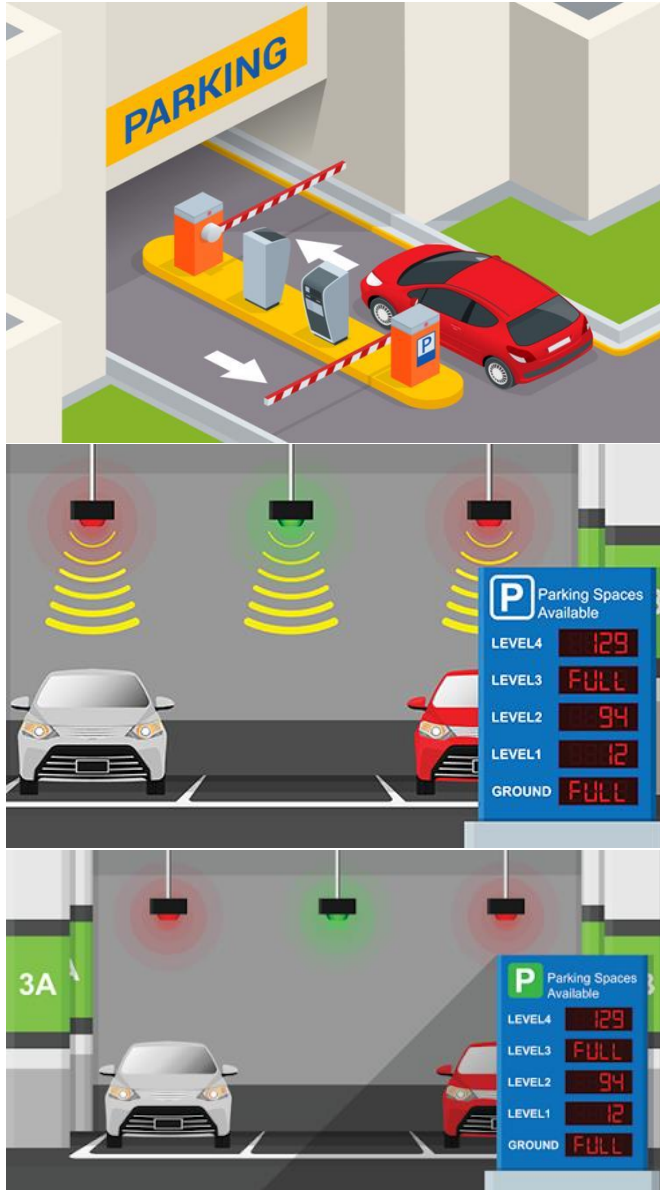


Shopping mall parking management system

Project theme:





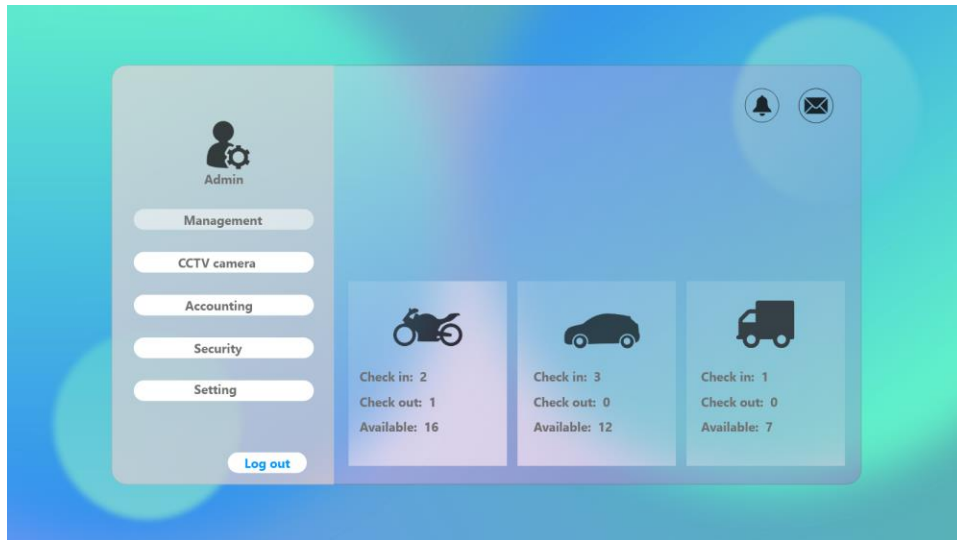
This is an admin-based software.

