

Functional Requirements

User registration login:

- Users must be able to create an account using email and password
- Users must be able to securely log in and log out
- The system must store user information for personalization.

Song Search and browsing:

- Users must be able to search for songs by name or artist.
- The system must show accurate search results quickly.
- Users must be able to browse recommended or popular songs.

Music playback:

- Users must be able to play, pause, resume and skip tracks.
- The system must provide high-quality audio streaming with no interruptions.
- Playback must continue smoothly even while navigating other pages in the app.

Playlist management:

- Users must be able to create playlists and give them custom names
- Users must be able to add or remove songs from playlists
- Users must be able to view and save multiple personal playlists

Most played & shuffle mode:

- The system must track frequently played songs and display them in a "Most Played" list
- Users must be able to activate shuffle mode for random playback

Recently Played Songs:

- The system must automatically save a history of recently played songs.
- Users must be able to access and replay tracks from the Recently Played list.