**Zetwal Music App**

**Business Requirements Document**

**Ver 1.0**



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|  | Prepared By / Last Updated By | Reviewed by | Approved By |
| Name | Peter |  | ATPL |
| Role | Project Manager |  |  |
| Signature |  |  |  |
| Date | Aug 5th , 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- “Zetwal Music App”. Which will be applicable on both Android and iOS platform. The purpose of this application is to connect with the singers, music composers, rappers, song writers on one platform, so that they can share the information though common platform. So that all of them can do their tasks on the app individually for whatever roles their fit for. It’s is basically a kind of social app where singer community can connect with each other share their thoughts and keep the things presentable to everyone.

## Scope

### In Scope

1. Splash Screen
2. User registration Sign up page
3. Login Page
4. Forget password
5. Logout (On the login page)
6. Home page
7. Search bar for searching any profile by name through entered keywords)
8. Chat features for messaging group chats list of chats and list on group chats , search chat through keywords
9. Edit profile features
10. Notification functionality
11. Admin features to manage the users at the backend admin section.

### 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

* Zetwal Music app team
* 3D Graphic UI/UX 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 Zetwal music app infrastructure
* Quality of the features shown on the Zetwal Music app

**Dependencies:**

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

# Organization Architecture

## The Zetwal Music 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)** |
| Shailesh (Business Development Manager) | 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 Zetwal Music 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- “Zetwal Music app”. Which will be applicable on both Android and iOS platform. The purpose of this application is to connect with the singers, music composers, rappers, song writers on one platform, so that they can share the information though common platform. So that all of them can do their tasks on the app individually for whatever roles their fit for.

It’s is basically a kind of social app where singer community can connect with each other share their thoughts and keep the things presentable to everyone.

## Workflow

The work flow of the Zetwal Music 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:** User can register their selves following below field will be needed for the sign up process within the application**.**
* User name (First name, Last name)
* Email id
* Password
* Register button
* **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 users will redirect towards the home page of the applicationon the home page following below items would be display
* Search bar (Search users based on the keywords entered)
* Users profiles who have listed in the app
* Clicking on any user profile will show all the information posted for that user. Like- user profile image, Name, status (Lyricist, music composer, singer etc)
* Any user can choose any of the posted link or read the content mentioned by the other users. Watch any clip recorded and uploaded by the user Or any user can see the posts which user has made (If they contents and posts, posted are public only not private).
* Notification icon at the side bar
* Bottom bar – will have four icons available (Home 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 details like- Change profile image, add status such as- Singer, lyricist, producer or composer.
* User can also edit their profile picture by choosing the option for both Camera and gallery
* User can add the lyrics ,add any links any clips to upload in the text box , user can also add the texts in any language by simple copy paste it from the Google translator or through mobile keypads
* **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, Can create any group for chat by adding any of the person whom the user knows. User can see the list of the users whom he /she chatted.
* **Notification:** The notification icon would be on the top right corner of the app on the home screen of the app, user will be notified time by time, so the icon will blink with the numbers. When notification will change.
* **Bookmark:** User can add any profiles for their reference or future view of any selected profiles
* **Bottom Bar:** It will display the icons for Home screen, chat, profile, Bookmark, Add Post.
* **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, Lyricist, composers in numbers only. Etc.
2. **User Management:** User management will have subsections which has the list of users , name, email id , country, status (Lyricist, composers, music writer, etc)
3. Admin can view any users and their ideas and songs posts, link posts etc.
4. Admin can active or inactive the users in the list
5. Admin can search any user by searching through filters like- singer, musician, lyricists, composer, ratings etc.
6. Create user: Admin can create any user, by filling basic details like- Name, email id, password, and status.

