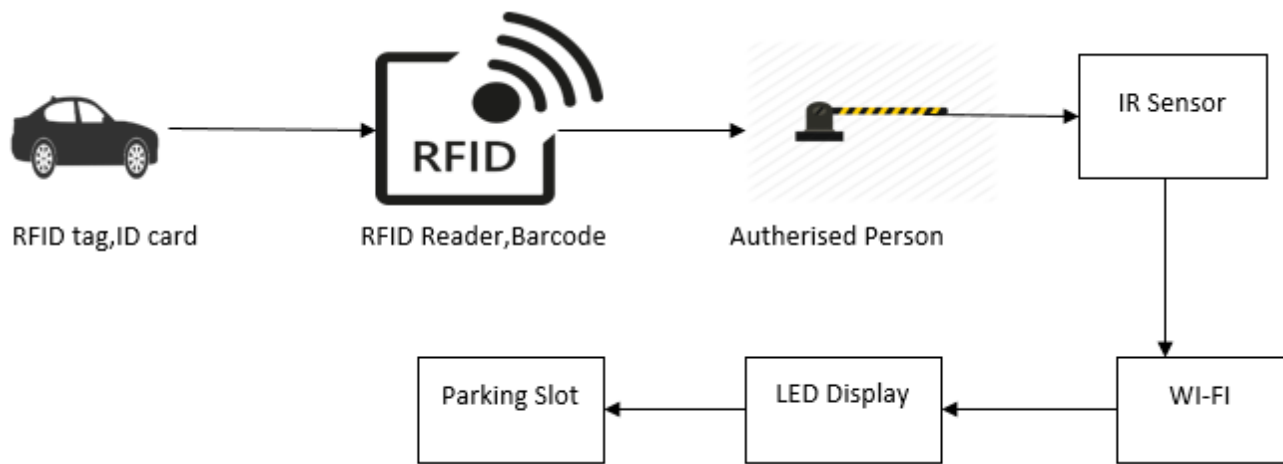# Hitech Park RFID Vehicle Management System

