Technical Document – Annexure I
Single Vendor E-commerce
Application

Contents

Annexure I

1. Project Overview

✓ **Business Need**

Client is looking for an application where user will be able to view the details of the products provided by the company. User can view and book the products. User will receive the order and then use it. User can view the order status. Admin can update the products and view orders from the Panel.

✓ **How the platform would help in achieving the business need**

Using the application, user would view the details of the products and book the same. Admin can update the products will receive details of the order and assign drivers to the same.

✓ **Stakeholders**

Actor	Task
End User	Users will view product details and book the order
Admin	Admin will manage the app from backend and assign the Drivers to orders

✓ **Project Scope and Development Deliverables**

This project scope comprises of the following components to deliver:

- Design and Development of Mobile Application for End User (iOS & Android)
- Design and Development of Mobile Application for Drivers (iOS & Android)
- Development and Integration of API
- Development of Admin Web Panel

2. Technologies

Development Phases		Tools & Technology
Requirement Gathering and Analysis	Proposal Drafting, SRS Writing and User Flow Diagram	Microsoft Office Word 2019 / Microsoft Office Presentation 2019 / Microsoft Office Vision 2019
	Wire Framing	Axure / UiZard
Development	Application	Flutter / React Native
	Web Panel	Angular
	Backend	PHP (Laravel)
	Database	MongoDB / MySql
Version/s Supported	Android	9.0 and above
	iOS	13.0 and above
	Browser	Google Chrome, Safari, Mozilla Firefox
Quality Assurance & Testing	Test Cases	MS Office Excel 2019
	Testing	Manual

