

Read ME

Team

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List of files

1. Camera1.py
2. Camera2.py
3. Connect.php
4. Register.php
5. Login.php
6. Home.php
7. Logout.php
8. Contact.html
9. test.jpg

Hardware requirements

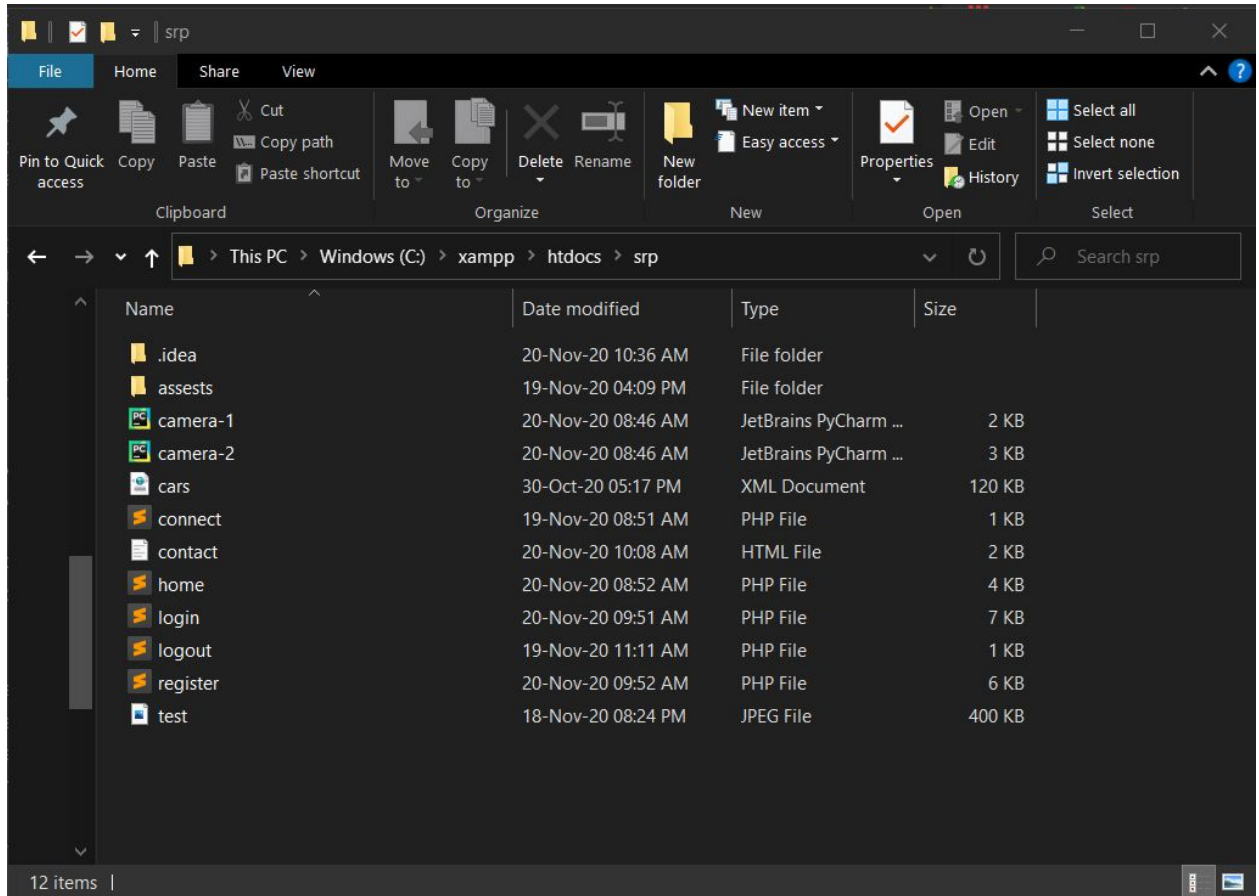
1. CCTV camera

Software requirements

