Technical Document – Annexure I
of
Your Freedom Mobile Application

Contents

Annexure I

1. Project Overview

✓ **Business Need**

Client needs an innovative open-platform application where the app provides users with a dynamic space to articulate and offers a streamlined user experience, facilitating real-time interactions through intuitive features for posting, commenting, and engaging with content. Its user-centric design prioritizes unrestricted dialogue, promoting diverse discourse and facilitating impactful conversations.

✓ **Solution Suggested**

With a tech-forward interface, [Your Freedom App] leverages cutting-edge functionalities to encourage seamless connectivity and engagement.

✓ **Stakeholders**

Actor	Task
End User	User will register themselves on the platform ,will share their thoughts and other users will interact
Admin	Will manage the whole platform from admin panel

✓ **Project Scope and Development Deliverables**

This project scope comprises of the following components to deliver:

- Design and Development of Mobile Application for end users (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 Backend	Node.js / 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. Features and Scope of Work

3.1. User Flow of Deliverable 1

➢ **Splash Screen**

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

➢ **Authentication**

- **Sign In**
  - The Employee will be able to login into the web app using the below details:
    - Email ID
    - Password

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

- **Sign Up**
  - Users will be able to sign up using below details: -
    - Full Name
    - E-Mail ID
    - Password
    - Confirm Password
    - Username
    - Bio
    - Profile picture

- Accept Terms and Conditions (Checkbox)
- Submit (Button)
- Social Sign Up

➢ **OTP Verification**

   o Sign-up process has to be verified through mobile number.

➢ **Home Screen:**

- User is directed to the home screen displaying a personalized timeline.

- Timeline showcases tweets from users they follow, including text, images, and videos.

- Real-time updates ensure the latest content is visible.

➢ **Tweeting:**

- User taps on the "Compose" button.

- Composes a tweet by entering text, attaching media (photos, videos), and using mentions or hashtags.

- Option to add location to the tweet.

➢ **Interacting with Tweets:**

- User can like a tweet by tapping the heart icon.

- User can retweet a tweet, sharing it with their followers.

- Commenting on tweets is done by tapping the speech bubble icon.

➢ **Notifications:**

- User receives push notifications for new followers, likes, retweets, and mentions.

- Notifications tab shows a history of these interactions.

➢ **Messaging:**

- User accesses the messaging feature from the bottom navigation.

- Initiates a private conversation by selecting a user and sending text, images, or videos.

➢ **Profile:**

- User taps on their profile icon to access their profile.

- Views and edits personal information, including username, bio, and   profile picture.

- Views tweets, followers, and following lists.

➢ **Follow/Following:**

- User explores the "Discover" or "Search" feature to find users to follow.

- Follows other users to see their tweets in their timeline.

- Accesses "Followers" and "Following" tabs to manage connections.

➢ **Trends:**

- User explores the "Explore" section to discover trending topics and hashtags.

- Clicks on a trend to see related tweets and join the conversation.

➢ **Search:**

- User utilizes the search bar to find specific users, tweets, or trending topics.

- Search results display relevant accounts, tweets, and hashtags.

➢ **Bookmarks:**

- User bookmarks tweets by tapping on the bookmark icon on a tweet.

- Accesses the "Bookmarks" section to view saved tweets.

➢ **Safety Features:**

- User can report or block other users in case of inappropriate behaviour.

- Mute feature allows users to silence notifications from specific accounts.

➢ **Logout:**

- User can log out of the application.

3.2. 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:

➢ **User Management:**

- Admin can view a list of registered users.

- Ability to search for users based on usernames, email addresses, or phone numbers.

- View and edit user profiles, including usernames, profile pictures, and bios.

- Manually verify or suspend user accounts if necessary.

➢ **Content Moderation:**

- Admin monitors reported tweets for inappropriate content.

- Ability to review and take action on reported tweets (remove, warn users, etc.).

- Implement automated content filtering algorithms to flag potentially offensive content.

- Set up keyword-based filters to prevent the spread of harmful or abusive content.

➢ **Trend Management:**

- Admin can curate and manage trending topics.

- Review and approve/reject user-generated trends.

- Monitor trends for inappropriate or harmful content.

➢ **Notification Monitoring:**

- Admin receives alerts for unusual or suspicious user activities.

- Investigate and take action on potential spam, bots, or other malicious activities.

- Monitor and address system-generated notifications to ensure smooth platform operation.

➢ **Messaging Oversight:**

- Access and review user-reported private messages for inappropriate content.

- Take appropriate action, such as warning or suspending accounts involved in harassment or abusive messaging.

➢ **Security Features:**

- Admin can review and manage security settings and features.

- Monitor and update security protocols to protect user data and ensure the platform's integrity.

➢ **Compliance and Legal:**

- Ensure the platform complies with relevant laws and regulations.

