

Music Therapy

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Concept

- Help combat day to day mental health issues with music
- The user selects the emoji that best describes how they are feeling
- When the emotion is an unpleasant one, the user is given a song that soothes the situation with sweet tones
- Target particularly stressed individuals who also love listening to music



Functional Requirements

- **User Sign-up:** Where a first time user is prompted to create an account with their email address
- **User Login:** Users will be prompted to sign in with their login credentials
- **Emoji Selection:** The user selects the emoji that best describes what they are feeling

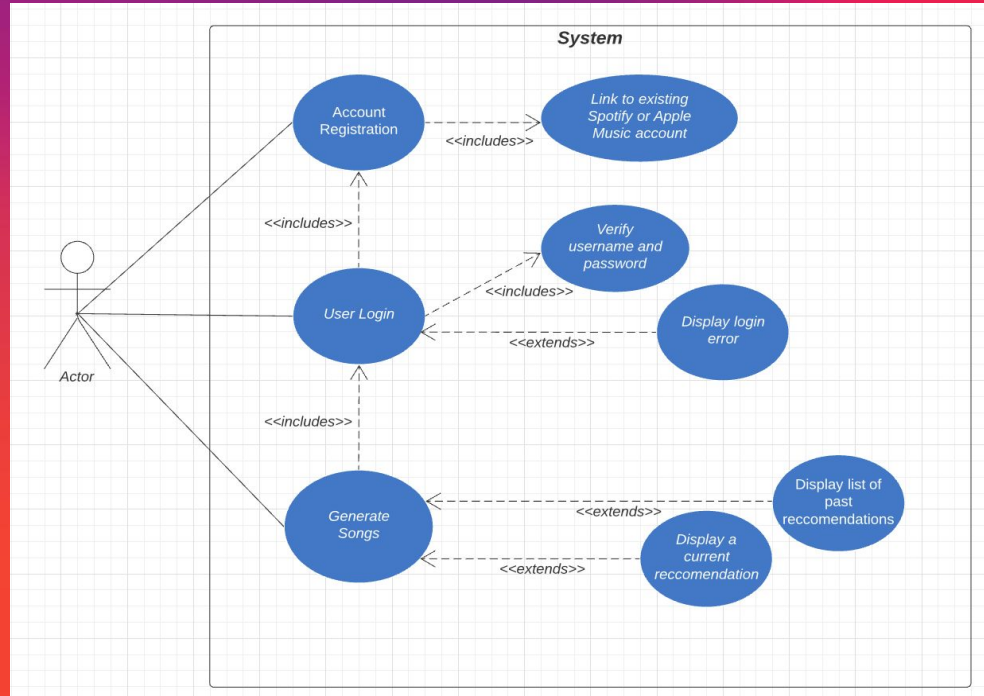
Functional Requirements

- **Mood Tracker:** The emotions the user has felt over the week will be displayed
- **Recommendations:** Based on the emoji the user selects, songs will queue up ready to be played

Non-Functional Requirements

- Site loading
 - The site should load within 5 seconds
- User Safety
 - User's login information and data retrieved from the linked music streaming service account shall remain secure
- Mood Tracker Storage
 - Website will support the user's data like previous mood inputs and song selections
- Encryption
 - Messages should be able to be encrypted by the user

Use Case Diagram



System Constraints

- Tool constraints
 - Website Framework Constraint
 - Website will be made with HTML/CSS and JavaScript
- Language Constraints
 - Replit Framework
 - HTML/Java script for the structure of website
 - CSS for the style and design of the website
- Platform Constraints
 - User must use a browser to use the site

System Constraints (continued)

- Hardware Constraints
 - Phone/desktop Requirement
 - Website can be accessed with any device with a browser
- Network Constraints
 - Connection constraints
 - Site always needs a reliable source of internet connection
- Transition & Support Constraints / Interface Constraints
 - HTML/CSS/JavaScript
 - Site will be supported with HTML/CSS with the transitions done through JavaScript

System Constraints (continued)

- Budget & Schedule Constraints
 - Budget Constraints
 - There is no budget
- Schedule Constraints
 - Must be completed by the end of the Spring 2022 semester

Evolutionary Requirements

- Link to music streaming services
 - User must have an existing account with Spotify or Apple Music