3. User Flow Diagram
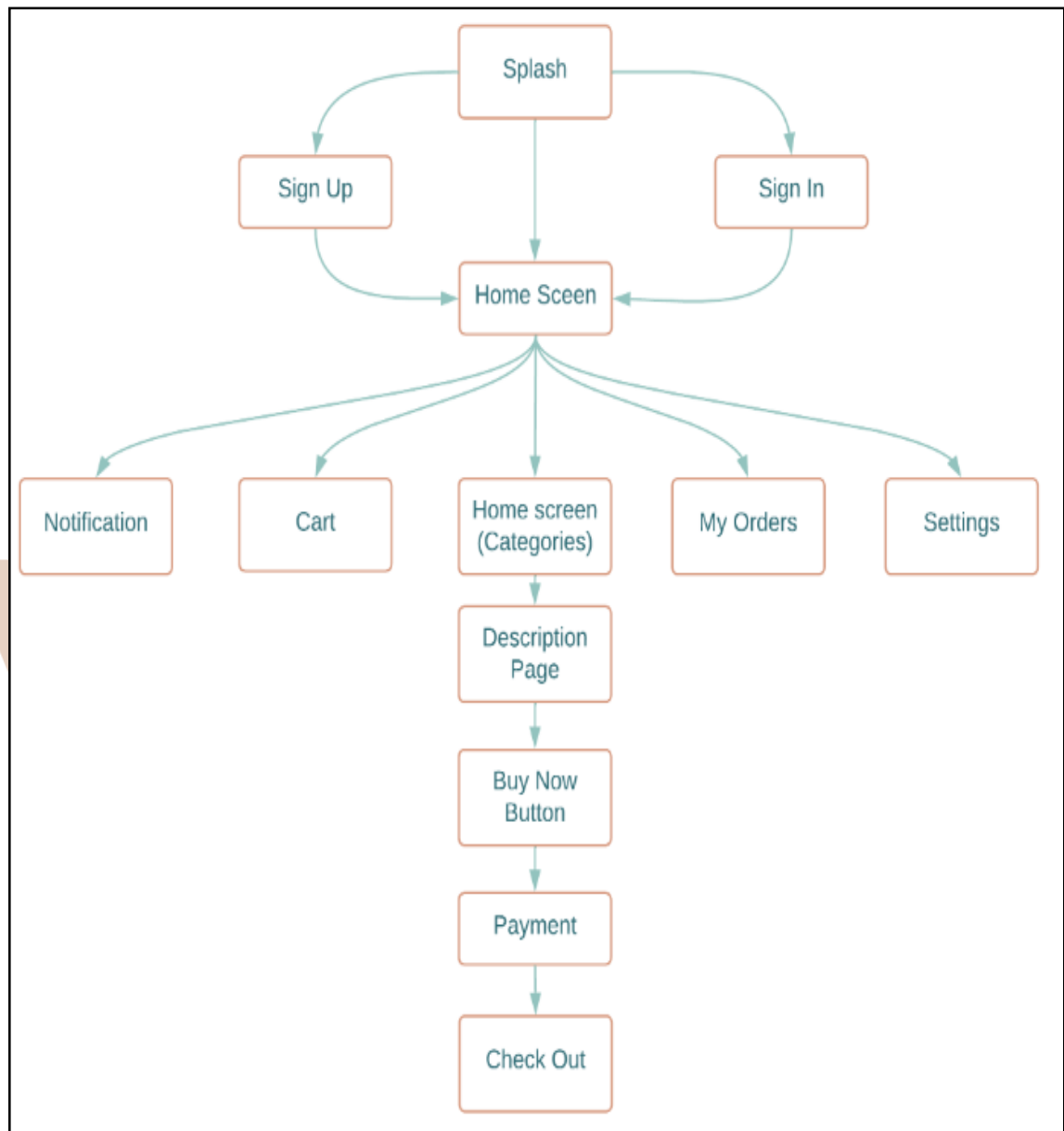
4. Features and Scope of Work

4.1. User Flow of End User

➢ **Splash Screen**

- The launch screen of the Application where end users will be able to view the company's logo.

➢ **Authentication**

- **Sign In**

  o User will be able to login into the application using the below details:
    - E-mail ID or Mobile Number
    - Password or OTP

- **Forgot Password**

  o Clicking on this user would be redirected to the Forgot Password screen where user need to enter the below details:-
    - Mobile Number (To receive the OTP for verification).
    - OTP

  o After the OTP is verified user would be asked to mention below details in order to change the password:-
    - New Password
    - Confirm New Password

- **Sign Up / Register (As Customer)**

  o Customers will be able to register using below details: -
    - First Name & Last Name
    - E-Mail ID
    - Mobile Number
    - Password
    - Confirm Password
    - Checkbox for Terms and Conditions

- **OTP Verification**
  - o Sign-up process has to be verified through mobile number

➢ **Home Screen**
  - This screen would contain latest products updated by the Admin on the home-screen
  - This screen would be the main screen of the application and would comprise of below details: -
    - o **Home Screen**
    - o **Cart**
    - o **Search Products**
    - o **My Orders**
    - o **Notifications**
    - o **Settings**

➢ **Search**
  - User will be able to search any particular product by using its name through search bar

➢ **Product Categories**
  - User will be able to view the list of different categories of products.
  - Upon clicking of that particular item would be visible

  - **Particular Item**
    - o User will be able to click on any particular item to see the description, image, and cost of that item.
    - o User will be able to add that particular item into the cart and continue the shopping to purchase more products/items.
    - o As soon as user clicks on "Add to cart" button user will be re-directed to cart screen.

➢ **Cart**
  - User will be able to View/Edit/Delete/Add the list of items he has added in the cart.

- User will be able to see the Image, Title, Quantity and Price of the particular item and will also be able to see total number to items in the cart and sub-total amount of all the items in the cart

➢ **Checkout**

- While checking out user will have to complete following steps :-

  o **Step 1:-** User will have to add address first. User will also be able to use already saved address. It will be a mandatory step.

  o **Step 2:-** Once user will have added or selected address then user will be able to make the payment

➢ **My Orders**

- User will be able to view the past and scheduled orders on the application along with product details, amount and contact number
- User will be able to view the cancelled, past and scheduled order on the application

- **Cancelled Order**

  o User can view all the details of the cancelled order along with product details and history

- **Past Order**

  o User can view all the details of the order along with product details and history

- **Order In-transit**

  o Users can view all the details of upcoming order with all the details along with date & time

  o User will have option to cancel the order and provide the reason

  o Refund will be initiated for the same outside the platform

Note: - The status of the order will be maintained from the backend.

