Parking Registration Application Documentation

Introduction

The Parking Registration Application is a Python-based tool that simplifies the process of registering your vehicle for parking on a specific website. It provides a user-friendly graphical interface for entering your license plate and automates the interaction with the parking registration website using the Selenium framework. Additionally, the application sends daily notifications to remind you to complete the registration process.

Features

User Interface (UI)

- Provides an intuitive graphical interface for user interaction.
- Automatically converts entered license plates to uppercase.
- Remembers the last entered license plate for returning users.
- Stores the entered license plate for future use.

Selenium Automation

- Initiates an automated interaction with a parking registration website.
- Logs in using predefined credentials (username and password).
- Selects parking options and enters the user's license plate into the registration form.
- Completes the registration process on the website.

Daily Notifications

- Sends daily notifications to remind users to register for parking.
- Displays the current date and a custom message in the notifications.

- Schedules notifications to be sent at a specific time each day.
- Notifications are persistent and remain on the screen until closed manually.

Startup Execution

- The application can be configured to run at startup, ensuring daily reminders without manual initiation.

Usage

1. Open the Parking Registration Application.
2. Enter your vehicle's license plate in the provided text field.
3. Click the "Submit" button to initiate the Selenium automation process.
4. The application will automatically complete the registration process on the parking registration website, including logging in, selecting options, and entering the license plate.
5. After successfully registering, the application will display a confirmation of the registered vehicles in Aerosoft.
6. Daily notifications will serve as reminders for parking registration. They will be sent at the scheduled time, displaying the current date and a custom message.
7. If configured, the application will run at startup, ensuring you receive daily reminders without needing to manually start the application.

Note: Ensure that you have configured the code with the correct website URL and login credentials to use the application effectively.

Installation and Setup

- Python must be installed on your computer. You can download it from the official Python website and follow the installation instructions.
- Install the required Python packages using the following commands:

```
Copy code

```

- Download the ChromeDriver executable for your version of Google Chrome and place it in the specified location: `C:/Users/ChamathGuruge/Documents/Parking Sign Up/`.

Configuration

- Configure the code with the correct website URL and login credentials to ensure that the application can interact with the specific parking registration website.

Closing the Application

- To stop the application and daily notifications, close the Python script or application window.

Author

[Your Name]

Version

[Version Number]

Date

[Date]

License

[License Information]

Support and Contact

[Contact Information]

This documentation provides an overview of the Parking Registration Application, its features, usage instructions, installation, configuration, and other relevant information. Users can refer to this documentation for guidance on using the application effectively.