**Hiferr Mobile App**

**Business Requirements Document**

**Ver 1.0**



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| Date | July 26th , 2022 |  |  |

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# Introduction

## Purpose of this document

This document is aimed at:

* Providing the necessary inputs to the detailed requirements gathering phase and further on for the SDLC processes.
* This document also serves to establish the traceability between the Business Objectives and the requirements identified in the proposed solution and how they satisfy the stated objectives.
* Provide expectation traceability in terms of the requirements and the user expectation
* Serves as a formal template for documenting the Business Requirements which also includes statutory and regulatory requirements.

## Project Overview

To develop a mobile application named- “Social App”. Which will be applicable on both Android and iOS platform. The purpose of this application is for connecting through with the different people around the world, and can see their daily activities and posts through the app. The user can also chat with them and can connect with each other’s.

## Scope

### In Scope

1. Splash Screen
2. User registration Sign up page
3. Login
4. User verification (To get via phone , on registered mobile number)
5. Home page
6. Bottom bar (For Meet, Flash, Chat , Profile)
7. Chat features for messaging
8. Edit profile features
9. Notifications
10. Location

### Out of Scope

* Any additional task which is not included in this scope document
* 3rd party tools integrations or functionality which is not discussed or captured in this document.
* Any unidentified dependent development activity, get identified during the development phase

## Intended Audience

* Social app team
* 3D Graphic UI designer
* Development team (Mobile app development team and backend web developer)
* Augurs Team - Project management group, Delivery Assurance Group & QA group

## Constraints, Assumptions, and Dependencies

Once identified, these assumptions and constraints shape a project in specific, but diverging ways – assumptions bring possibilities, whereas constraints bring limits.

At a minimum, as the project begins, assumptions and constraints must be defined for one or more of the following elements:

* Key project member’s availability
* Key project member’s performance
* Key project member’s skills
* Internal process lead time
* Vendor delivery times
* Vendor performance issues
* Accuracy of the project schedule dates

Project limitations typically fall into several categories.

Our project’s drivers and supporters may have preset expectations or requirements in one or more of the following categories:

**Results:** The products and effects of your project. For example, the new product must cost no more than $300 per item to manufacture, or the new book must be fewer than 384 pages in length.

**Time frames:** there may have a few tasks where the planned timeline may differ from the actual timeline due to the complexity of the hidden scope.

**Resources:** The type, amount, and availability of resources to perform your project work. Resources can include people, funds, equipment, raw materials, facilities, information, and so on.

**Assumptions:**

* The client will provide all content and timely and approvals
* Assuming the details shared by the client are in the scope of development.

**Constraints:**

* Perfectly execution of the Social app infrastructure
* Quality of the features shown on the Social app.

**Dependencies:**

* Discussions with the client to understand the core business activities to convert to business logic and its requirements

# Organization Architecture

## The Hiferr mobile app team

\*Details to be provided by the client

|  |  |  |  |
| --- | --- | --- | --- |
| Name & Position | Primary Responsibilities  (relative to project) | Module | Primary Responsibilities  (relative to application business process) |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## 

## Augurs Technology Pvt. Ltd.

|  |  |  |
| --- | --- | --- |
| **Name & Position** | **Primary Responsibilities (relative to project)** | **Primary Responsibilities**  **(relative to application business process)** |
| Ana (Business Analyst) | Overall project management both from  Client-end and development team. | Managing complete project. Responsible for solving any concern of the client, team. |
| Peter (Project Manager) | Overall Project  Management and its Closure & Testing each and every aspects and milestones of the project to deliver a good quality of work. | Managing the whole project from the scratch |
| Development team | Responsible for the development of the Hiferr app . | Collect and understand the initial requirement of the application and work accordingly. |

# Business Process Analysis

## Current Scenario

To develop a native mobile app named- “Hiferr app”. Which will be applicable on both Android and iOS platform. The purpose of this application is for connecting through with the different people around the world, and can see their daily activities and posts through the app. The user can also chat with them and can connect with each other’s.

The app will be useful for the social gathering and connecting with the different community and different mindset based users.

## Workflow

The work flow of the Hiferr Mobile application is shown below

* **Splash Screen:** Once the user will open the application the very first screen would be the Splash screen for every users who will visit first time within the application.
* **Sign up:** For every user who wants to register themselves whether they are renters or lenders they must be registered themselves, following below field will be needed for the sign up process within the application**.**
* User name
* Email id
* Password
* Gender
* Age
* DOB (Date of birth)
* Allow location for the user when they choose it.
* **User verification:** The user will receive the 6 Digit OTP on his entered mobile number and after filling it user would be verified, that means his/her details are actual and valid. Then he will go for the Sign up process.
* **Login:** Below are the login fields which user has to fill on the login screen at the time of login.
* User Name
* Email ID
* Password
* Submit button
* **Home Page of the App:** After the login process verified users will redirect towards the home page of the applicationon the home page following below items would be display
* Search bar
* Filters based on categories search features.
* Bottom bar – will have four icons available ( Meet, Flash, Chat, Profile)
* **Profile:** clicking on the profile icon at the bottom bar will open the user profile details page from there user will have the following below given options

User can edit profile, change/set radius, set location, edit/ add pics, will have settings, manage notifications, add restrictions as to who can message, version number, invite friends, all policies, and Terms conditions, unblock contacts etc.