- ➤ **Notifications**
    - • User will receive different kinds of notification on application

- ➤ **Settings Icon**
    - • Clicking on this user would be redirected to the screen displaying My Account details with below options: -
        - o **Profile**
            - ▪ Option to view or update the profile settings.
        - o **Password**
            - ▪ Option to update the password.
        - o **Email**
            - ▪ Option to view or update the e-mail ID.
        - o **Addresses**
            - ▪ Option to view or update the address.
        - o **My Cards**
            - ▪ Option to view, add or delete the saved payment cards.

4.2. User Flow for Drivers Application

➢ **Splash Screen**

- The launch screen of the Application where end users will be able to view the company's logo.

➢ **Authentication**

- **Sign In**
    - o Drivers will be able to login into the application using the below details:
        - ▪ E-mail ID or Mobile Number
        - ▪ Password or OTP

- **Forgot Password**
    - o Clicking on this Drivers would be redirected to the Forgot Password screen where user need to enter the below details:-
        - ▪ Email ID/Mobile Number (To receive the OTP for verification).
        - ▪ OTP
    - o After the OTP is verified Drivers would be asked to mention below details in order to change the password:-
        - ▪ New Password
        - ▪ Confirm New Password

        Note:- Credentials will be provided by Admin to the Drivers

➢ **Home Screen**

- Drivers have option to see other sections which are listed on application are as below:-
    - o My Orders
    - o Notifications
    - o Account

➢ **My Orders**

- Drivers will be able to view the list of orders assigned

- Upon clicking of that, Drivers will view the map details along with the address location of the user where the card is to be delivered

- Drivers can mark the status as delivered

- Drivers can also view the delivered orders in a separate section called Past Orders

Note:- if the order has been cancelled, driver will be notified and the cancelled order will be visible on the list view

➢ **Notifications**

- Drivers will receive different notifications on the platform

➢ **Settings Icon**

- Clicking on this user would be redirected to the screen displaying My Account details with below options: -

  o **Profile**

    ▪ Option to view profile settings.

  o **Password**

    ▪ Option to update the password.

4.3. Administrator Web Panel

The back end of the platform will be power packed with an administrative panel to manage the updates of data at the application level, website level and as well as back end.

Following would be the key functionalities:

➢ **Login**

- Admin will be able to login using username & password

➢ **User Management**

- This section would be used to view, edit or delete the customers.
- Admin would be able to enable and disable the customers.
- Admin can view size fit of the user selected by the user or scanned by the user

➢ **Product Catalogue Management**

- Admin will be able to manage the Product Catalogue and their prices from the back end.
- Admin will be able to add/delete any product category from the back end.
- Admin will be able to list any product under any category from the back end.
- Admin will be able to remove already listed product from any category from the back end

➢ **Transaction Management**

- Admin will be able to search and view transaction history on the basis of week, month or customized date from the record

➢ **Order Management**

- Admin will be able to manage the order record from the back end.
- Admin will be able to view/search/delete any particular order's data from the record.
- Admin will be able to view order history on the basis of week, month or customized date from the record
- Admin will be able to assign the drivers to the order

➢ **Notification Management**

- This section would be used by admin panel to push notifications to the front end users.

➢ **Content Management**

- Admin will be able to manage (Add/View/Edit) the static contents.
  - o About Us
  - o Terms and Conditions.
  - o Privacy Policy

NOTE- Client must provide all the 3rd Party APIs required for the development of the application.

5. Draft Delivery Timeline and Gantt chart

Planned Project Start Date	Scheduled Project Completion Date
Project Duration*	93
22-Jan-24	13-May-24