Work Flow
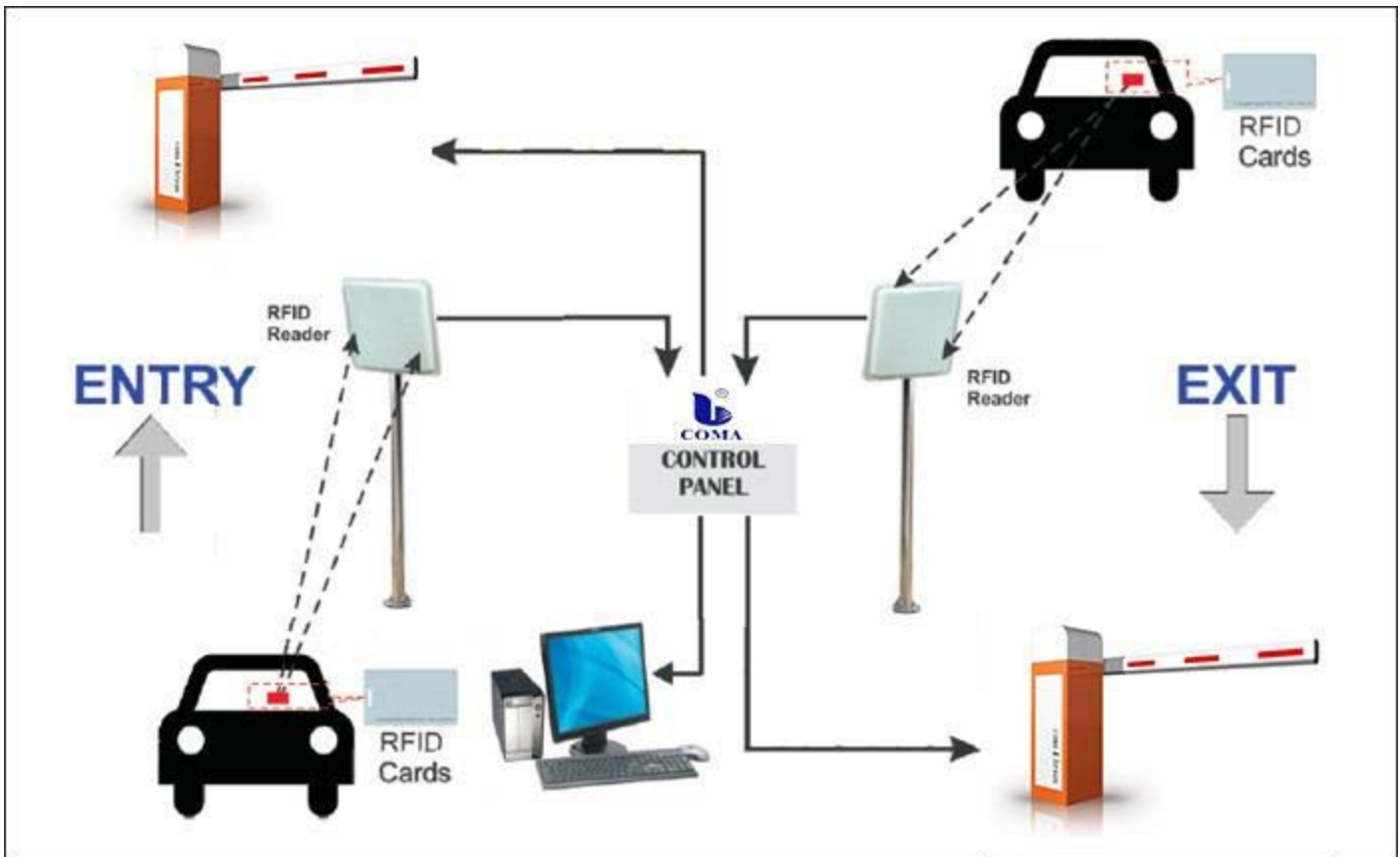
Key Components and Features of Parking Management System

- ➢ Automated Access Control System.
- ➢ Parking Management Software.
- ➢ Statistical Reporting Software.
- ➢ Drivers/Vehicles Information Database.
- ➢ Parking Reserving Barriers.
- ➢ Security Analysis.
- ➢ Daily/Weekly/Monthly Report Generation.
- ➢ Real time Vehicle counting.
- ➢ Automatic Number Plate Recognition via RFID.

RFID tag,ID card   RFID Reader,Barcode   Autherised Person   IR Sensor

Parking Slot   LED Display   WI-FI

Table of Content

Admin Dashboard

There are two types of user, **General User** and **Admin User**. Admin User can see this dashboard and for General User dashboard will be different. Soon we will see that dashboard.

On dashboard admin can see how many vehicles are inside or outside hi-tech park and how many drivers are available or on duty. There is table to show the vehicle log.

General Dashboard

General user can see this dashboard. There is a form to add new guest and a table to see guest history. In the table you can see 2 types of buttons, **Reassign** and **Add a log. Reassign** for reassigning rfid card to the guest and **Add a log** to manually input a log to the guest.

Drivers Details

Drivers details will be shown here. Here three buttons under the **Action** column, view, edit and delete. Using view button drivers log can be seen.

Add New Driver

New driver add form. This for hi-tech park's own vehicles.

Drivers Outside Hitech Park

On duty drivers list will be shown here.

