**Title**

Formula 1 Manager Ultimate

**Problem statement**

Design and develop a Formula 1 Manager website that allows users to create a fantasy team consisting of 5 players and 1 team manager. The website should allow users to view the statistics of each player, compare them with other players, and make informed decisions while selecting their team. The database should be designed to store information about the players, teams, races, and user accounts. The website should be user-friendly and provide an intuitive interface for users to interact with.

**Detailed description of the project**

1. **Install Node.js**: Node.js is a JavaScript runtime that allows you to run JavaScript on the server-side.
2. **Install MySQL**: MySQL is a popular open-source relational database management system.
3. **Install Visual Studio Code**: Visual Studio Code is a free and open-source code editor that supports many programming languages and frameworks.
4. **Design the database schema**: Design the database schema for your website using MySQL. Will need to create tables for storing information about the players, teams, races, and user accounts.
5. **Create the back-end**: Create the back-end of your website using Node.js. Will need to create routes for handling HTTP requests and responses, and use the MySQL package to interact with the MySQL database.
6. **Create the front-end**: Create the front-end of website using HTML, CSS, and JavaScript.
7. **Test the website**: Test your website by running it locally and making sure that everything works as expected.

**Software requirement specification**

• IDE-VS Code • Web browser • NodeJS • MySQL • Operating System