Draft Gantt Chart - Single Vendor E-commerce
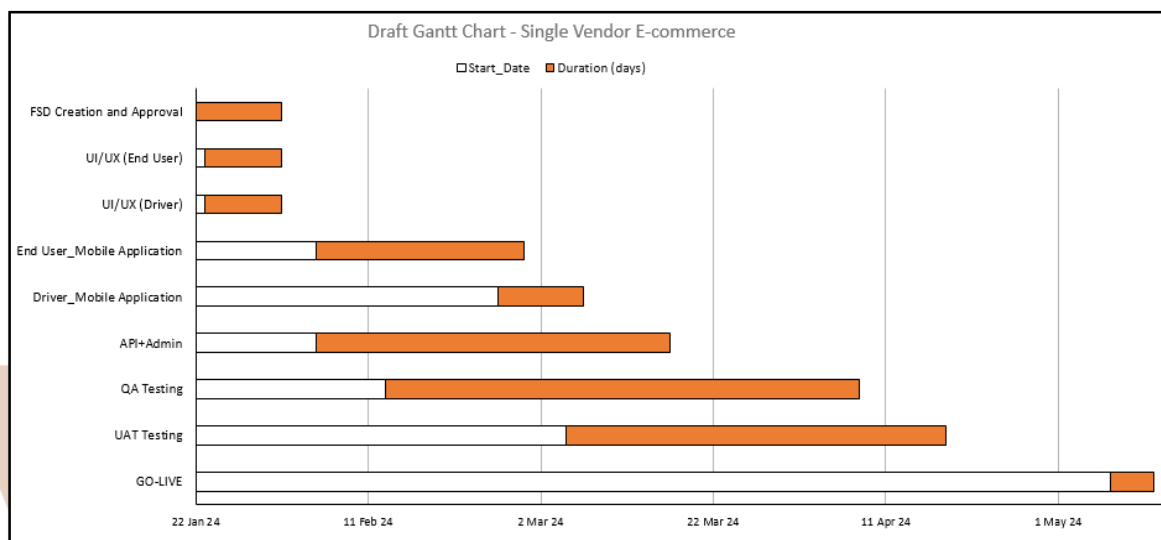
*Project Duration would be met with a condition that the client responses are received on time.

6. Project Management

Before Project is awarded			
Business Analysis	**Project Management / Software Development**	**Business Development / Sales**	**Accounting**
1. Project Identify / Analysis 2. Develop one-page proposal overview 3. Create project management overview 4. **Alexis** assigned to business manager GBM *GBM: Global Business Manager*	5. Project Evaluation by technical teams 6. Introduction call 1 on 1 interaction with **Alexis** 7. System appropriate services determined 8. Requirements / System application architecting 9. Project needs analysis 10. Detailed proposal development 11. Cost and Time effort estimation	12. Introduction call 13. Deliverables discussed with **Alexis** 14. Milestones discussed 15. Project success discussed 16. Future growth alignment 17. Detailed proposal provided 18. Payment instructions	19. Invoice submitted to **Alexis** 20. Payment received 21. Payment confirmation sent to **Alexis** 22. Account forwarded to PM

After Project is awarded			
Phase 1	**Phase 2**	**Phase 3**	**Phase 4**
1. Project manager assigned 2. Project initiation/ introduction call 3. Online project profile created 4. Weekly project meetings scheduled 5. Reporting formats explained to Alexis	6. Design, Development / technical teams assigned 7. Project start 8. **Alexis** feedback on weekly 9. Weekly project feedback session- 30 min 10. Reports available on-line 11. Online Rebel catering access of PM system application	12. Testing / Quality Assurance 13. Live server testing 14. Final bugs issues fixed 15. Campaign completed	16. Periodic project maintenance 17. Data backups 18. Web site – System application upgrades 19. On line marketing ** Optional

7. Proposed Team of Project

The proposed team to achieve the deliverables in a time span of 18 Business Weeks comprising of 40 hrs./week is as follows

Designation	Availability
Project Manager	Part Time
Project Expert	Part Time
Designers	Full Time
Developers	Full Time
Quality Analyst	Full Time

8. Assumptions and Constraints

This section would have the list of all the assumptions that have been considered during the development of proposal accompanied with the list of constraints (i.e., technology restrictions) that would be beyond anyone's capabilities.

8.1. Constraints

- Timeline is simply based on features mentioned in the document and something other than that would be considered as a change request or extra efforts whose cost will be based on additional effort required.

IN WITNESS WHEREOF, both parties here have to agree the finalized scope for this project as of the date.

For: Alexis

Signature:

For: WebMobril Inc.

Signature:

_____   _____