Drivers Inside Hitech Park
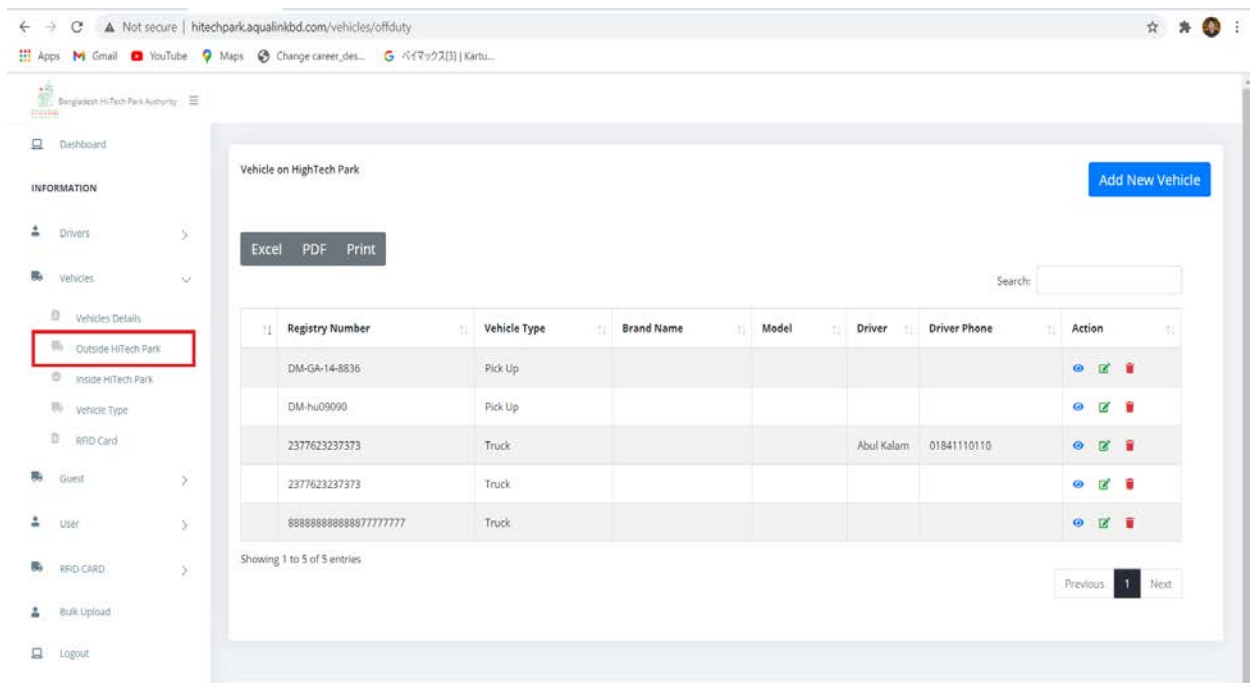
Available drivers list will be shown here.

Vehicle List

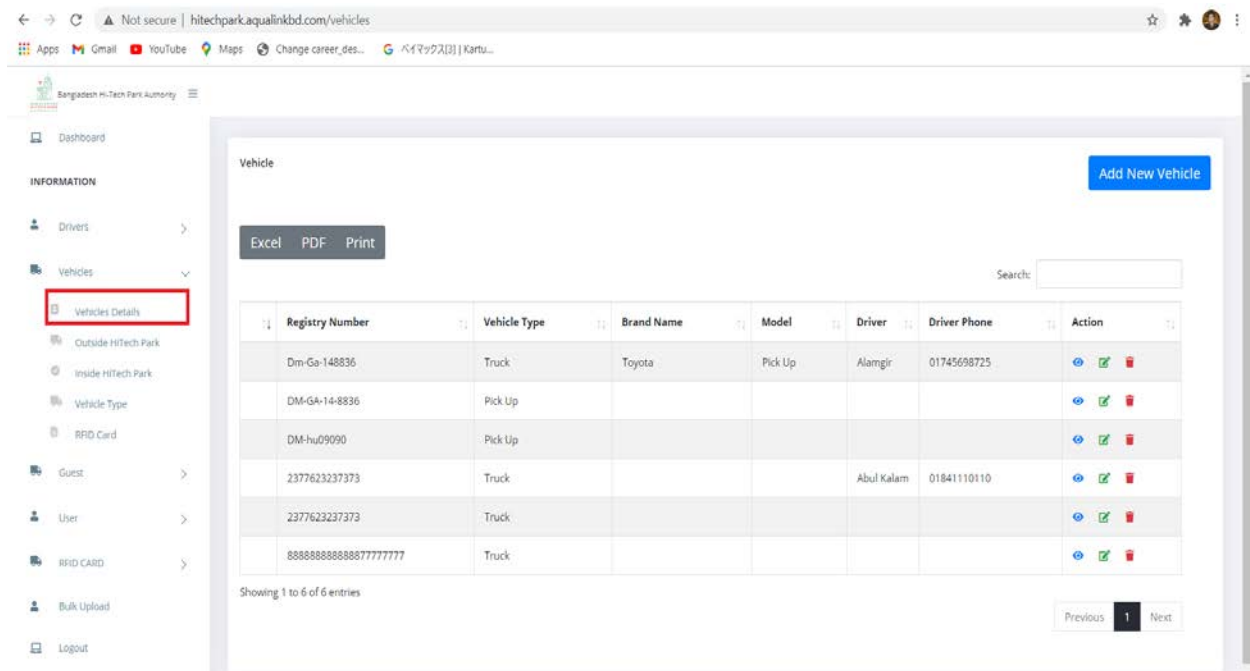Hi-Tech park's own vehicles list will be shown here.