- Provide necessary tools for legal requests and investigations.
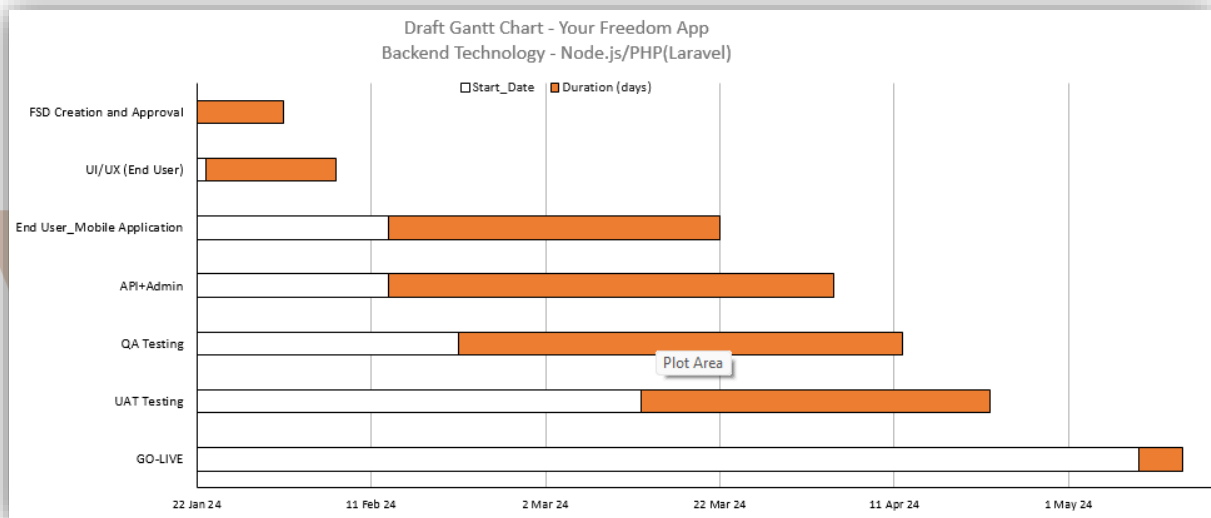
➢ **Logout:**

- Secure and easy logout from the admin panel with appropriate access controls.
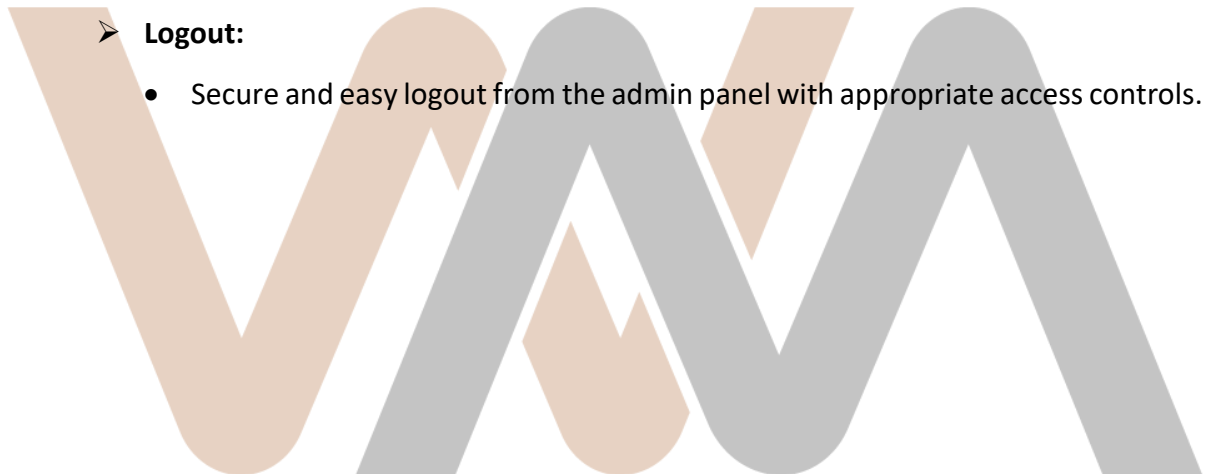
4. Draft Delivery Timeline and Gantt chart

Backend Technology - Node.js / PHP (Laravel)	
Development Start Date	Development End Date
22-Jan-24	15-May-24
Total Project Effort (in person days)	104

Draft Gantt Chart - Your Freedom App
Backend Technology - Node.js/PHP(Laravel)

*Project Duration would be met with a condition that the client responses are received on time.

5. 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. BARAK ZILBERBERG assigned to business manager GBM *GBM: Global Business Manager*	5. Project Evaluation by technical teams 6. Introduction call 1 on 1 interaction with BARAK ZILBERBERG 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 BARAK ZILBERBERG 14. Milestones discussed 15. Project success discussed 16. Future growth alignment 17. Detailed proposal provided 18. Payment instructions	19. Invoice submitted to BARAK ZILBERBERG 20. Payment received 21. Payment confirmation sent to BARAK ZILBERBERG 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 BARAK ZILBERBERG	6. Design, Development / technical teams assigned 7. Project start 8. BARAK ZILBERBERG 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

6. Proposed Team of Project

The proposed team to achieve the deliverables in a time span of 21 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

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

For: BARAK ZILBERBERG   **For: WebMobril Inc.**

Signature: Signature:

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