Admin Screen (UI):

Username

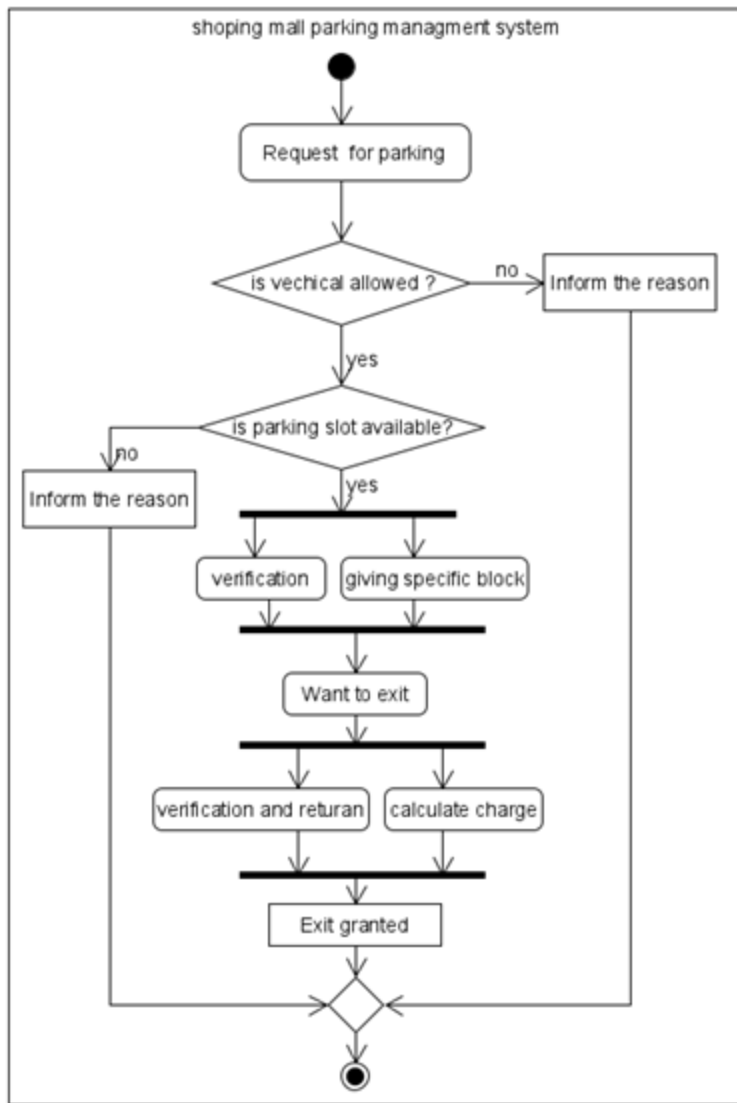
Password

Login

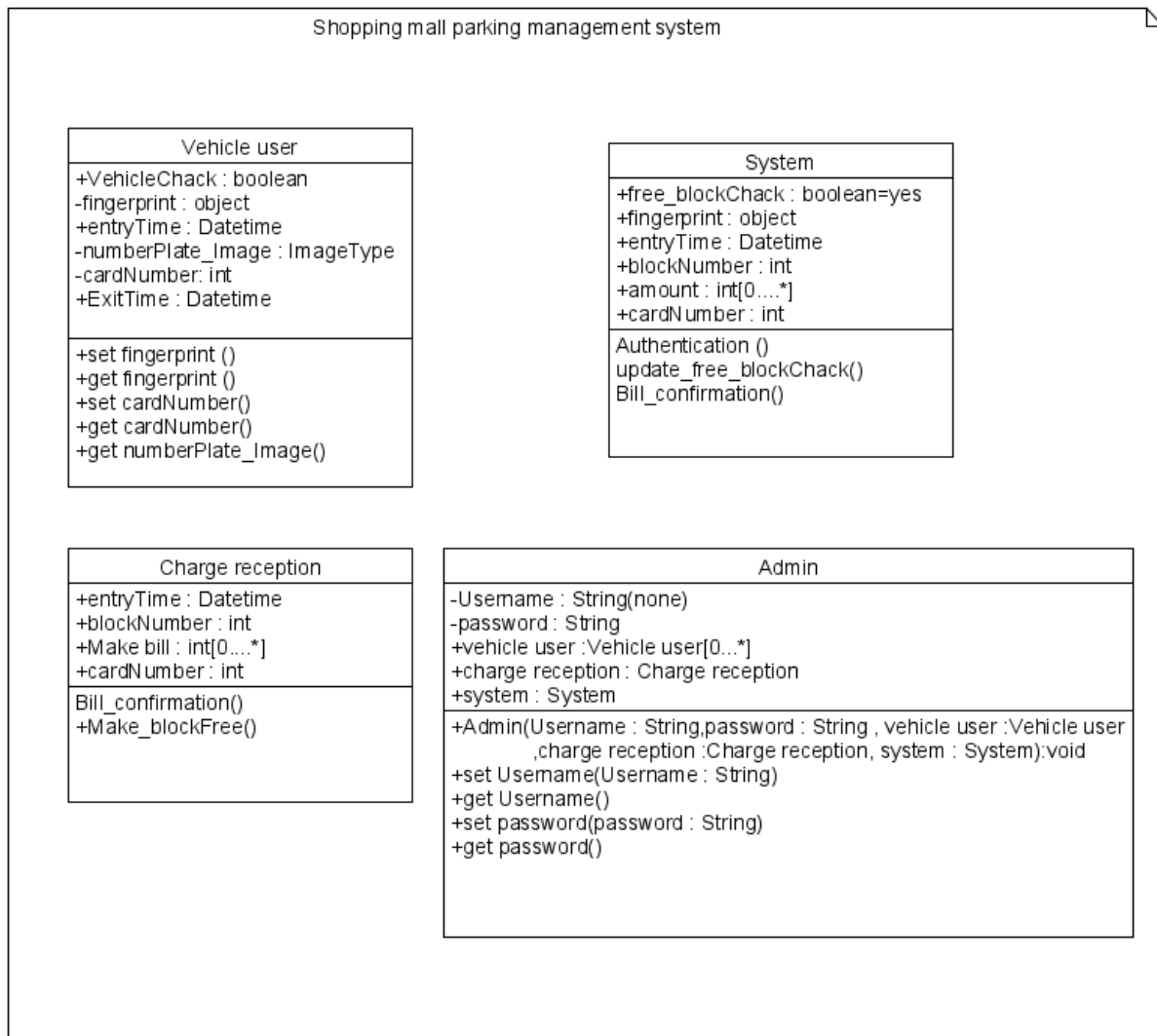


Activity Diagram

When a vehicle user requesting for parking. The controller checked in the database if the vehicle is allowed for parking vehicle or not. If the vehicle is allowed, it further checks if the parking slots is available or not. If parking slots available, then controller collect Information of the vehicle. When a vehicle wants to exit then the controller verifies all information if all verification done return the duration and calculated the amount at the same time. Then the vehicle can exit.



Class Diagram



Database

Vehicle User:

```

CREATE TABLE IF NOT EXISTS `vehicle_
user` (
  `id` int (10) NOT NULL auto_increment,
  `vehicale_type` varchar (255),
  `fingerprint_` varchar(255),
  `card_number` varchar (255),
  `number-plate_image_` varchar (255),

```

`entry_time` datetime,

PRIMARY KEY(`id`)

);

Vehicale Type ▲	Fingerprint ▼	Card Number ▼	Number-plate image ▼	Entry time ▼
Byke		208547		03/04/21 3:39 pm
Cargo Van		7742298		03/04/21 11:40 am
Car		2323490		03/04/21 5:30 pm
Car		4546209		03/04/21 6:30 pm
Car		745362		03/04/21 10:40 am