* **Messaging (Chat):** Clicking on it will open the message box of the user over there, it would be the search bar for searching any chat, and by default last few chats will display with the user whom we chatted. Clicking on any one of them will open the chat box and user can chat there. Will have all users chat only. Latest chat comes on top with date and time. Following features will be shown in the chat these are:
* Can send text msgs. Alphabets, Numbers, Symbols etc like any text msg on social media.
* Can send Gifs and Emoji’s
* Clicking on top user will take to user profile
* User can block/Unblock user.
* Message can be sent to anyone and stays in sender’s inbox.  
  Receiver gets message requests. If receiver replies, it comes in inbox.
* Can see date and time message sent/received.
* Can see user last online. Latest message comes on top.
* Show msg notification. A dot or num. To be discussed.
* Will have message count for each user message thread.

* **Flash:** Itwill show all users **who shared status**. Latest status comes on top with date and time for every status. From top right button (**share status**) user can add/delete his status. Status gets deleted after 24 hour or user can delete it manually. Following below mentioned features would be considered these are:
* Will show all status and it will be displayed as in the screenshot which was given.

- All status of highest priority will be displayed first with latest being on the top.

- After status of highest priority, all status of medium priority will be displayed with the latest being on top.  
- After status of medium priority, all status of low priority will be displayed with the latest being on top.  
 Status of highest priority will have written High priority in colored label or small color circle with H P.   
- Status of Medium priority will have written medium priority in colored label or small color circle with M P.  
- On top right will be share status button where user can click and add his status.  
- Status will be displayed in 3-4 lines. Will decide and tell you.

- Status can have letters, numbers, symbols etc.   
- User can choose radius how far users can see his status & it will made as paid later on.  
 - User can set status as High, Medium, or Low priority & it will be made paid later on.

- User can manually delete status or it will be deleted automatically in 24 hours.

* **User Profile fields:**

1. Image
2. Name
3. Age
4. Gender.
5. Keywords – Visible only upon matching
6. Ethnicity
7. Relationship Status
8. Languages
9. City
10. Religion
11. Education
12. Smoking Habit
13. Drinking Habit
14. Drugs
15. About Me
16. Employment

* **Settings page and its functionality:**
* This will come under user profile icon.
* It will have account details such as email and phone number which can’t be changed.
* User can set radius and can set restrictions who can message and who cannot.
* User Can manage notifications for messages, status notifications other notifications etc etc.
* User can delete account without re-logging in and out of app
* User can invite friends to app via sms, whatsapp, Skype, LinkedIn etc.
* User can see app version number which will update automatically when every new version is live.
* User will have all terms and privacy policies etc.
* User can unblock users.
* **General Flow of the app**

1. Nearest user shows on top and so on. Matched user will have a star on his profile.
2. If user type any keyword in search bar, it will show all user profiles that are using that keyword. When user goes **inside** the user’s profile he will see the keyword added to the user profile, that he entered while searching.  
   Other keywords will not be visible. Only the typed keyword or matched keyword.  
   But all skills will be visible in his profile.
3. User can filter users based on age, gender, education etc. from Filter top right. I will give full list of filter field’s option.
4. User can restrict who can send message based on age, gender, demographics etc.
5. If any user has put a **Status in flashed screen top right**, user will get notification, vibrate, and sound like all other notifications. “Someone flashed status nearby”. If user click on notification (on locked screen or banner notification) it takes him to flashed section where I can see status of users with most recent status on top depending on priority. Status will have date and time and message button, profile pic, user’s name & user distance along with priority symbol (High or Medium Priority).
6. Users will also be shown as online now or last online how long ago.

* **Web Admin Panel features:** There would be one admin panel which will be on web platform, from there Admin can manage the entire application and their features at the backend. Below are the main features which will be provided on the admin panel

1. **Admin Dashboard:** It will represents all the features like total users, active users etc.
2. **User Management:** It will represents all the features like user management , user name, email id, DOB, Age etc. admin can view each users profiles from the list and can inactive that user and activate them whenever he wants to do that
3. **User Log:** It will show the details of the users list which will show registered users, last login, active , offline , export user details ,
4. **Filter:** Admin can filter the users as per their name, phone number, gender, name, authenticity, work etc.
5. **Create users:** Admin can create users, admin can change user’s login details.

