Full Stack Web Developer Case Study Project

Purpose

This project was created as part of my Career Foundry Web Development course. It's all about creating an awesome app which showcases my coding skills.

CHECK IT OUT!

Context

In our new age of technology more people of using mobile phones as an intricate part of their daily life.

In developing this app it provides a way to make lives easier by creating a way for users to communicate effectively with friends and family.
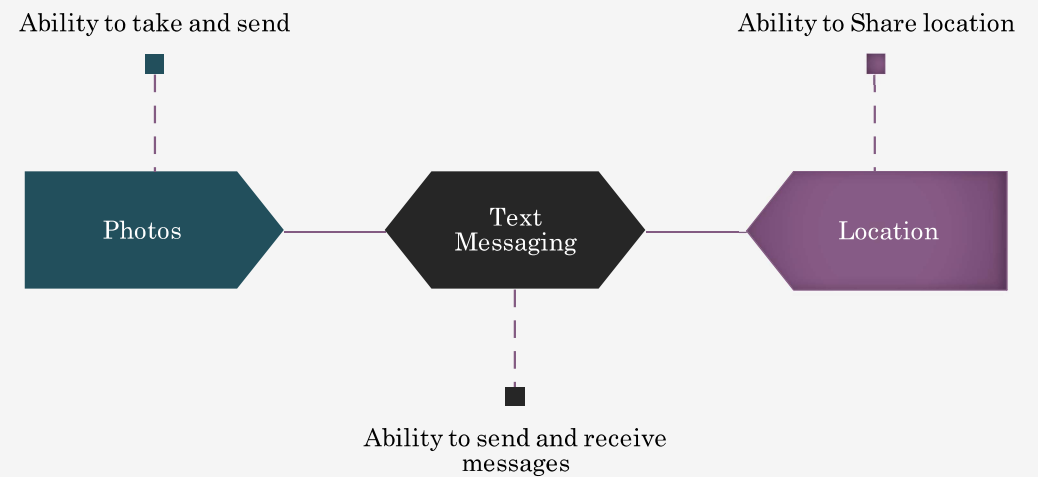
1

Taking Photos

2

Text Messaging

3

Sharing Location

Approach

The Chat app aims to seamlessly incorporate the essential mobile functionalities we rely every day.

Ability to take and send

Ability to Share location

Photos

Text Messaging

Location

Ability to send and receive messages

Features

With great excitement, I embarked on a thrilling challenge to create an app that seamlessly integrates a diverse range of features.

Enter Chat Room by signing into the app

Once signed in: enter your
name, choose backgro und color and start chatting

Share images to show friends what you are up to.

Able to read messages when offline

Share your location

Challenges

Working in Web development comes with its fair share of challenges, and this app was certainly no different.

Since I work on a Windows machine, I ran into some issues where certain parts of the code didn't behave as expected.
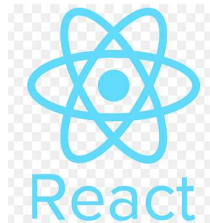
To work around this, I had to opt for "window alert" instead of the usual React Native approach.

Additionally, I found myself using Windows PowerShell for downloads because my VS Code terminal didn't quite cooperate in that aspect.
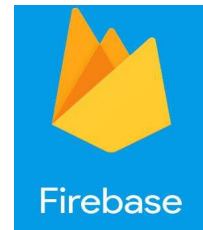
Tech-Stack

In order to bring this app to life, I relied on 3 specific tech-stack programs to build and test it's functionality before submitting the app for approval.

Chat App is built for mobile devises using React Native

Developed using Expo

Chat Conversations stored Locally & in Google Firebase Database

- Creating apps takes a lot of patience and perseverance which sometimes can be a challenge.

- While creating this app I acquired knowledge using React Native, gained hands-on experience with Expo and Storage using Firebase.

- I'm very proud of myself for overcoming the challenges. I have a lot of support thru Career Foundry and I don't think I could make it this far without all the encouragement.

Final Layout