AMP - ATHLETICS MUSIC PLAYER

by

Rakiah Grende, Robert Hereth, and Elaine Schultz

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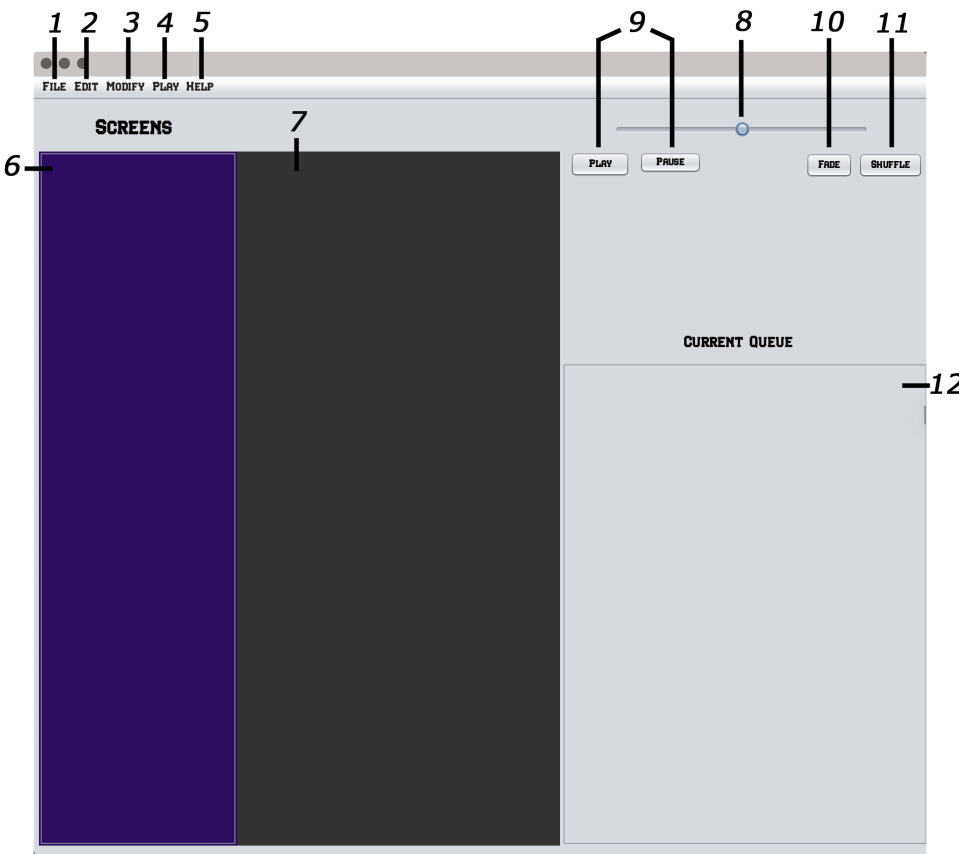
Contents

1   UI Layout

The UI layout is for reference only and the actual UI layout shall depend on the current UI you obtain.

1.1   UI Layout Reference

Reference Layout

No.	Definition	No.	Definition
1)	File	8)	Volume
2)	Edit	9)	Play/Pause
3)	Modify	10)	Fade
4)	Play (Preferences?)	11)	Shuffle
5)	Help	12)	Current Queue
6)	Playlist		
7)	List of Songs		

2   Tasks

A selection of alternative tasks for the user to perform within AMP.

2.1   File

Create ›

> Create   >

Creates the following methods:

- **Playlist**: Add new playlist.

  Create a new playlist in the playlists section:

  > New Playlist

- **Tag**: Add new tag.

  Creates a new tag to note the song name, artist, and id into a playlist:

  > New Tag

- **Screen**: Add a new screen button.

  Creates and adds a new screen button:

  > New Screen

- **Song**: Add a new song.

  Creates and adds a new song to the Playlist:

  > New Song

- **Import**: Import a music file.

  Imports an audio file:
  > Import

  Supported audio files:

  - **.acc**

  - **.wav**

  - **.mp3**

- **Exit**: Exits the Application.

  This Exits the current running application:

  > Exit   Ctrl+Q

2.2 Edit

- **Clip**: Edit an audio clip.

