

Frequency Music Store App

Samuel Shelley

April 9, 2024

Purpose

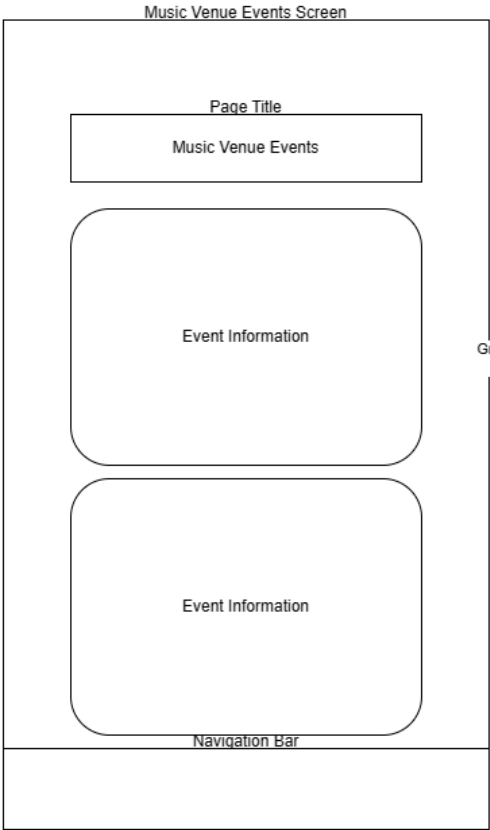
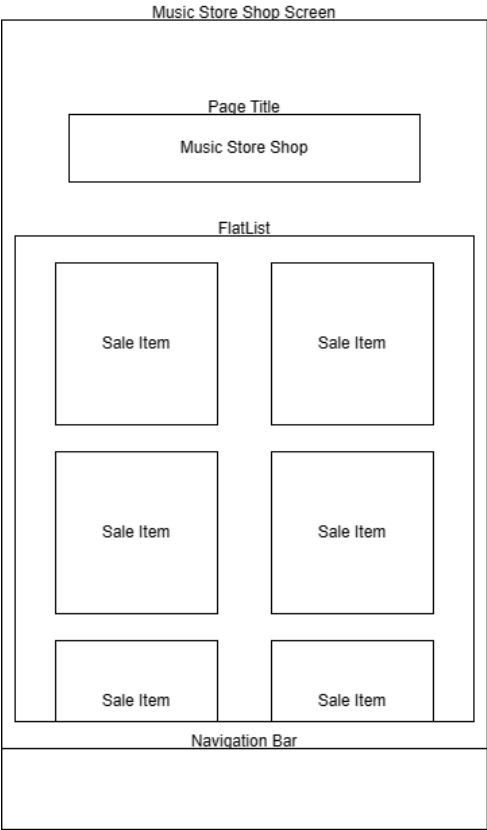
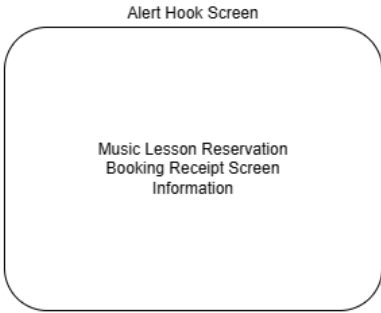
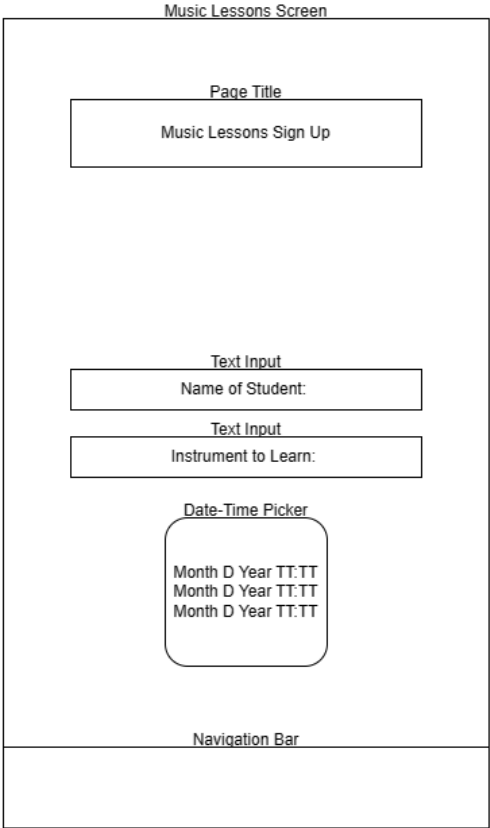
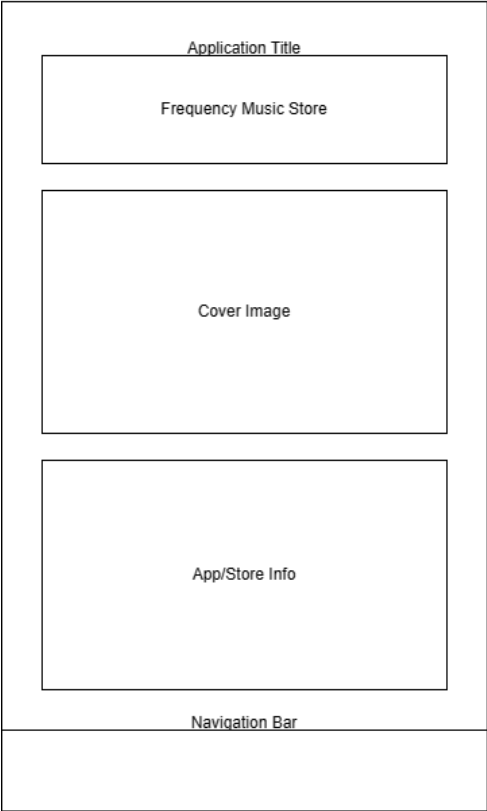
The purpose behind the Frequency Music Store App is to supply an application to the Frequency Music Store. It is a local music store that would like to be more tech savvy with their connection to their customers. They sell music instruments, accessories, as well as have tutors for music lessons. They also host small outdoor menu events. Frequency Music Store reached out in hopes to have all these aspects fully represented in a mobile application manor. They are a new company and have hopes to keep the application fresh and dynamic on many screens and orientations.

Goal

The goal of the app is to supply a more efficient way to connect with people outside of the store by using advanced and dynamic mobile application methods. This includes purchasing and delivering musical instruments and accessories, scheduling practice times with a tutor, as well as checking out any venue updates from the store.

Tools

Being that this application is built using Node.js, there are plenty of components that will be useful for this application. There will be three parts of the application besides the home screen for each category of the store: instrument/accessory shop, music lessons/tutoring, venue events. Some components that will be utilized in the instrument section is the Flat list for displaying available items, Icons to heart/favorite items for future purchases, and App-Wide State Management so the hearts can stay active even when changing pages. In the music lessons section, there will be utilization of Alert Hooks to send a scheduling receipt once a time is reserved by the user, and the Text-Input and React Date-Time Picker for entering those reservations. Music Lesson side also has multiple device orientation for easier view of times. The venue side will have more colorful attractive display including linear gradient and modals for each venue when clicked.



Gradient

