

**Developer Assignment: “Apex”**  
**Name: Cooper Myers**  
**Located: Michigan, USA**  
**Title: Software Development Engineer**

**1. Provide Your Work Samples:**

My personal GitHub link: <https://github.com/cooperalanmyers>

*Note: I have worked with mainly AI and Python libraries, embedded C programming, Unix, Java, and mathematics. My skillset with React is minimal, although since I have a degree in Computer Science and work experience as a software engineer I should be able to pick up on a new language that I am interested in with a faster ramp-up time. (I also used GitHub in school but after university, my personal/work projects have been within BitBucket and include NDA-related work that cannot be shared).*

**2. Review the App Design:**

The mindset application proposal in Figma and its core functionalities align with the minimal/luxury/self-improvement approach.

The Welcome screen should have more subtle gradients of color. The UI of a black upper area makes it difficult to read the top status bar in iOS including the time, battery, wifi connection, and cellular. This needs to be distinguishable. I would propose a subtle gradient of red/orange neon to the status bar background, as well as the background behind “By Apex” and the bottom portion stating “Change your life with move”. I would also include the Apex logo with an animation above the MINDSET text. This also depends on if we want to include an optional dark mode and light mode which would essentially have major color components inversed depending on the time of day.

The Today/Home page should incorporate a subtle gradient using the image of the course to make the UI easier to view. The border of the lesson is the area that should be colored dependant on the image. This would be included on the listen page also, similar to Apple Music’s implementation of a color template/gradient based on Album Cover art within the application.

Within the Notes section, there should be an easy option to create a ToDo list with checkmark boxes that can be checked off after completion. We would also want a category implementation that would allow users to store multiple notes within specific categories rather than grouping them all together.

Overall I would also recommend including more gradients subtly within the app to break away from the generic black and white color scheme. It does not have to be color vomit, but at least give a little bit more of a modern theme and style with some additional color.