**Use case 1**: Login

**Actors**: Users or Admins

**Description**: The user or admin will be prompted to sign into their account by providing the username and password that has been made by the user or admin. Once the information required has been filled in, the system will then try to match the information given to login to the moodmusic.io and be able to proceed to the website further

**Exception Path**: If the user or admin enters the wrong information to signing into their account, A prompt will tell the user or admin that either their username or password do not match within the website’s record and ensure they are entering their correct account information.

**Alternate Path**: The user or admin can just leave the login page and not fill in any information if they do not wish to sign in.

**Pre-condition**: The user or admin must already have an account in this website’s database.

**Post-condition**: The user or admins will be able to access their account information.

**Use case 2**: Logout

**Actors**: Users or Admins

**Description**: The user or admin will have a button that will indicate that it is a logout button that promptly when pressed will have the system eject the user or admin that is logged in with their account information and resume the website without an account logged into.

**Exception Path:** None

**Alternate Path**: If the user of admin is inactive(?) for a period of time, the system will do a force logout of the account.

**Pre-condition**: The user or admin must have already logged in with their account information.

**Post-condition**: The user or admin account information will be eject and not be in use from the system and will resume as normal just without the account information.

**Use case 3**: Remove User

**Actors**: User or Admin

**Description**: The user will be only able to remove their own account under only their reasons to have their account information be removed from the website. The admin will be able to have the option to remove any user that has made an account on the website. When this action takes place, the user’s account that is being removed will also tell the system to remove any account information related to the removed user will be erased from the database.

**Exception Path**: None

**Alternate Path**: None

**Pre-condition**:There is a user that wishes to have their account information removed from the system’s database. There must be an user account that is causing any issues with anything to the website and an admin with the power to remove the user causing the issue

**Post-condition**: The user’s account information has been wiped from the database and cannot be brought up again once its information has been removed.

**Use case 4**: Block User

**Actors**: User and Admin

**Description**: The user can request for a block of another user for reasons stated by the user to why they want to block. The user will be prompted to provide the name of the user account that wish to block. The admin will take action by taking that name requested to be blocked by the user that requested the block and will have have system recognized that the user has blocked another user within the system database.

**Exception Path**: If the user provides a username that doesn’t exist in the database, there will be a prompt that tells the user “that username does not exist on this site.”

**Alternate Path**: None

**Pre-condition**: There must be a user and another user to request a block by providing the username to the block feature so the admin can tell the system to block a user for the user that requested the block.

**Post-condition**: The blocked user will no longer show up for the user that requested the block.

**Use case 5**: Add/Remove songs

**Actors**: Admin

**Description**: The admin will be always updating new songs to allow the database to generate songs for users as well as remove songs when issues arise from many reasons to remove. The admin will make sure that songs are up to date to the time of music releases and popularity.

**Exception Path**:None

**Alternate Path**:None

**Pre-condition**: None

**Post-condition**: The database will be ensured that the music on the website are up to date to whatever releases up until now.

**Use case 6**: Add/Edit song information

**Actors**: Admin

**Description**: For every song on the website, the admin has to provide a song id to each song to group certain songs together by the mood that is gives off, song genres, or by what pairs well. The admin will also have the option to add more song ids or to edit song ids to better organize the song list.

**Exception Path**: None

**Alternate Path**: None

**Pre-condition**:None

**Post-condition**: Songs on the website will have hidden song ids attached to each song within the system’s database.

**Use case 7**: Create Playlist

**Actors**: User and Admin

**Description**: The user can only rename playlist they have acquired from answering the questions on their mood. The admin has the power to generate the playlist based on the answers given and matching it to the song ids to provide a playlist for the user to view song list and listen to.

**Exception Path**: None

**Alternate Path**: None

**Pre-condition**: The user has already answered out the questionnaire about their mood and is awaiting for the list of songs to appear corresponding with their mood.

**Post-condition**: The playlist will appear for the user and the user can only save and change the name of the playlist given to them from the admin generating the playlist from the song database.

**Use case 8**: Answering the questionnaire

**Actors**: Users

**Description**: The user will be required to take a questionnaire made by the website to determine the mood of the user based off the answers provided by the user. The questionnaire answers will be choices that only one can be selected.

**Exception Path:** If the user does not answer and leaves a question blank, an error message will display “all questions must be answered to help figure out the mood you are in. Please answer all questions before proceeding to submit your answers.”

**Alternate Path**: At anytime the user wants to not do the questionnaire, the user can just leave the website.

**Pre-conditions**: None

**Post-conditions**:The website will return to the user the results based off the answers of what the user inputed in the questionnaire to display the mood and will also display a song list that correspond to the user’s mood.

**Use case 9**: Register User

**Actors**: Users

**Description**: The user will be asked to make an account for this website. The user will be asked about their information with name, age, email, etc. After the user inputs the information into the appropriate information blocks, the user will be prompted with either being accepted or declined if the account information hasn’t been made yet within the database.

**Exception Path:** If the user does not answer or leaves a information block blank, an error message will display “All information blocks must be filled out in order to proceed with registration.”

**Alternate Path**: At anytime the user wants to not make an account, the user can just leave the website.

**Pre-conditions**: None

**Post-conditions**: The user will be able to access their newly made account and that account information will be added within the system’s database.

**Use case 10**: Control Music

**Actors**: Users

**Description**: The user will have the choose of playing the music, pausing the music, stopping the music, skipping between songs, go back and forth the playlist, or repeating/looping the song.

**Exception Path:** If no songs are in the playlist, the functions will not respond to any inputs

**Alternate Path**: None

**Pre-conditions**: The user must already have a playlist of songs.

**Post-conditions**: The user will have the options to do any of the functions listed to their playlist within the website.

**Use case 11**: Exporting playlist

**Actors**: Users

**Description**: The user will have the option to be able to export their playlist that has been generated by the website to the user’s device. This gives the user the choice to take their playlist on the go from this website.

**Exception Path:** If the device of the user is not compatible with the exporting playlist, the exporting will not be able to take place

**Alternate Path**: None

**Pre-conditions**: The device of the user must be compatible with the export file.

**Post-conditions**: The device will be able to play the newly exported playlist from the website on the go.