**CS 360 Module Four Assignment: UI Design**

**A screenshot of a computer

Description automatically generated**

The app whose user interface I wanted to redesign is the Code Academy app, which is an app that provides interactive coding lessons for users.

In this redesign, I’ve included multiple components for the user, such as enrolled courses, recommended courses, activity and streak, a search bar, community, practice, additional resources, settings and more. Courses show all the users’ currently enrolled courses while the recommended courses are the courses Code Academy shows based on previously enrolled or completed courses by the user. The activity and streak show the progress of the user, specifically how long the user has used the app per month and their current streak. The search bar allows the user to search for a specific course, lesson, or material they may want to access directly. The community section allows the user to stay up to date on relevant knowledge and see what others are saying, they are even able to link a social media account to Code Academy. The practice section allows users to practice their preferred language either with coding problems or free development. The additional resources feature links to any resources the user may need. The more section covers information not related to coding, but that user may wish to engage with. Lastly, the settings option at the top left allows the user to modify any features they wish to enhance their desired experience. All these elements are interactive and allow the user to gain a hands-on approach to learning by customizing their learning material.

I’ve aimed at applying the foundational design principles to significantly improve the user experience of the new Code Academy app. Following the guidelines from the Android’s App Quality site, the user is now met with specific elements that explain what they have access to, creating a more intuitive and engaging interface. (*What a Great User Experience Looks Like*, n.d.-b) The app is structured based on a clear visual hierarchy, ensuring that the most important material is prominently displayed at the center, while less pertinent information is placed towards the boundaries. This approach adheres to the principle of “visual hierarchy”, which prioritizes content based on its importance to the user. (*Material Design*, n.d.) Also, the use of color and contrast in the design adheres to the accessibility standards by making it easy for users to distinguish between text and non-text elements, enhancing readability and usability. Foremost, the redesign also features intuitive icons for navigation, which are easily understood and help to guide users to specific pages of the app.

By incorporating these various elements into my redesign of Code Academy, I believe this provides a more user-friendly experience by improving navigation and enhancing the discoverability of new features. It also helps to personalize the interface for the user by adding more control and customization. These incorporated principles help to make the learning experience more efficient and enjoyable.

*What a great user experience looks like*. (n.d.-b). Android Developers. https://developer.android.com/quality/user-experience