

REQUIREMENT SPECIFICATION DOCUMENT FOR AN MP3 READER APPLICATION

1. Introduction

1.1 purpose

1.2 intended audience and reading suggestions

1.3 project scope

2. Overall Description

2.1 Project functions

3. Goals

4. Functional/Users requirements

5. Nonfunctional requirements

6. System requirement

1.1 purpose:

An MP3 reader application is a software that allows users to play MP3 files on your device. The purpose of an MP3 reader application is to provide a user-friendly interface to play, pause, stop, and skip MP3 files.

1.1 Intended audience and reading suggestions

Our intended audience for this MP3 reader application is our lecturer. In this manner our application is been created and offered to this audience for approval and acquaintance for future progress.

1.2 Project scope

These tasks may range from adding a playlist, being able to play, pause, stop, and skip MP3 files.

2. OVERALL DESCRIPTION:

1. Project functions:

An MP3 reader application is a software that allows users to play MP3 files on your device. The purpose of an MP3 reader application is to provide a user-friendly interface to play, pause, stop, and skip MP3 files

3. Goals

- The Application should allow users to add mp3 files.
- The Application should be able to read mp3 files.
- The Application should allow users to pause mp3 files.
- The Application should allow users to skip mp3 files.
- The Application should allow users to stop mp3 files.

4. Functional/users Requirement:

- The application shall be able to add and remove songs in the user's mp3 library.
- The application shall be able to manage song metadata like title, artist ,year etc.
- The application shall provide a search functionality that allows users to search for songs based on criteria like title, artist etc.
- The application shall offer sorting and filtering capabilities to help users organize and browse their mp3 library effectively

- The application shall support creation and management of playlists. Users shall be able to add, remove and modify songs in a playlist.
- The application shall provide audio playback controls, such as play, pause, stop, next, previous, and shuffle.
- The application shall allow users to repeat the current playlist

5. Non-Functional Requirement:

- The application shall be easy to navigate and understand.
- The application shall be able to handle large-scale data.
- The application shall allow addition of new features.

6. System Requirements:

- The application shall be compatible with desktop computers.
- The application shall support offline mode.