CS 360 Module Four Assignment

For this assignment, I selected the Spotify app as my base and redesigned a screen to improve the layout while keeping the app's original functionality intact. The main goal of this redesign is to maintain the core features of the Spotify app, such as music playback, recommendations, and user account management, while changing the layout for better visual appeal and ease of use.

**Design and Features**

In my redesign, I focused on the home screen, where users can see their suggested content, top mixes, and recent music. The screen includes several components: a left-side menu for easy navigation, a search bar at the top for quick access to searching music or artists, and a play button in the center for playing music. Below the play button, additional buttons for previous, pause, and forward will appear when the play button is pressed, making the interface interactive and functional. The usericon**/**image is placed in the top-right corner, allowing users to access account settings, logout, or view their profile. The screen also features five dropdownmenus: suggested, most played, top mixes, made for you and recent all are which come with the original version except most played which I added for the users ease of access. These dropdowns offer users an easy way to explore their music based on their preferences. The first two dropdowns will display a 3x3 grid holding thumbnails of the top six options for the user.

The layout is designed to be clean, with clear labels and easy-to-find interactive elements. The left**-**sidemenu allows quick access to other sections of the app, such as "Home," "Your Library," "Friends," and "Premium." I moved these as clickable features, making it easy for users to navigate between different sections and preventing unnecessary clutter on the home screen. The searchbar is also clickable, which enables users to search for any specific song, artist, or playlist. This was also moved to the top of the screen to keep the users attention to the main areas of the screen that provide key options.

**Design Justification**

I chose to make these updates to the layout to improve the organization and accessibility of the app. The redesigned layout groups similar features together, such as the music recommendations, recent mixes, and user account options. This helps users quickly find what they need without feeling overwhelmed by a cluttered interface. By keeping the playbutton at the center of the screen, it is easy for users to quickly begin playing their music without feeling overwhelmed with thumbnails of artist/music. The addition of the previous, pause, and forward buttons beneath the play button makes it more intuitive for users to control music playback without having to navigate away from the main screen and these three options only appear when the button is clicked and music starts to play, this also eliminates unused spaced on the home screen.

One key improvement I made is to transition the horizontal sliders for the top mixes, for you , and recent sections into a dropdown menu, which allows users to quickly scroll through their top songs. This horizontal scrolling method and dropdown menus is effective for displaying multiple items in a limited space without overwhelming the user and cluttering the main screen.

Additionally, I focused on making the interface more interactive. For example, the playbutton acts as the center point of the home screen, when pressed, reveals more options like pause and skip, which is a common feature in music apps. This design change allows for smoother transitions between different music controls and makes the app feel more dynamic.

**Creative Solutions and Challenges**

One of the challenges I faced in this redesign was balancing the amount of information displayed without overwhelming the user. To solve this, I used collapsable menus, dropdown menus, sliders and appropriate grouping which let users interact with the content without crowding the screen. These elements allow users to access more options without taking up too much space, which is especially important on a mobile screen

**Conclusion**

Overall, this redesign aims to improve the layout of the Spotify home screen by organizing key features in a more intuitive and visually appealing way. By focusing on simplicity, clear navigation, and interactive elements, I’ve created an interface that improves the user experience while maintaining the core functionality of the original app.

Original:



