



Dhirubhai Ambani  
Institute of Information and Communication Technology

## **IE314 - Software Engineering**

**Track: Food based app like Zomato, Swiggy**

**Title: FoodShades**

**Group:41**

**TA: Vaishnavi Ma'am**

**Date of Submission: 1st April, 2022**

**Version: 1**

**Group Members:**

<b>Name</b>	<b>ID</b>
Harmi Shah	201901007
Nirali Odedara	201901115
Foram Mehta	201901127
Dharti Ikharwala	201901243
Pratyaksha Maheshwari	201901282
Keyur Champawat	201901458

# **Project Management Document :**

## **1. Activity List:**

### A. Formulation of the problem

1. Reading relevant background information:  
5 Hours Approx. | Task done
2. Understanding and documenting the requirements:  
7 Hours Approx. | Task done
3. Discussions: 1 Hour/week

### B. Designing a solution documentation

1. Basic implementation and rough design: 3 hours | Task done
2. Final designing: 10-11 hours | To be done by 5th May 2022

### C. Relevant learning

1. Frontend and backend: 9-10 hours | To be done by 30th April 2022

### D. Coding and unit testing

1. Requirements: 4 hours | Task done
2. Further implementation: 16 hours | To be done by 30th April

### E. Documentation

1. Ongoing process everyday with every new additional data and task been done
2. Final documentation to be ready by 5th May.

### F. Testing

1. Pre-trial and unit testing: 4 hours | To be done by 14th April 2022
2. Final Trial run and Implementation are to be done by 30th April 2022

### G. Reviews:

### H. Rework and Debugging

1. Phase 1: 4 hours | To be done by 15th April 2022

2. Phase 2/ Final system creation: 8-9 hours | to be done by 4th may 2022

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

Activity	Start Date	End Date	Responsible Person
Formulation of the problem	19/03/2022	26/03/2022	All members
Designing a solution documentation	26/03/2022	05/05/2022	Harmi, Nirali
Relevant learning	20/03/2022	30/04/2022	All members
Coding and unit testing	29/03/2022	30/04/2022	Dharti, Pratyaksha
Documentation	25/03/2022	05/05/2022	Foram, Keyur
Testing	01/04/2022	04/05/2022	Dharti
Rework and Debugging	10/04/2022	05/05/2022	All members

### 3. Testing Strategy:

#### Test cases for the design

A)

**Title:** Register to the website or app

**Description:** User should be able to successfully register to their account on the website/app

**Preconditions:** User must have an email address and contact number

**Assumptions:** They are using a supported device or browser to register

**Test Steps:**

- i) Open website or app
- ii) Make the username and password in the appropriate fields and fill in the appropriate personal information.
- iii) Click "Sign Up"

**Expected Result:** The user should sign in successfully

B)

**Title:** Login to the website or app

**Description:** User should be able to successfully log in to their account on the website/app

**Preconditions:** User must already be registered and use their correct login details

**Assumptions:** They are using a supported device or browser to log in

**Test Steps:**

- i) Open website or app
- ii) Enter the username and password in the appropriate fields
- iii) Click "login"

**Expected Result:** The user should log in successfully.

C)

**Title:** Show/search in the website or app

**Description:** User should be able to successfully search/see the products on the website/app

**Preconditions:** User must have an account and logged in

**Assumptions:** They are using a supported device or browser to register

**Test Steps:**

- i) Open website or app
- ii) search item

**Expected Result:** The user should see the results for searched item

D)

**Title:** Add to cart

**Description:** User should be able to successfully select item and add it to the cart from their account on the website/app

**Preconditions:** User must have an account and logged in

**Assumptions:** They are using a supported device or browser to register

**Test Steps:**

- i) Open website or app
- ii) Select item
- iii) Click add to cart

Expected Result: The user should be able to see the item on add to cart.

E)

**Title:** Place order

**Description:** User should be able to successfully place order from their account on the website/app

**Preconditions:** User must have an account and logged in

**Assumptions:** They are using a supported device or browser to register

**Test Steps:**

- i) Open website or app
- ii) Select item
- iii) Select time and date
- iv) Enter address
- v) Select Place order

Expected Result: The user should be able to place an order.

F)

**Title:** Payment

**Description:** User should be able to successfully make payment from their account on the website/app

**Preconditions:** User must have an account and logged in

**Assumptions:** They are using a supported device or browser to register

**Test Steps:**

- i) Open website or app
- ii) Select item
- iii) Select time and date
- iv) Enter address
- v) Select Place order
- vi) Select payment method
- vii) Click Make Payment

Expected Result: The user should be able to make payment.

➤ Basic Implementation:

- Schedule: 2nd April - 5th April
- Person Responsible: Dharti, Pratyaksha
- Expected Result: Implement basic functionalities and requirements

➤ Designing:

- Schedule: 2nd April - 20th April
- Person Responsible: Harmi, Nirali
- Expected Result: Basic design of the web application will be created

➤ Documentation:

- Schedule: 2nd April - 30th April
- Person Responsible: Foram, Keyur
- Expected Result: Changes as per the reviews

**4. Any other special activities and an appropriate breakup with estimation, as recommended by the standard fixed.**

→ Nothing right now, if something comes up will add it in the future.