Installation

- The developer will need access to a MySQL database server and MYSQL client. Or a local package like XAMPP may also be used.
- A text editor to develop and write code is also necessary eg notepad++, atom, php storm.
- All the files will need to be unzipped and placed in a specific folder which can be accessed by the database server.

Database

Database contains several tables which store information needed for the traffic police. The tables store information like Fines, Incident, Offence, People.

Design

The front end has been designed using HTML, CSS and Bootstrap.

Bootstrap was used for

- Buttons
- Fonts
- Forms

SQL Queries

For majority of the process the "SELECT *FROM WHERE" query was used. To retrieve data from the database.

- **Example: "SELECT * FROM People WHERE upper (People_name) LIKE upper ('%$person_name%')"**

INSERT INTO was also used in order to add data into the existing tables in the database.

- **Example: "INSERT INTO Ownership (People_ID, Vehicle_ID) Values('{$Vehicle_ID}','{$People_ID}')"**

UPDATE query was used to alter the existing value in the table.

- **Example: "UPDATE Users set Password='$newPassword' WHERE Username='$user_name'"**

PHP Queries

mysqli connect() was used to connect to the MySQL server.

- **Example: "$conn = mysqli_connect($servername, $username, $password, $dbname);"**

- Isset() was used to check whether a variable is set or not.
- $_POST was used to collect form data after the HTML form was submitted.

List of all the files

1. Login.php
2. Main.php
3. Changepassword.php
4. add_owner.php
5. new_vehicle.php
6. searchnamelic.php
7. Vehiclesearch.php
8. mvp.css