

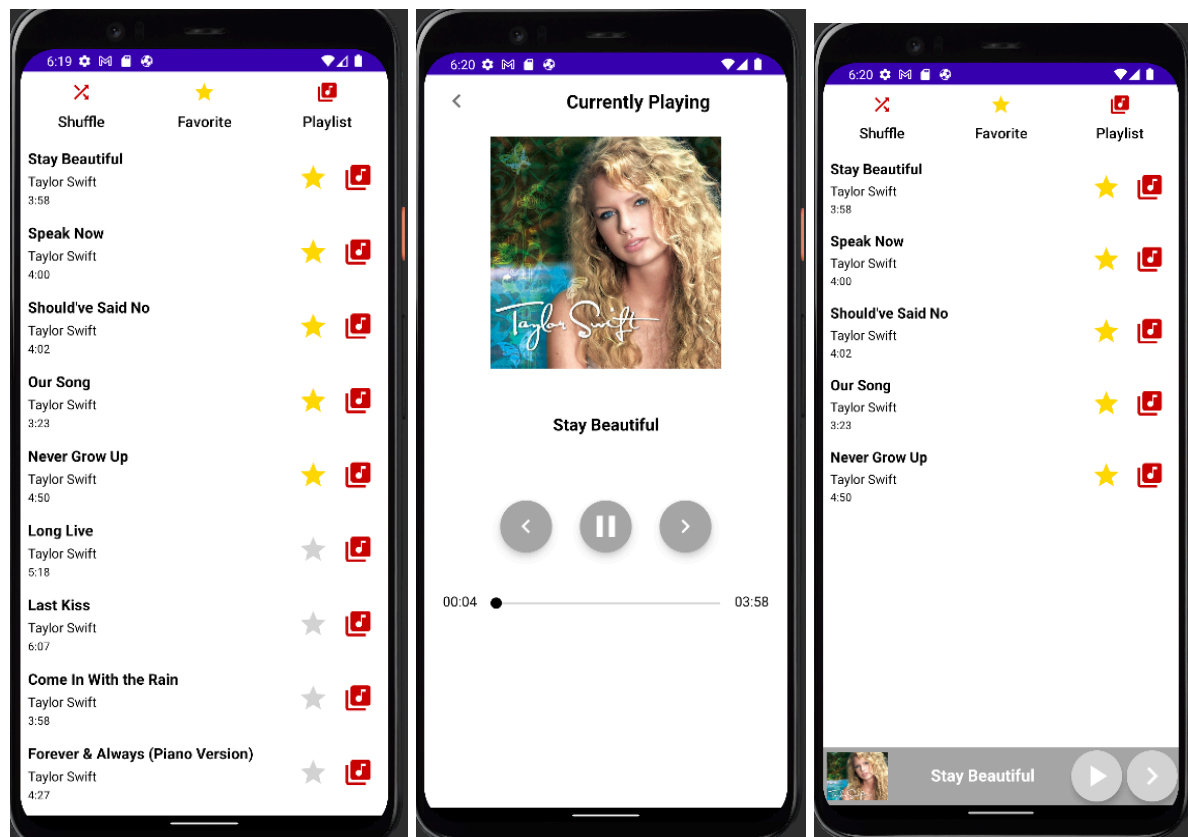
CS 4750 - Music Player Application

- The names of everyone on the team.
 - Clarissa Murillo
 - Jacob San Gabriel
 - Hafsa Khan
 - Hajarrah Amjad
 - David Alvarado
- For each person listed, indicate which part(s) of the app they worked on.
 - Clarissa Murillo
 - Designed the home page and helped with implementing it. Developed the music player screen, where users can play, pause, and control their music playback. Helped with debugging.
 - Jacob San Gabriel
 - Attempted to integrate Spotify API into the program and attempted to fix bugs
 - Hafsa Khan
 - Created the favorites icon to add a favorite song and displayed lists of favorite songs accordingly. Helped debug with branch issues and playlist integration.
 - Hajarrah Amjad
 - Worked on Spotify integration, however, the team ran into many issues and opted for manual song uploads instead of API. Attempted to fix bugs with adding songs to playlist.
 - David Alvarado
 - Music play start, pause, resume, and next features, popup navigation to playlist feature, helped with debugging favorite song list bug.
- List the major features of your app.
 - Play Music
 - Library For All Songs
 - Cycle Through Songs
 - Favorite Songs
 - Play Favorites
 - Shuffle Songs
 - Playlists
- List any features you would be interested in adding in the future, to complete your app.
 - Users will be able to create their personal playlists
 - Better GUI
 - Users can add songs more efficiently, perhaps with an API to search for songs.
- Did you have any major problems in the creation of the app?
 - Initially, our team was going to integrate a Spotify API, however, we ran into a lot of technical issues and opted to upload songs manually.

