Documentation

Introduction

Parking Lot Web Application

It is a fully functional web application for booking the parking slot.

Features

* Allows the authentication of the users
* Hashing of the passwords before storing them in the database
* Interactive and simple interface for booking the parking slot
* No two users can book the same slot
* Detects available parking slots and prevents double bookings.

Technologies Used

**Frontend**: HTML, CSS, JavaScript

**Backend**: Node.js, Express.Js [4.21.2]

**Database**: sqlite3 [5.1.7]

**Authentication**: JWT(JSON Web Tokens) [9.0.2]

**Hosting**: Local Deployment

Installation Guide

1. Prerequisites

Before installing and running the Parking Lot Web Application, ensure you have the following installed on your system:

* **Node.js** (v14 or later)
* **npm** (comes with Node.js)
* A terminal or command prompt