Login user story
A user opens our app and is met with our login page. This page has a button that brings the user to Spotify's login flow. If the user already has a Spotify account, they will log in with their Spotify account and then be met with the home screen of our app.

- ○ Login failure: Incorrect password
    - ■ Refer to *Password Change Sub-Story*
- ○ Login failure: No account
    - ■ Refer to *Create Account Sub-Story*
- ○ Login success
    - ■ Move down to **Create Playlist Story**

Create Account Sub-Story
If the user does not have a Spotify account, then they will click the "Sign up for Spotify" button. From there, they will be prompted to create a Spotify account, which the Spotify app will handle. Then, once they have created a Spotify account, they will log in to our app and be met with our home screen.

Password Change Sub-Story
If the user already has a Spotify account, but has forgotten their password, they will click the "Forgot your password?" button on Spotify's login page, and Spotify will handle resetting the information on their account. Then, once they have reset their password, they will log in with their new credentials and be met with our home screen.

Create Playlist Story

1. The logged-in user is presented with a screen that asks them to enter their current location and their destination.
    a. The user enters a location in both inputs.
    b. The user enters nothing in one or both of the inputs.
        i. User is given a warning that they must input a location to proceed.
2. The logged-in user is presented with a screen that asks them for their mode of transportation.
    a. The user chooses walking
        i. Time to walk from origin to destination is grabbed from Google Maps API.
    b. The user chooses biking
        i. Time to bike from origin to destination is grabbed from Google Maps API.
    c. The user chooses driving
        i. Time to drive from origin to destination is grabbed from Google Maps API.
    d. The user chooses nothing
        i. User is given a warning that they must choose an option to proceed.
3. The logged-in user is presented with a screen that asks them for their desired speed.
    a. The user chooses normal speed.

    i. Commute time from the previous step is unaltered and used to calculate playlist time length.
  b. The user chooses slower speed.
    i. Commute time from the previous step is multiplied by 1.2 to increase playlist time length.
  c. The user chooses faster speed.
    i. Commute time from the previous step is multiplied by 0.8 to decrease playlist time length.
  d. The user chooses nothing
    i. User is given a warning that they must choose an option to proceed.
4. User is presented with a screen showing them the final playlist.
  a. Go to **After Playlist Creation Story**

After Playlist Creation Story

1a. User can choose to listen to the created playlist.
  a. User is brought outside of the app and into Spotify.
  b. User can scroll through the playlist to view its contents.
  c. User can play or pause the playlist.

1b. If user wants to create a new playlist, they are given the option to begin the playlist creation process again.
  a. Go to **Create Playlist Story**

2. User leaves the app.