

Collaborative Music Playlist App

SRS Document for Collaborative Music Playlist App

1. Purpose: The purpose of this SRS document is to define the scope, requirements, and deliverables of the Collaborative Music Playlist App.

2. App Name: Collaborative Music Playlist App

3. Scope: The app will allow users to create and share collaborative playlists with friends.

4. Functional Requirements:

1. User registration and login
2. User profile creation and management
3. Collaborative playlist creation and management
4. Search and playlist viewing functionality
5. Users can add and remove playlist members
6. Users can rate and review playlists
7. Users can view and share playlists via social media platforms
8. User authentication and authorization
9. User privacy and data protection

5. Requirements Document:

- Requirement 1: User Registration and Login
 - Username and password as the primary authentication method
 - Registration and login functionality should be user-friendly, allowing users to create an account easily
- Requirement 2: User Profile Creation and Management
 - Users should be able to create a profile to store basic information about themselves, such as name, location, and interests
 - Profile information should be visible to other users and searchable by other users
- Requirement 3: Collaborative Playlist Creation and Management
 - Users should be able to create collaborative playlists by selecting songs from their own playlists and adding additional songs
 - Collaborative playlists should be viewable by other users who are members of the playlist
- Requirement 4: Search and Playlist Viewing Functionality
 - Users should be able to search for songs in the app using keywords or a search bar
 - Playlists should be viewable in a list format, with each song displayed in detail with information such as artist, title, and album art
- Requirement 5: Users can add and remove playlist members
 - Users should be able to add and remove playlist members based on their preferences
- Requirement 6: Users can rate and review playlists
 - Users should be able to rate and review playlists they have created or contributed to

- Ratings should be visible to other users and searchable by other users
- Requirement 7: Users can view and share playlists via social media platforms
- Users should be able to view and share playlists via social media platforms, such as Facebook, Twitter, and Instagram

6. Testing Plan:

1. Regression testing: All features and functionality of the app should be tested for regression issues before launch
2. User Acceptance Testing (UAT): All user-facing features and functionalities of the app should be tested by end-users before launch
3. Quality Assurance (QA): All user-facing features and functionalities of the app should be tested for quality assurance before launch

7. Design Document:

- Design Requirements:

1. User Interface (UI) and User Experience (UX)

- User-friendly and intuitive interface design
- Easy navigation and searching functionality
- Clear and concise user instructions
- High-quality visual design

2. User Flow

- Flowchart or diagram of how users interact with the app
- Clear and concise user flow diagram

3. Navigation

- Clear and concise navigation menu for all pages
- Navigation bar should be visible and easy to use

4. Content

- Ensure that the app provides a wide variety of music options
- Ensure that the app provides a clear description of each song and its artist or band
- Ensure that the app provides accurate song metadata such as album art, genre, and artist biography

8. Internal Documentation:

- Internal Requirements Document (IRD)

1. Internal Requirements Specifications (IRS)

- Specific requirements for internal development team

2. Internal Test Plan

- Test plan for internal testing
- Priority and scope of testing
- Testing plan for each feature or functionality

3. Internal Design Specification

- Design specifications for internal development team
- User interface (UI) and user experience (UX) design
- Accessibility requirements

9. Software Requirements Document (SRD):

- Requirement 1: User Registration and Login
- Username and password as the primary authentication method