not need to be comprehensive, but it must make it clear what the purpose of the project is. It is not a re-statement of the requirements definition, although it might make reference to the requirements definition document (or, in the case of a project for which you have tendered, what is called an “RFP” – request for proposal).

The increasing amount of demands from FoodEdge Gourmet Catering has increased to a level where the business activities process can hardly monitor by workers manually. There is also difficulty in tracking their consumers orders and analyse the financial status of the company. In order to maintain the service quality that is suitable for every occasion, FoodEdge Gourmet Catering decided to monitor their business activities process by using an Online Food and Beverage Catering Management System (FCMS).

Scope

A statement of what you are going to do in this project. Also included is what the software is capable of doing.

A lot of this will come from the problem description in the specification you are working from. But re-phrase it in your own words, and show the distinction between general objectives and specific goals. Once again, do not repeat the full requirements definition.

This system allows seller to monitor daily business activities of the company and that is normally done manually. Seller will be able to monitor the whole business activity process through this system. The business owner can maintain the food and beverage quality and quantity through the system. Secured module will be implemented to secure customers membership details and personal private information. The system included payment function that receive payment from customers. All the functions will be combine into a database to allow the business owner to trace every information needed and analyse the business activities to support future business decisions.

Stakeholders

This is rather self-explanatory. Who is involved (customer, providers, third parties) and what is their interest?

Customer: customers will be able to view the product and services they wish to purchase, add them to wish list or cart for further comparison. Customers will be able to make payment through the system and they might gain extra benefits or bonus according to their membership level. Customers will be able to give feedback more directly to help improve the system.

Providers: Monitor and maintain the business activities process through the system. Every bit of information or data gain will be used for business analysis for future business decisions. The business activities process will be automated and less manual maintenance is needed to minimize human errors.

Third parties: Third parties such as electronic wallets like Boost and Sarawak Pat might be able to cooperate with the company for more secure payment process.

Deliverables and schedule

This is rather self-explanatory. What is to be delivered? (In a software project, for example, this might include the actual binary, all source code, user manual, training program, etc.) Don't repeat what is in the previous section.

User manual and a set of training program will be granted to the seller to ensure the employee will be able to operate and maintain the system smoothly.

¹ This document is by no means a “full project proposal”. It has been simplified and customized for the purposes of DP2 teaching. The full project proposal includes many other sections which have not been discussed during the first few weeks of DP2 teaching.

Initial Release Schedule

No.	Item	Dependencies	Business Value (1 least – 10 most)	Release Schedule (Sprint #1 2 3 ...)
1	Add a sales record		6	Sprint #1
2	Edit a sales record	1		Sprint #1
3	Display a sales record	1		Sprint #1
4	Display monthly sales report	1	8	Sprint #1
5	Predict the sales of an item on a monthly basis	1	9	Sprint #2
6	Predict the sales of a group of similar items on a monthly basis	1	9	Sprint #2
7	Food and beverage stock count record		7	Sprint #1
8	Edit food and beverage stock count record	7		Sprint #1
9	Display food and beverage stock count record	7		Sprint #1
10	Customer membership and profile record		8	Sprint #1
11	Edit customer membership and profile record	10		Sprint #1
12	Display customer membership and profile record	10		Sprint #1
13	Payment record		6	Sprint #2
14	Edit payment record	13		Sprint #2
15	Display payment record	13		Sprint #2
16	Combine data and process data module	1, 7, 10, 19	10	Sprint #2
17	Display analysis results	16		Sprint #2
18	Display booking record	1, 7, 10, 19	9	Sprint #2
19	Catering stock count record		9	Sprint #2
20	Edit catering stock count record	19		Sprint #2
21	Display catering stock count record	19		Sprint #2

Solution Direction

Description of chosen solution direction, including a brief description of any alternatives and why they were discarded. Present the alternatives that have been discarded in a table. Provide the analysis and rationale for choosing the selected solution direction over the alternatives. The KoST analysis should help.

Quality Management

Define what is meant by Quality in the context of this particular project, and indicate how you would measure quality, and what acceptable measurements are. Be S.M.A.R.T.

Resources

Provide a summary of the team members and their roles.

Approval Signatures:

Project Team

	Name of student	Student Id	Signature
1			
2			
3			
4			

Project Sponsor [Your Tutor]

Tutor's name (on behalf of the client)	Signature: