Group number: 14
Team members: Mya Mahaley, Evelyn Vo, Sonya Pieklik
Name of project: Sound Stats
Dependencies: Xcode Version 14.0.1, Swift 5

Special Instructions:
- **Need to run on a physical device that has Spotify installed**
- **We'll need to add your bundle identifiers to our services for visualization and Spotify data to load.** Please contact us if you have issues with the visuals loading. The current IDs that work are. Without adding the ID to our services, you'll be stuck with a spinner and a very boring UI. To add an additional ID, email mya.mahaley@utexas.edu
   - *any ID ending with " .SoundStats" should work, but please let us know if you run into any issues.*
      - CS371L-FA22.SoundStats
      - CS371L-FA22sonya.SoundStats
      - evelyn.SoundStats
      - myamahaley.SoundStats
      - evelynvo.SoundStats
      - utcs.SoundStats

Feature	Description	Release Planned	Release Actual	Deviations	Who/Percentage worked on
Login (Email and Google)	Allow user to register, set the display name, and login	Alpha	Alpha	Did not implement Facebook login	Mya (100%)
Loading Screen	Display logo while the app is loading	Alpha	Alpha	None	Mya (100%)
Music connect	Users will be able to connect their Spotify or Apple Music accounts to their Sound Stats account.	Alpha	Alpha	The Apple Music API is not free, so we only implemented the Spotify connection	Evelyn (100%)
Visualization Creation	Creating dynamic graphics that display a user's listening habits.	Final	Final	The Spotify API does not load image data when loading in top tracks, so the Top Songs Visual is missing the Artist Image.	Mya (100%)

Customization Bar	Change the color scheme of the visualizations using the Customization bar	Final	Beta	None	Mya (100%)
Mainstream Score	Compares the Global Top 50 tracks to your top 50 songs and finds the correlation between the two lists	Beta	Beta	None	Sonya (100%)
Mood Indicator	Based off the valence of the songs, it will calculate the average valence of your listened songs to indicate the mood based off of a ranking system.	Final	Final		Evelyn (70%) Mya (20%) Sonya (10%)
Top Songs	After a user connects their Spotify account, their Top Songs data are loaded into Core Data and used for visualizations	Beta	Beta	None	Evelyn (100%)
Notifications	Sends a notification once a week when the Global 50 chart is updated to see if there are any differences in your mainstream score.	Beta	Beta	None	Sonya (100%)
Profile Picture	Change the default picture into a selected photo from the user's camera roll.	Beta	Final	None	Sonya (75%) Evelyn (25%)
Dark/Light Mode	Dark mode is the default, if	Beta	Beta	None	Mya (50%) Sonya (50%)

	switched to the light mode it provides a light grey				
Change Display Name	Allow users to change their display name because it is used in the visualizations	Final	Final	None	Mya (100%)
Stay Logged In	Allow users to turn off autologin with Firebase	Final	Final	None	Sonya (50%) Mya (50%)
Share Visualizations	After the visualizations load, users can share the images to other apps	Final	Final	None	Mya (100%)
Informational Popover	Provides visuals of how the ranks are given	Alpha	Final	None	Sonya (100%)