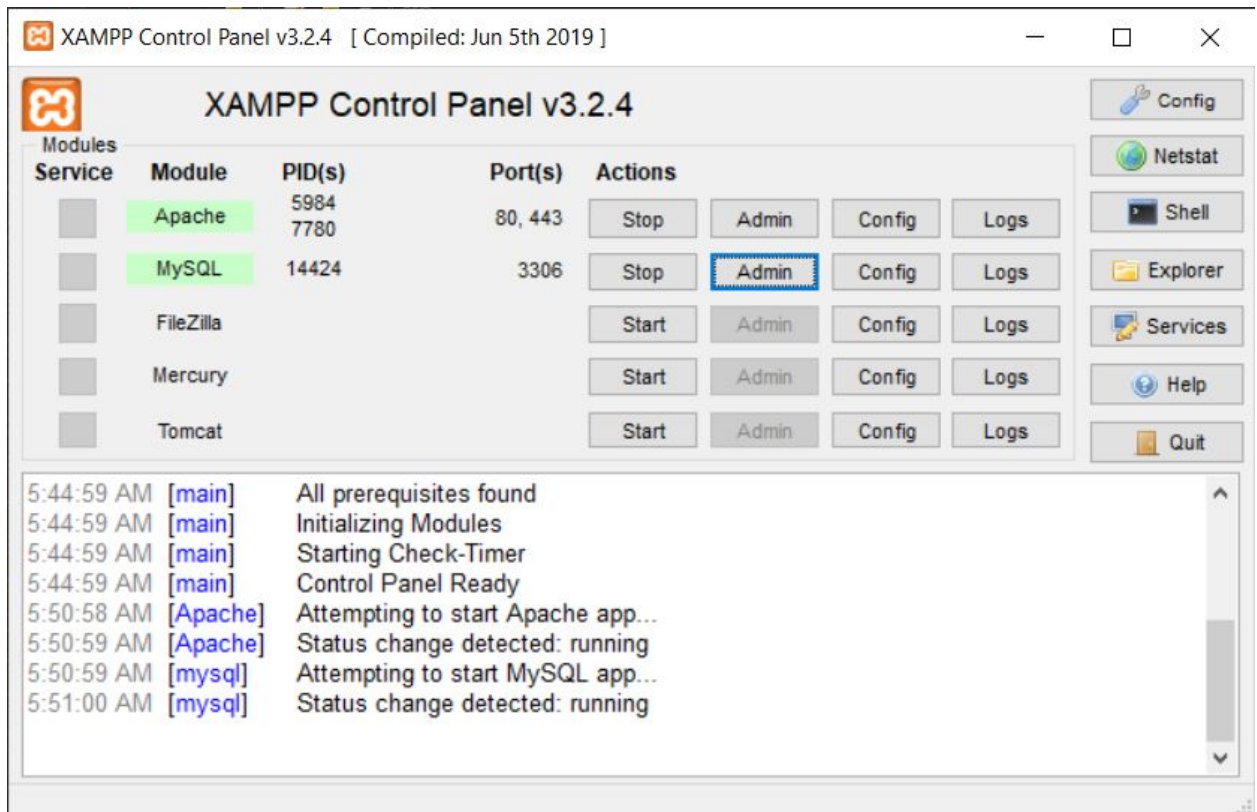
1. Python, PHP, HTML
2. Browser
3. MySQL database
4. Open CV
5. Numpy
6. pytesseract
7. Imutils
8. Pymysql
9. Xampp
10. PyCharm - text editor

Procedure

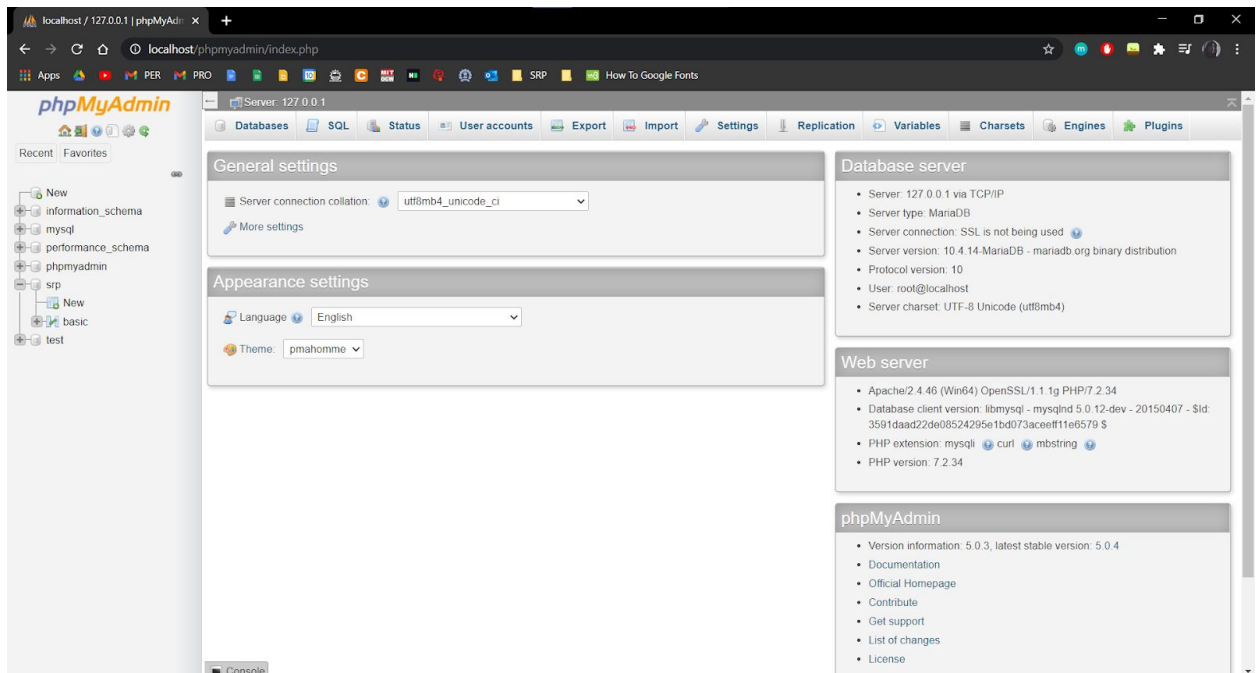
1. Unzip the source code documents into C:\xampp\htdocs\folder_name