Vehicle Outside Hitech-Park

Hi-tech park's on duty vehicles list will be shown here.

Vehicle Inside Hitech Park

Hi-tech park's available vehicles list will be shown here.

Vehicle Type

Vehicles type will be shown here. Also can be added new vehicles type by clicking **Add New Vehicle** Type button.

Vehicle With RFID Card

Here rfid card can be seen ,edit and delete with vehicles.

Add Rfid Card With Vehicle

This the form to add rfid card with vehicles.

Guest Log

Guest vehicles log will be shown here.

Guest RFID Card

Guest rfid card will be shown here.

Guest RFID Card History

Guest rfid card history table will show all assigned cards with guest. Card can be reassigned or a log can be added from here.

Guest List

Here all guest information will be shown and can be seen their individual log.

Add New User

For adding new user. Admin can add new user.

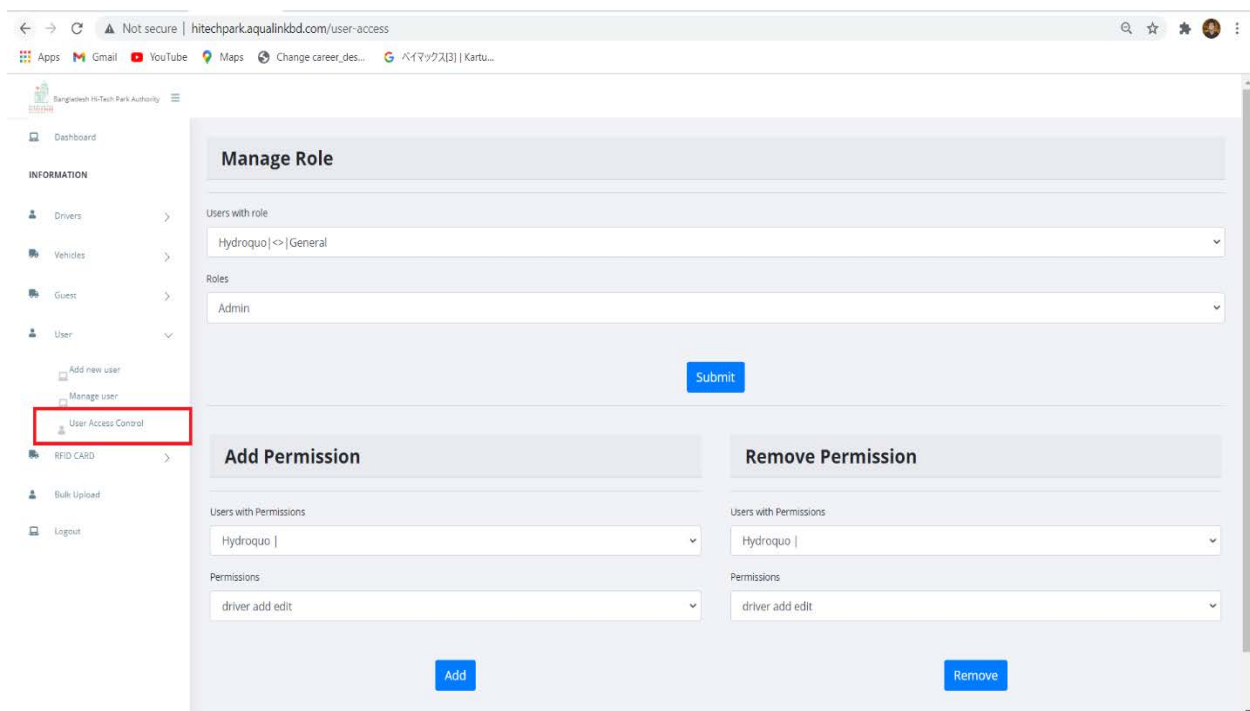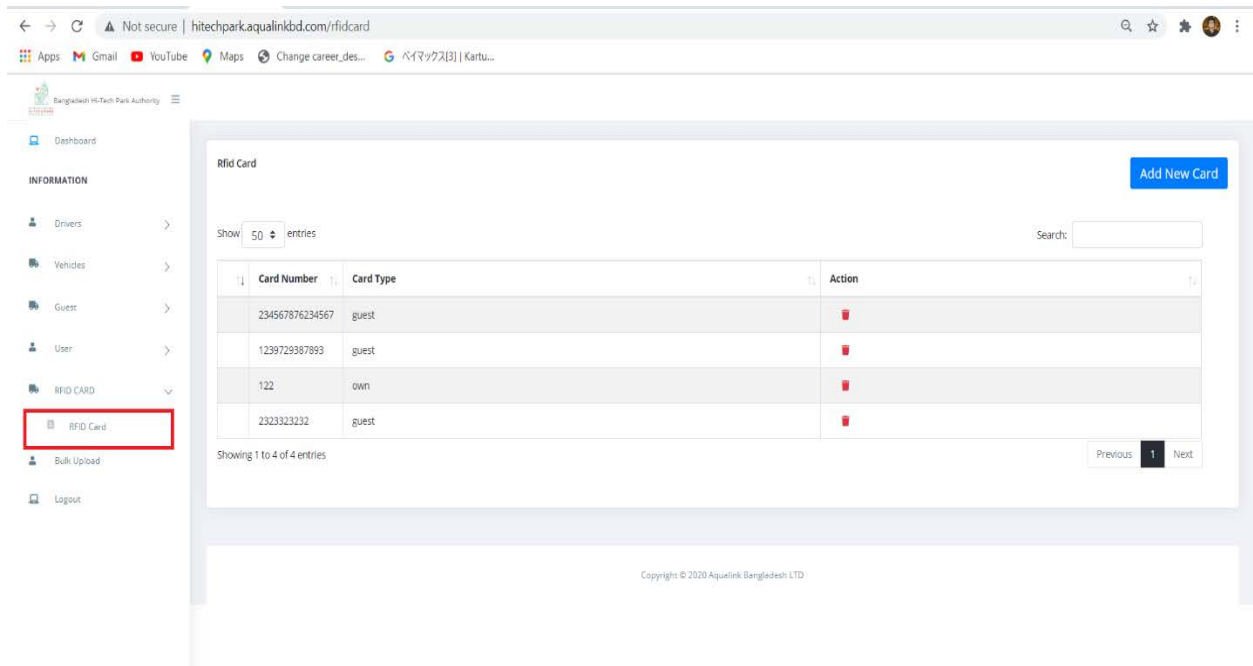# Manage User
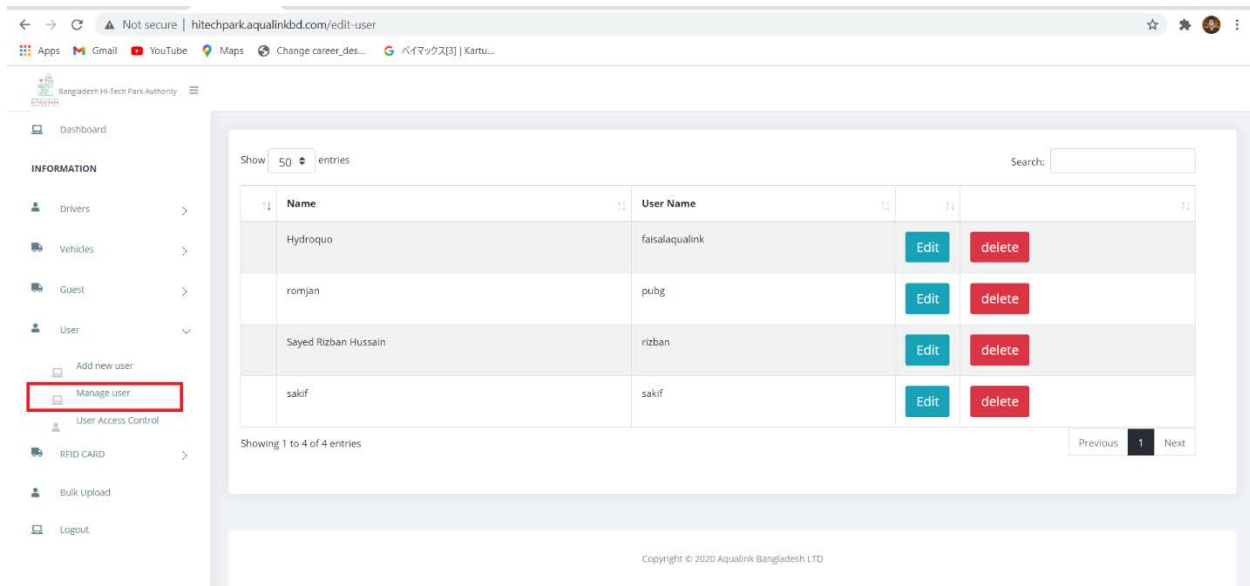
Here admin can edit user information or delete user.
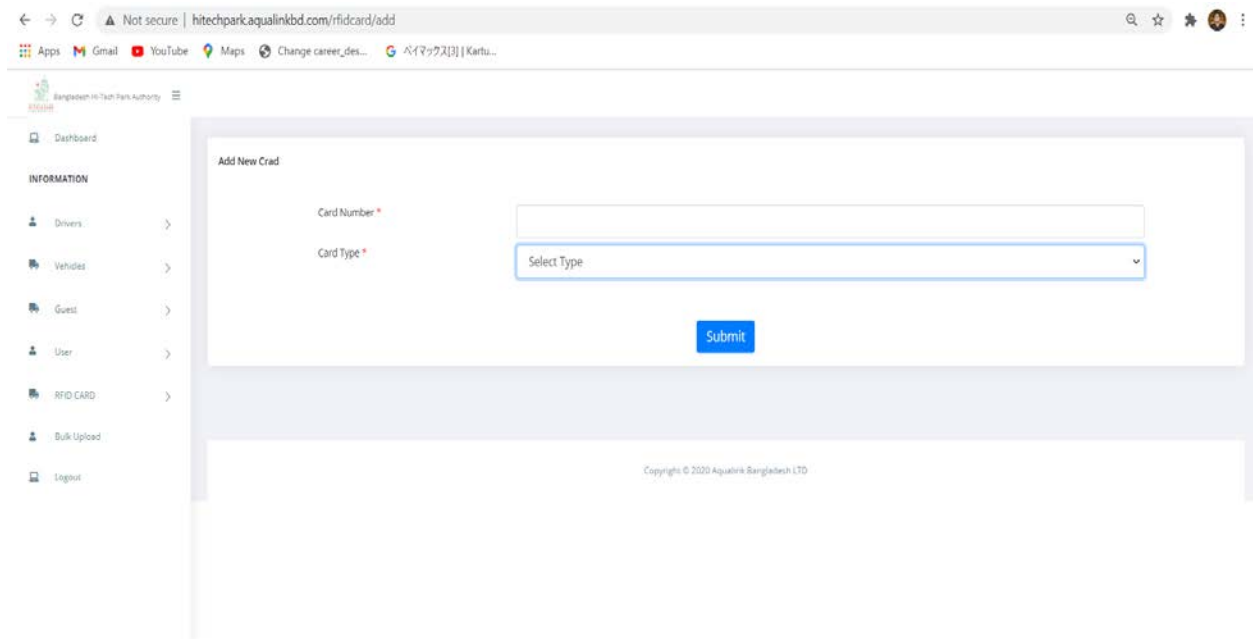
Manage User Access

