



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: 29th April 2022

Version: 3

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: 9-10 hours| Task done
2. 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 | Task done

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 May 2022
2. Final Trial run and implementation will be done by May 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.