Armand Naude 231181 Summative Submission

Introduction

My name is Armand Naude, and I am currently in my second year at the Open Window Institute, where I am pursuing a double major in Interactive Development and User Experience Design. My passion for creating engaging and user-friendly digital experiences has driven my academic journey. Throughout my studies, I have worked on a variety of projects that have allowed me to apply theoretical knowledge in practical settings, thereby honing my skills in both development and design. These projects have not only enhanced my technical capabilities but also improved my ability to collaborate effectively within teams. This document provides a comprehensive overview of two key projects from Term 1 and Term 2, highlighting the skills and knowledge I have learned.

Term 1 Project: CryptoGraph

Project Overview:

CryptoGraph is a comprehensive platform designed for tracking and analysing cryptocurrency data. It provides real-time information on various cryptocurrencies, along with detailed charts and insights to help users make informed decisions. Below is a brief guide to setting up and using CryptoGraph.

Repository Link: https://github.com/Armand1711/Crypto-app

Features:

- Real-time data on various cryptocurrencies
- Detailed comparison of bid and ask prices
- Timeline of price changes for selected cryptocurrencies
- User-friendly interface with interactive charts

Technologies Used:

- React: Frontend library for building user interfaces
- Recharts: Library for rendering charts
- Axios: HTTP client for making API requests
- CSS: Styling the components
- HTML: Markup language for structuring the web pages

Term 2 Project: Rental Finder

Project Overview:

Our Term 2 project was a group effort to create a car rental site. This platform allows users to log in, sign up, add cars to a favourites page, book cars, and view car information. The project introduced us to MongoDB, where all user information is stored on a MongoDB server.

Repository Link: *https://github.com/EnzoDV08/DV_200_Group2_Final*

Features:

- User authentication (login and signup)
- Add cars to a favourites page
- Book a car
- View detailed car information

Technologies Used:

- MongoDB: Database for storing user information
- Express.js: Backend framework for building web applications
- React: Frontend library for building user interfaces
- Node.js: JavaScript runtime for executing server-side code
