Assignment 1 - Vision and Scope Document

Team [25]

September 5, 2025

1 Project Vision

1.1 1.5 Vision Statement

Our system shall allow people to organize their own music, listen to it, and enjoy it without advertisements. It will be simple, intuitive, and enjoyable to use.

1.2 1.x Additional Section Title (except 1.1)

1.3 2.x Additional Section Title (except 2.1)

2 Use Case Document

2.1 Add Songs to a Playlist [UC1]

Primary Actor: User
  Preconditions:

- The user must be logged into the system.

- The user must have a playlist that has already been created.

  Success Guarantee: The song selected by the user is added to the playlist.
  Main Success Scenario: The user opens a playlist that already exists. They select the "add song" option. They search for a song (see UC4) and select it. The system adds the song to the playlist and confirms successful addition.
  Extensions / Alternate Scenarios: If the song is already in the playlist, the system displays "This song has already been added to the playlist."
  Miscellaneous / Open Issues: Possibility to add multiple songs at once.

2.2 Search Song [UC2]

Primary Actor: User
  Preconditions:

- None

  Success Guarantee: The system returns relevant songs matching the user's search criteria.
  Main Success Scenario:

1. The user selects the "search" option.

2. The user enters a search query (song name, artist, album, etc).

3. The system searches the music database.

4. The system displays a list of matching songs.

5. The user can view details of a selected song.

  Extensions / Alternate Scenarios:

- If no results are found, the system displays "No songs found."

- If the search query is empty, the system prompts the user to enter a valid search term.

Miscellaneous / Open Issues: Consider supporting advanced search filters (e.g., album, genre, release year).

2.3 Brief Use Cases

- **Brief Use Case 1 [UC5]**: The user is able to generate a link to share their playlist with friends, family, and the community.

- **Brief Use Case 2 [UC6]**: ...

3 Project Estimation and Prioritization

Below is a table with prioritized use cases:

Use Case	Time Estimation	Priority
UC1	10	P1
UC4	12	P1
UC5	8	P2

4 Project Plan and Schedule

Week	Use Cases	Expected Hours	P.O. (Initials)	Sprint	Consultation
1	None	XX	AB	1	**A1 Presentation**
2	UC1, Android skeleton	XX	AB	1	Model Drafts
3	UC4, UC5	XX	CD	2	**A2 Presentation**
4	UC6, UC7	XX	CD	2	Dev support
5	UC8, UC9	XX	EF	3	**A3 Presentation**

5 Project skeleton

Link to your Github. Indicate who owns which account. Ensure everyone performs a small commit.