## 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 * Sign Up page * Login page * Log out page * Forget Password page * Reset Password * Bookmark page ( List of bookmark users, remove any user from the bookmark) * Home page (Search bar, few random profiles of the users, Notification icon, bottom bar will have Home icon, Chat, Profile) * Notification page * Add post icon ( User can add his post whether he is singer, musician, Lyricists, writer, composer , in the box user have the attachment icons so that he can add any media files like- video, audio etc and list of products added by the user to edit it once and then publish) * Chat page ( With search bar for searching chat with typing keywords , at the bottom list of all the recent chats) * Chat window ( Type message, Last seen, online , offline, text bar for typing any chats, Create group for chat icon in the main chat window ) * Profile page ( Edit profile features, Edit image, Edit name) * Internal testing & Fixes | UI | 1 |  | N/A |
| 2. | BR002 | * **Development & Functionality (Android and Ios)** * XML design of the splash screen, sign up and login page * XML design for forget password, reset password, logout page * Sign up & login API creation and its implementation * Forget Password & Logout API creation and its implementations * Internal testing and fixes | F | 1 |  | N/A |
| 3 | BR003 | * **Development & Functionality (Android and Ios)** * Home page XML designs ( Search bar, few random profiles, bottom bar will have home icon, Profile, chat , Notification icon) * Profile page of the user XML design * Edit / update Profile API creation and its implementation * Edit profile will have the features for edit or upload profile picture from camera or gallery of the phone, edit Name , edit Status from the dropdown * Internal testing and fixes | F | 1 |  | N/A |
| 4 | BR004 | **Development and Functionality (Android & ios)**   * **Add Post** * Tell everyone about Yourself title and below it a Box in which user can add his contents in the text form * **Attachment icon** – User can attach any video , files from his device by clicking on the attachment icon Any files , media, clips * Any link pasted in the box. * Public and Private button to post the content (If chosen public it will display to other users if private it will keep privateonly display to the user privately ) * List of posts added by the user * Edit posts * Internal testing and fixes | F | 1 |  | N/A |
| 5 | BR005 | **Development & Functionality (Android & ios)**   * **Search bar features** * User can search any profile by entering the keywords typed in the search box * Display the results of the searched users below on the home page based on rating and reviews * Choose any of the user profile by clicking on it * XML page design for the View profile of the other users details like Image of the users, name, status, about theirseleves, recent posts (If public). * Internal testing and fixes | F | 1 |  | N/A |
| 6 | BR006 | **Development & Functionality (Android & ios)**   * **Chat & Notification Features development** * Firebase set up for real time chat * Chat page Development in XML * Search bar for searching chats * Recent chats of the users * Search user for chat and redirection of the users in the chat window for chat. * Notifications through firebase * Internal testing and fixes | F | 1 |  |  |
| 7 | BR007 | **Development & Functionality (Android & ios)**   * **Profile page (Others profile** * View profile of the users * View recent posts (If public) * Review and rate on any posts * Request for chat with the user whose profile viewed by other user.(User will be notified in the form of notifications) * Click on any link posted redirect the user towards that page , open recorded clips posted in the app (Play/ Pause) * Internal testing and fixes | F | 1 |  |  |
| 8. | BR008 | **Development & Functionality (Android & ios)**   * Testing of the complete app * UAT * Fixes /Suggestions (If any) * 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 (Static pages ) * Theme set up * Admin login page * Admin log out page * Dashboard (like total users, active users, Lyricist, composers in numbers only) * User management * Internal testing and fixes | F | 1 |  |
| 2. | BR002 | * **User Management development** * List of users joined the app * Name of the users * Email id * Country details * Status (Singer, lyricists, Musician, composer etc.) * Search users by the help of the filter applied ( Like- review, rating, singer, musician, composer, Lyricists) * View user Contents (If public) * Active/Inactive user * Internal testing and fixes | F | 1 |  |
| 3 | BR003 | * Create users * Admin will create users * Form creation for creating user * Fill details like name, email id , country, status, Image upload * Internal testing and fixes | F | 1 |  |
| 4 | BR004 | * Admin Profile edit * Edit name * Edit profile pic * Update profile * Logout from the admin section * Internal testing and fixes * UAT | F | 1 |  |
| 5. | BR005 | * Testing of the web admin panel * Fixing the issues/ suggestions * UAT * Project handover |  |  |  |

# 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 Aug 5th , 2022 |
| V1.1 | |  |  |  |  | | --- | --- | --- | --- | | Section No. | Changed By | Effective Date | Changes Effected | |  |  |  |  | |  |  |  |  | |  |  |  |  | |

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