

SRS DOCUMENT

MELOFI – MUSIC STREAMING PLATFORM

INDEX

1. INTRODUCTION

1.1. PURPOSE

1.2. PRODUCT SCOPE

2. INTENDED USERS

3. FEATURES

4. TECH STACK

4.1 WEBSITE

4.2 MOBILE APPLICATION

5. CONCLUSION

1. INTRODUCTION:

This document provides a comprehensive overview of the software requirements for 'MeloFi' music streaming platform.

1.1 PURPOSE:

The purpose of MeloFi is to provide users a music streaming service where they can access millions of songs and listen to high quality audio from creators around the world.

1.2 PRODUCT SCOPE

MeloFi is a music streaming platform that lets users explore, play and manage music across the web and mobile. It provides high quality music streaming, allows users to connect with other users and join them and listen to music together and the User Interface ensures a seamless and enjoyable user experience.

2. INTENDED AUDIENCE:

-LISTENERS:

The primary intended audience of MeloFi consists of young adults specifically Gen-Z and Millennials

-CREATORS:

The MeloFi platform acts as a platform where creators can publish music, create albums and earn revenue.

3. FEATURES:

>> User Authentication:

- Registration (email/mobile-number, password)
- Login-Logout
- Reset password

>> Music Playback:

- Play, play, skip, repeat and move to any part of the song.
- Progress bar and volume control.
- Shuffle and Repeat song options.
- Song Lyrics.

>> Playlist and Library:

- Create and delete playlists.
- Add, remove and reorder songs on the playlist.
- Like songs
- Follow artists and users.

>> Browse and Explore:

- Search songs, artists, playlists or users.
- Personalized playlist suggestions based on your listening history.
- Browse playlists based on different genres.

4. TECH STACK:

4.1 Website :

- Front-end: React.js
- Back-end: Flask and REST API's
- Wireframe: Figma and Moqups

4.2 Android application:

- Front-end: Kotlin and Jetpack Compose
- Back-end: Python
- Wireframe: Figma and Moqups

5. CONCLUSION:

This document provides the general product description and feature specifications. The goal of this project is to deliver a high-quality music streaming platform with personalized playlist suggestions and seamless listening and browsing experience. This document has been created with the help of various research and depending on the demands of the customer. However, some little specifications are prone to change in the future.