

Team Deliverable #2 - User Stories

Main Goal: As a user, I want to be able to create a Spotify playlist based on the weather in my location in order to have a better music selection.

Specific User Stories:

1. As a user, I want to be able to check the weather conditions and temperature in my area for today so that I can know the weather around me.
 - a. Weather API results summary automatically generated at the top of the screen, but users can click on it to view more information/detail.
 - b. Weather summary remains at the top of the screen while playlists can be generated at the bottom.
 - c. Default weather API call parameters set to the current location of the user, but can be changed to find the weather in other locations as well (search by city functionality). User can also select a specific category of weather to generate playlists by (see User Story #5).
 - d. Exceptions: Issues with permissions or retrieving weather data will result in an error message pop up (e.g., “Error retrieving weather data based on current location”). Additionally, the weather will be received only for the current day, and playlists cannot be made based on weather in days/weeks/months past.
2. As a user, I want to be able to choose from suggested playlists without the need to generate my own in order to have quicker access to music.
 - a. Based on the weather API call results, the user can click a button to generate a list of playlists matching the mood of the day.

- b. After playlist options are generated using Spotify API, the user can click on a playlist to begin playing the tracks in the playlist.
 - c. Once a user plays a playlist, it is saved to the previously played playlists of the user, which is reflected in the user's profile.
 - d. Exceptions:
 - i. If there are no results for the playlist search, a randomly generated list of playlists will populate the selections list. These playlists will be from a set of pre-generated playlists from randomly selected areas around the world.
- 3. As a user, I want to be able to log into my account.
 - a. When opening the playlist generator, if the user is not logged in, it will take them to the log-in screen where they can either log into an existing account or register to create a new account.
 - b. The log-in process will ask for the user's phone number and once verified with a one-time code, will pull up the profile screen for the user. The profile consists of the user's previous playlists that the user has made based on weather/location.
 - c. Users are able to interact with their previously made playlists (play, favorite, delete, etc.), which are pulled from the database.
 - d. Exceptions:
 - i. Log-in errors: Invalid phone number or verification code will result in an error message.
- 4. As a user, I want to view and modify my list of previously made playlists (e.g., delete unnecessary playlists so that I do not clutter my account with old/unwanted playlists).

- a. Users have customizing freedom when it comes to their generated playlists - they can view the updated list of played playlists in the user profile at any time.
 - b. Previously played playlists will populate a history list, where the user can see the playlist and location at which it was created. Users can play old playlists and delete them. Alternatively, this list may take the form of a map, where users can click on a certain location and view the playlists created for that location.
 - c. Deleting a playlist will delete it from the database and cannot be undone. Warning message pop up when user clicks delete playlist - “Are you sure you want to delete this playlist? This action is irreversible.”
 - d. Exceptions:
 - i. Users will not be able to modify the actual songs within the playlist. Any changes will need to be manually made.
 - ii. Users will not be able to change the playlist name, unless manually through their own Spotify portal. This will allow for some method of standardization when generating playlists.
5. As a user, I want to be able to create a Spotify playlist for the weather in a different chosen location so that I can explore other areas and other music
- a. As a user, I expect there will be a weather map feature where users can search different cities. In the map feature, users should be allowed to search different cities by name, zip code or simply by classification of different continents. When the result showed up on the screen, the weather icon should be displayed besides the city's name. Not only users can search different areas, but they can also search based on different

weather. There will be a filter feature that allows users to choose the weather they want which will basically include: sunny, rainy, cloudy, etc.

b. When a user opens the software, the user can create a playlist based on the local weather. If the user wants to change another location in a different area, the user could simply click the map and change to the location users want. Then, Spotify will generate a new playlist based on that place's weather.

c. Users could choose another location that has the same weather as the current location. If this situation happens, Spotify could generate a new playlist still based on the same weather but generated from the local music database. The new playlist would contain music that is popular in that particular area.

d. We don't want our users to be limited by the location of users. More importantly, the feature is provided for Spotify users around the world, so it is important that our feature could connect users all over the world. This will also allow users to, hopefully, discover new and different types of music. The default area upon any sort of error will be the user's current location.