  Edit a selected audio file to adjust its time length and audio quality:

  | Clip |

  Supported audio files: 🔊
  - **.mp3**
  - **.wav**

- **Tag**: Edit a tag.

  Edit a created tag to change info about the song name, artist, and year:

  | Tags |

- **Add playlist**: Add a new playlist.

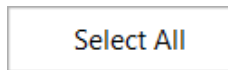 Creates and adds a new playlist: 📋

- **Remove playlist**: Remove a playlist.

  Removes a created playlist: 📑
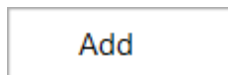
2.3 Play

- **Select All**: Select all in Queue.
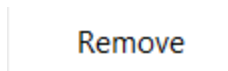
  Selects all songs from the Current Queue.

  | Select All |

2.4 Modify

- **Add song**: Add a song to a playlist.

  Adds a song into a created playlist.
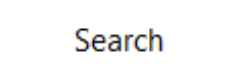
  | Add |

- **Remove song**: Remove a song from a playlist.
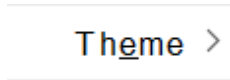
  Removes a song from a created playlist.

  | Remove |

- **Search**: Search a song.

  Search a song within AMP's imported audio library:
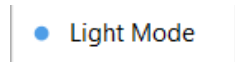
  | Search |

2.5   Preferences
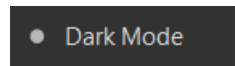
- **Theme**: Changes the UI color.

  Selectable options to change the UI's color appearance.
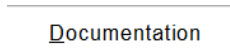
  - Light Mode *(Default UI)*
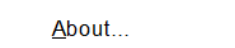

  - Dark Mode

2.6   Help

- **Documentation**: Read and search content documentation:

- **About**:

  Shows what AMP is, who created the program, and information about OS and system requirements.

  - **OS Support**:

   MacOS 10.12 Sierra, macOS 13.2.1 Ventura and above.

   Windows 10, Windows 11 and above.

  - **System Requirements**:

Minimum Specs

Processor	1GHz (32-bit/64-bit), ARM Apple Silicon or ARM Processor
RAM	2GB
Storage	16GB Hard Drive Disk
Graphics Card	integrated graphics
Resolution	1280x720
Sound	onboard sound

Recommended Specs

Processor	2GHz (64-bit) or above, Intel multi-core or AMD multi-core
RAM	4GB or more
Storage	32GB Solid State Drive
Graphics Card	integrated graphics or dedicated graphics of 2GB or more
Resolution	1920x1080 or above
Sound	onboard sound or sound card

3   User Interface

How to operate AMP's UI.

3.1   Playlists

- **[*]**: The top playlist.

  Displays the top playlist. This is the top-tier playlist that always remains first in the order of created
    playlists. Recommended to use for common-use songs.

- **[Playlist Name]**: A selectable playlist.

  Displays a selectable playlist.

3.2   Player Controls

- **Fade Out/In**: Fades out or fades in song.

  This fades out or fades in a song by 2 seconds for a smooth transition from the current queue song list
    to another song.

- **Select All**: Selects all songs.

  Pressing the button *selects all* the playlist songs and moves them into the current queue: ☑

- **Now Playing**, [textbox]: Displays playing song.

  This displays the current song running in text.

- **Play/Pause**: Plays or pauses song.

  Pressing the button *plays* the current queue song or *pauses* the current queue song: ⏵ ⏸

- **Stop**: Stops song.

  Pressing the button *stops* the current queue song: ⏹

- **Mute**: Mutes volume.

  Toggles the volume to be muted or not muted: 🔇

3.3   List of Songs

- **[Selectable list of songs]**

  Readies a selectable list of songs collected by a preset playlist.

3.4   Volume

- **Volume**: Adjusts volume.

  Adjusts the volume for the current song being played by increasing or decreasing the volume output: ◀
  🔊

3.5   Queue

- **[Shuffle]**: A shuffle button.

  A shuffle button that randomizes the queue's contained set of songs.

- **[Queue]**: Displays the current list of songs.

  Displays the current list of songs and is ready to be operated by the player's controls.

4 Database

The database mockup.

4.1 Database Mockup