



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: 15th April, 2022

Version: 2

Group Members:

Name	ID
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 25th 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 5th May 2022

2. Phase 2/ Final system creation: 8-9 hours | to be done by
10th 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.