# Car Park Management System - GUI Version

This application provides a graphical user interface (GUI) for the Car Park Management System. The interface allows users to perform various actions such as parking and removing cars, finding parking slots, and displaying the current state of the car park.

## Usage:

1. Launch the application by running the main method in the ApplicationFrame class.
2. The main window will display a series of buttons, each with a label describing its function. Below is a description of each button:

* Button 1: Parks a car in a parking slot. User will be prompted to enter the slot number, owner name, car registration number, and owner role (Staff/Visitor). The button will change its colour based on the parking slot type.
* Button 2 Parks a car in a parking slot based on slot number even if the slot is occupied by the user or not. The button will change its colour based on the parking slot type.
* Button 3: Displays the car park details.
* Button 4: Parks a car in a parking slot. User will be prompted to enter the slot number, owner name, car registration number, and owner role (Staff/Visitor). The button will change its colour based on the parking slot type.
* Button 5: Finds a parking slot by car registration number. The button will change its colour based on the parking slot type.
* Button 6: Removes a car from a parking slot by car registration number. The button will change its colour based on the parking slot type.
* Button 7: Exits the application.

1. Click on any button to perform the corresponding action. The output of the action will be displayed in the text area.
2. To exit the application, click on Button 7 or close the main window.
3. The Menu also has the option which when clicked shows that I(Sajal Basnet) am the creator for this system.