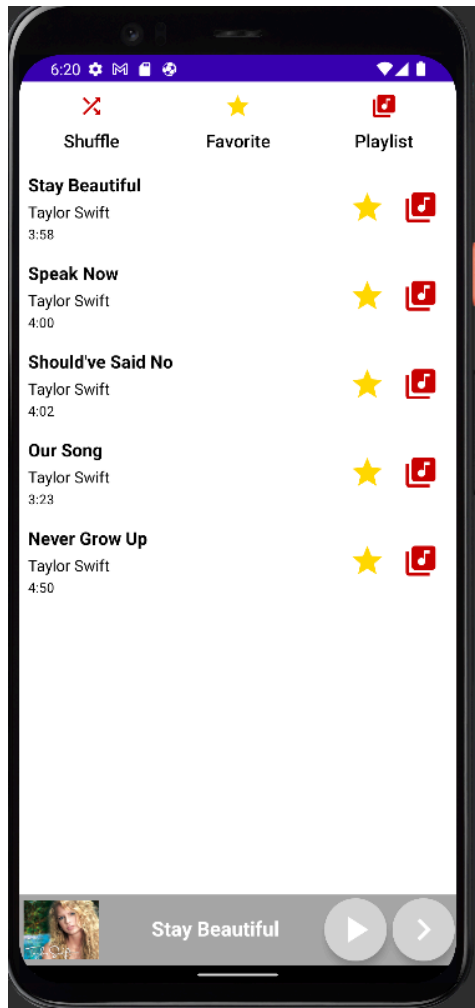
- Another challenge was related to the Gradle files. We faced issues with dependency conflicts and build failures, which slowed down the development process.
- List what you learned about the app.
 - It was the first time many of us created a music player application with Kotlin as our language
 - We learned how to integrate media playback functionality in an app, including MediaPlayer to play songs and handle song duration.
 - Identifying and resolving issues such as Gradle build failures and dependency conflicts

Screenshots

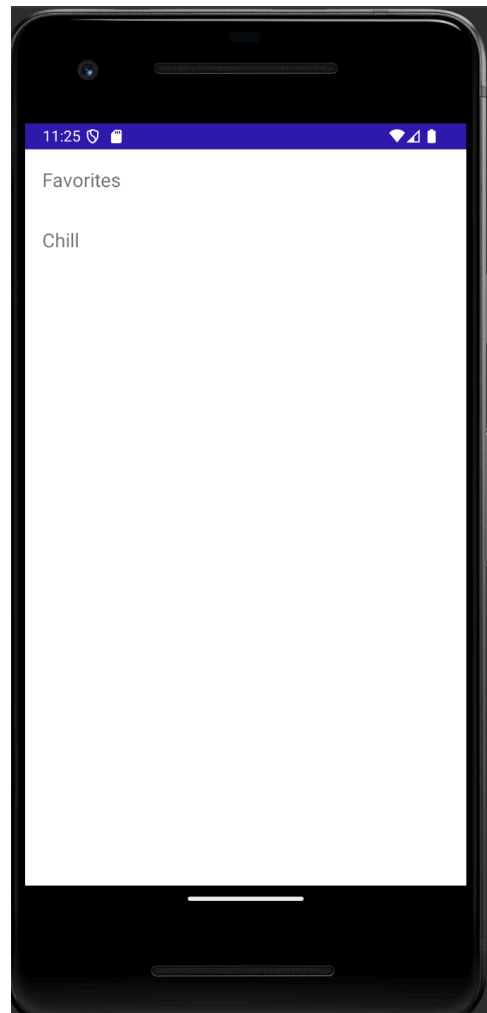
Our app's home page along with the music player screen and the favorites page. Users are able to forward the song or go back to the previous one. We also included a recording in our project's folder showing all the functionalities.



This is the favorite page



This is the Playlist page
We didn't have time to finish it.



Songs can be favorited by hitting the star icon next to the song
When you click on the favorites button on the top you will be shown a page that displays your favorite songs only