## Detailed Business requirements (Mobile app features)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Req. # | Requirement ID | Business Requirement | Req. Type \* | Priority \*\* | Originator \*\*\* | BR Traced to Business Requirement/ Use case ID |
| 1 | BR001 | * **UI/UX development In PNG (Both android and Ios)** * Splash screen * Phone number enter screen * OTP screen for verification of the number * Sign up page * Login page * Meet screen * Create meet & Profile page * Add profile & pics with multiple profile * Open dropdown page * Add and create keywords * Add religion dropdown * Status dropdown * Ethnic background * Qualification * Current location with profile data * List of meet people * List fetch with profile location * Search profiles * Skills * Show profile detail with search results highlights match keyword * Give option to msg user * Create filter * Add filter data source * Matched profile with filter data source * Show profile according to filter      * Profile page (Account setting, Profile icon image edit and change, email , phone number, toggle on/off for message and notifications, delete your account, invite friends , app version info at the bottom, unblock the blocked user) * Flash screen page with features * Chat page ( list of chat user’s , search chat , chat notification , clicking on any chat will open chat box, last seen | UI | 1 |  | N/A |
| 2. | BR002 | * **Development & Functionality (Android and Ios)** * XML design of the splash screen, sign up , login, Phone number screen , OTP verification screen * Sign up & login API creation and its implementation * Phone number SMS Key API integration * Internal testing and fixes | F | 1 |  | N/A |
| 3 | BR003 | **Development & Functionality (Android and Ios)**   * Meet screen XML design and features development * Create meet & Profile page * Add profile & pics with multiple profile * Open dropdown page * Add and create keywords * Add religion dropdown * Status dropdown * Ethnic background * Qualification * Current location with profile data * List of meet people * List fetch with profile location * Internal testing and fixes | F | 1 |  | N/A |
| 4 | BR004 | **Development and Functionality (Android & ios)**   * Search profile in meet section development on the basis of keywords * Skills * Show profile detail with search results highlights match keyword * Give option to msg user * Internal testing and fixes | F | 1 |  | N/A |
| 5 | BR005 | **Development & Functionality (Android & ios)**   * Create filter * Add filter data source * Matched profile with filter data source * Show profile according to filter * Internal testing and fixes | F | 1 |  | N/A |
| 6 | BR006 | **Development & Functionality (Android & ios)**   * Profile page development (All the features such as profile edit, notification toggle, app version, unblock the block users , T& C Privacy policy etc) * Flash screen development in XML as per the features * Latest status comes on top with date and time for every status * Flash features complete development * Internal testing and fixes | F | 1 |  |  |
| 7. | BR007 | **Development & Functionality (Android & ios)**   * Chat screen development in XML as per the features * Real time chat integration through firebase * Last seen , online user * Read /unread messages etc. * Internal testing and fixes * Notification functionality though firebase * All the live notifications splashes * Other features * Internal testing and fixes * UAT * Finalization of the app | F | 1 |  |  |

## Business Requirement (Web Admin panel)

| Req. # | Requirement ID | Business Requirement | Req. Type \* | Priority \*\* | BR Traced to Business Requirement/ Use case ID |
| --- | --- | --- | --- | --- | --- |
| 1. | BR001 | * Theme finalization (Checked by client) * Theme set up (All static pages ) * Admin login page * Admin log out page * Dashboard * User management * User log * Filter management * Create user * Internal testing and fixes | F | 1 |  |
| 2. | BR002 | * Login API creation and its implementations for admin * Log out API creation and its implementation * Dashboard features ( Such as total users. Active users) * User management (Such as list of all the registered user as per their details on the mobile app entered, edit user, delete user, view user details) * Internal testing and fixes | F | 1 |  |
| 3 | BR003 | * User log management features development * User details * Last login * Active users * Offline users * Export user details * Internal testing and fixes | F | 1 |  |
| 4 | BR004 | * Create user functionality * Add name * Add email id * Phone number * Change login details of the existing users * Internal testing and fixes * UAT | F | 1 |  |

# Technical specifications

* Android and iOS frontend app development
* PHP/Laravel backend development
* MYSQL Database

# References

Below is the location to get references from client communication

[(To be added by the person communicating with the client)](D:\\Project.Docs\\2020.11.17.e20.io\\2020.11.20.Shared.With.Client\\ATPL-20201117-e20.io\\Client.Discussions)

# Change Log

|  |  |
| --- | --- |
| Version Number | Changes Made |
| V1.0 | Initial baseline created on July 26th , 2022 |
| V1.1 | |  |  |  |  | | --- | --- | --- | --- | | Section No. | Changed By | Effective Date | Changes Effected | |  |  |  |  | |  |  |  |  | |  |  |  |  | |

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