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Description

This app is intended to allow users to share what current music they're listening to with a newsfeed-style interface. It also allows end users to see what their friends are currently listening to, perhaps out of pure curiosity or for inspiration to check out new artists.

Intended User

The app is intended for music enthusiasts or for anyone who is comfortable with sharing their musical interests. It's for anyone who has those moments in their day where they think to themselves "Man, this song is awesome! I've gotta share it with my friends!". Substitute "awesome" with "jammy jam" if the song is totally off the hook.

The focus wouldn't be strictly on individual songs/tracks. Users will also be able to share their interests about album or artists if they wish.

Features

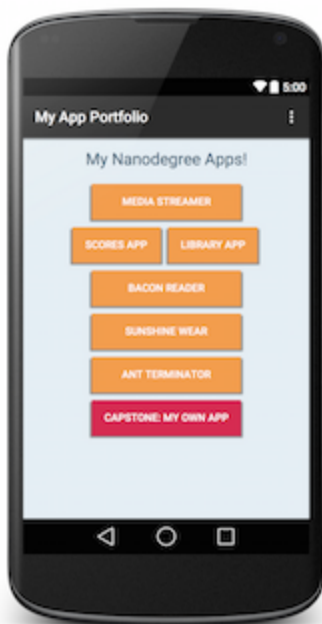
Main features of the app:

- News feed interface which shows all registered users' current musical interests (tracks, albums, and/or artists).
- A FAB which will allow users to add a new track/album/artist to the feed
- Links to tracks, artists, or albums which would be directly opened within Spotify. If the user does not have Spotify installed, the app will open to a web page which contains 30s previews of (a) track(s).

User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Google Drawings, www.ninjamock.com, Paper by 53, Photoshop or Balsamiq.

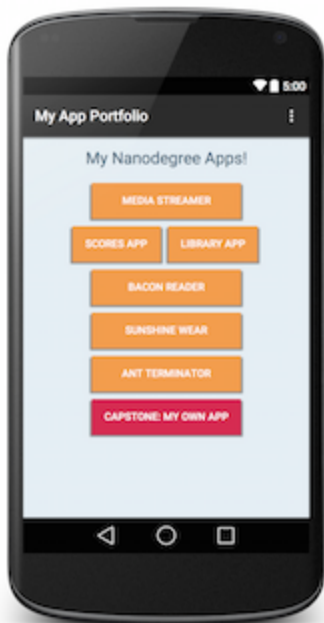
Screen 1



Replace the above image with your own mock [click on the above image, then navigate to Insert → Image...]

Provide descriptive text for each screen

Screen 2



Replace the above image with your own mock [click on the above image, then navigate to Insert → Image...]

Provide descriptive text for each screen

Add as many screens as you need to portray your app's UI flow.

Key Considerations

How will your app handle data persistence?

Describe how your app will handle data. (For example, will you build a Content Provider or use Firebase Realtime Database?)

Describe any edge or corner cases in the UX.

For example, how does the user return to a Now Playing screen in a media player if they hit the back button?

Describe any libraries you'll be using and share your reasoning for including them.

For example, Picasso or Glide to handle the loading and caching of images.

Describe how you will implement Google Play Services or other external services.

Describe which Services you will use and how.

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and break them down into tangible technical tasks that you can complete one at a time until you have a finished app.

Task 1: Project Setup

Write out the steps you will take to setup and/or configure this project. See previous implementation guides for an example.

You may want to list the subtasks. For example:

- Configure libraries
- Something else

If it helps, imagine you are describing these tasks to a friend who wants to follow along and build this app with you.

Task 2: Implement UI for Each Activity and Fragment

List the subtasks. For example:

- Build UI for MainActivity
- Build UI for something else

Task 3: Your Next Task

Describe the next task. For example, “Implement Google Play Services,” or “Handle Error Cases,” or “Create Build Variant.”

Describe the next task. List the subtasks. For example:

- Create layout
- Something else

Task 4: Your Next Task

Describe the next task. List the subtasks. For example:

- Create layout
- Something else

Task 5: Your Next Task

Describe the next task. List the subtasks. For example:

- Create layout
- Something else

Add as many tasks as you need to complete your app.

Submission Instructions

- After you've completed all the sections, download this document as a PDF [File → Download as PDF]
 - Make sure the PDF is named "**Capstone_Stage1.pdf**"
- Submit the PDF as a zip or in a GitHub project repo using the project submission portal

If using GitHub:

- Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
- Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"