Project Management Document(PMD)

Project Title: Food and Grocery Delivering app

Group No. 14

Group Members:

ID	Name
201901054	Jaimin Moradiya
201901055	Dhruvin Moradiya
201901096	Darshan Gohil
201901417	Dhruv Ukani
201901426	Ronak Mevada
201901430	Meet Gohil

Teaching Assistant: Vaishnavi Ma'am.

Date: April 01, 2022
Version number: version 1
Start Date: 28-02-2022
End Date: 13-05-2022 (Approx. 11 weeks)

1. Activity list - Estimated Activity time.

(a) Formulation of the problem - 7-8 Days.

i. Reading relevant background information - 2 Days

ii. Understanding and documenting the requirements 3 to 4 Days

iii. Discussions - 1 to 2 Day

(b) Designing a solution, documentation - 2 Weeks

(c) Relevant learning - 4 Weeks

(d) Coding and unit testing - 4 Days

(e) Documentation - 2-3 Days

(f) Testing - 5 Days

(g) Reviews - 3 Days

(h) Re-work and debugging - 2-3 Days

2. Project Plan: For each activity, your estimated start date, end date, responsible person(s).

(a) Formulation of the problem

i. Reading relevant background information

Estimated Time: 2 Days
Start date: 08 March 2022
End date: 10 March 2022
Responsible person: Dhruvin Moradiya, Jaimin Moradiya, Dhruv Ukani, Meet Gohil, Ronak Mevada

➔ During this time we have read current blogs and some good articles to understand characteristics, features and functionalities regarding food delivering App. We also tried to find some challenges which can appear in the near future for product delivery apps and also visited some open source projects for gathering information.

ii. Understanding and documenting the requirements

Estimated Time: 3 to 4 Days
Start date: 13 March 2022
End date: 16 March 2022
Responsible person: All group members

➔ During these days we explored current leading platforms that are relevant to our project. From that we understood and gathered requirements, We considered every scenario for different types of users like Customers, Merchant, Managers, Delivery persons. According to the requirements/ User stories of these users we have an understanding of the problem and got enough requirements to begin the design and documentation process.

iii. Discussions

Estimated Time: 1 to 2 Days
Start date: 13 March 2022
End date: 15 March 2022
Responsible person: All group members for group discussion

- ➔ During this time we have arranged two meetings and the agenda of those meetings was to discuss all the unstructured information collected by all the members and then form a well-organized structure to build a well-functioning app.

(b) Designing a solution, documentation

Estimated Time: 2 weeks
Start date: 20 March 2022
End date: 3 April 2022
Responsible person: Dhruvin Moradiya, Darshan Gohil, Dhruv Ukani, Meet Gohil

- ➔ During those weeks we will be focusing on the Data Flow Diagram of the system. There will be three levels of DFD. If needed we will be adding one more level. For the design purpose, UML diagram and Use case diagram, and related documents will be prepared during this period. From the information we have gathered in the past from that we will design a SQL database diagram for a Web App.

(c) Relevant learning

Estimated Time: 4 Days
Start date: 4 April 2022
End date: 8 April 2022
Responsible person: Dhruvin Moradiya, Jaimin Moradiya, Dhruv Ukani, Meet Gohil, Ronak Mevada

- ➔ Problem Statement: Basic information about project title/problem. Team research about related information and gathered answers to some questions. How does an online food ordering system work ?, Pros and cons, How much do customers prefer online food ordering over physical shopping for food?
- ➔ SRS: while performing this activity we have learned about various methods of collecting data like public review, and questionnaires with experienced people. We also learnt which kind of functionality can be added and discussed what kind of challenges we can face while we will implement it.
- ➔ DFD : During this activity we explored a new software named power designer. We used this software to create different levels of DFD. All information related to dataflow in the food ordering system, data storage and functionalities were implemented in DFD.

(d) Coding and unit testing

Estimated Time: 4 Days
Start date: 9 April 2022
End date: 13 April 2022

Responsible person: Dhruvin Moradiya, Jaimin Moradiya, Darshan Gohil, Dhruv Ukani, Meet Gohil

- ➔ During this timeline web-app will be developed with basic functionality and testing will be done during this phase. After the completion of the required functionalities, we will develop some strategies for unit testing. Further testing will be done in the future.

(e) Documentation

Estimated Time: 2-3 Days
Start date: 14 April 2022
End date: 16 April 2022
Responsible person:

(f) Testing

Estimated Time: 5 Days
Start date: 17 April 2022
End date: 21 April 2022
Responsible person:

(g) Reviews

Estimated Time: 5 Days
Start date: 22 April 2022
End date: 27 April 2022
Responsible person:

(h) Re-work and debugging

Estimated Time: 2-3 Days
Start date: 28 April 2022
End date: 1 May 2022
Responsible person: