CS411 Team 4
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Project 1:
Web app that pinpoints playlists from Spotify depending on a music preferences/mood test/weather. The web app will allow users to create an account on a website and log in to an account to take a personality test on a third party website, who's results would be displayed on our website and based on those results our website will display a list of playlists pulled from Spotify for the user to listen to.

Tech Stack:
- React.js
- Typescript
- Javascript
- Flask

API's:
- Spotify
- Flask JWT OAuth
- Weather API

The description is a narrative that encompasses what the user will do, what happens when everything goes right, and what to do if something goes wrong. It should include a reference to any external user story that might be involved. For example, if a story requires that a user is logged in, you should refer the reader to the 'user log in' story rather than explaining in detail how the user is authenticated.

User stories:
- As a non-registered user, I want to register my account with my spotify account in order to use all features of my spotify account (OAuth against spotify)
    - Features:
        - The account is connected to spotify account with spotify's username
        - The account is correctly setted with the username and password the user enters
    - Errors:
        - Not able to login to spotify
        - Wrong username or password present
    - Reference:
        - Users of spotify

- As a logged-in user, I want to be able to access to the playlists on the spotify in order to edit those playlists
    - Right:
        - Correct playlists are fetched
        - Playlists can be edited on both spotify and our app
        - The change can be updated on both side
    - Errors:
        - Playlists cannot be fetched
        - Wrong change of the playlists presents on either side
    - Reference:
        - logged-in user, spotify account registered

- As a logged-in user, I want to take a mood survey to get started with in order to have the app store the data for future use and or find a playlist on it
    - Right:
        - Playlist from mood is found
        - Mood is registered
    - Errors:
        - Pop out does not come up/cannot find survey
        - Mood is not registered
        - Cannot find playlist for mood
    - Reference:
        - Mood survey, spotify api, pop up

- Aa a logged in user I want to have playlists created depending on mood/weather in order to save the to my spotify
    - All goes right: a playlist is curriated depending on on the weather which is saved to your spotify
    - Errors:
        - cannot find playlist
        - cannot access weather data for specific location
        - wrong tags or songs are presented
    - Reference: Save playlist with spotify API, only logged-in users have access to store personal playlists, access weather data

- As a logged-in user I want to see the playlist of the day in order to find possible songs I like
    - Right:
        - A playlist will be presented based on the current mood, weather, and recommendation of songs
        - The playlist should be unchanged if the mood and weather are the same
    - Errors:
        - Playlist changed with users with same attributes

- - - ■ No playlists presented
  - ○ Reference:
    - ■ Logged-in users, mood survey conducted