Admin can manage user type and access permission from here.
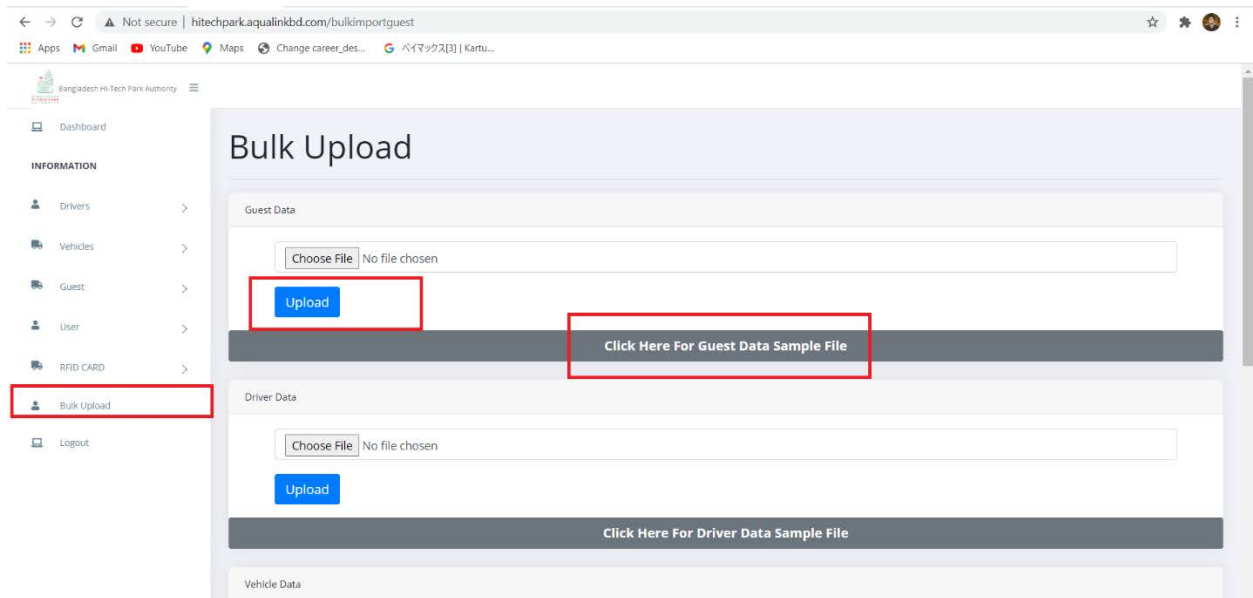
RFID Card List

RFID card list will be shown here.

RFID Card Add

RFID card add form.

Bulk Data Upload

Bulk data can be uploaded from here. Sample file can be downloaded from here. File must be similar to the sample file. The best way is to edit the sample file.