2. Open Xampp control panel and start Apache and MySQL.

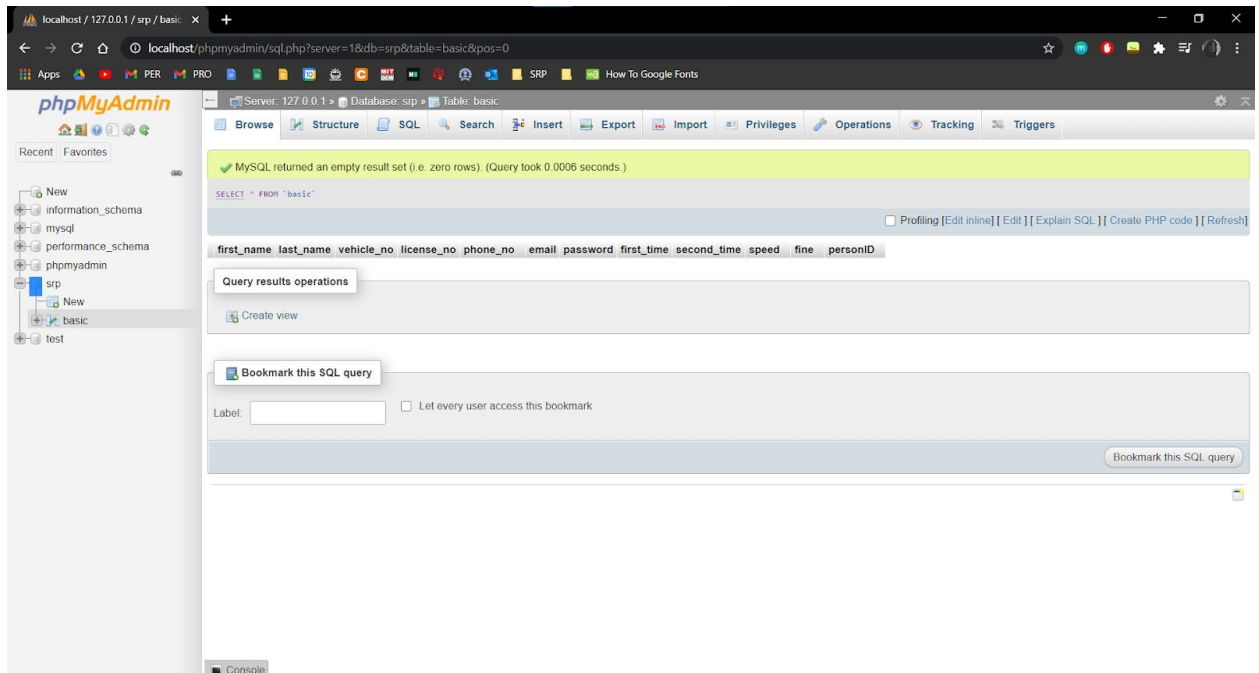


3. In the browser open <http://localhost/phpmyadmin/index.php>



4. Enter the following query to create a database and table.
"CREATE DATABASE SRP"

```
"CREATE TABLE basic (first_name VARCHAR(20), last_name  
VARCHAR(20), vehicle_no VARCHAR(10), license_no  
VARCHAR(20), phone_no int, email VARCHAR(20), password  
VARCHAR(20), first_time datetime, second_time datetime,  
speed float, fine int, personID int PRIMARY KEY  
AUTO_INCREMENT)"
```



5. To create your account, open register.php from localhost.

A screenshot of a web page titled 'SIGN UP'. The page has an orange header with the text 'SIGN UP'. Below the header is a teal navigation bar with links: 'Contact us', 'Sign into your account', and 'Create your account'. The main content area contains a registration form with the following fields: 'First Name', 'Last Name', 'Vehicle number', 'License number', 'Phone number', 'Email', and 'Password'. Each field has a corresponding input line. At the bottom of the form is a teal button labeled 'SIGN UP'. The page is framed by orange bars at the top and bottom.

6. Then login to view your details

The image shows two screenshots of a web application. The first screenshot is the login page, which has an orange header with the text "SIGN IN". Below the header is a teal bar with three links: "Contact us", "Sign into your account", and "Create your account". The main content area has a light blue input field containing "AJC300", a password field with four dots, and a teal "SIGN IN" button. The second screenshot is the home page, which has an orange header with the text "HOME PAGE". Below the header, the user's details are displayed: "AJC300" in large teal text, followed by "NAME : Preethi Raju", "EMAIL : test@test.com", "PHONE : 987654321", and "FINE :". Below these details is a teal "PAY FINE" button. At the bottom of the page is an orange bar with the text "LOGOUT". A small notification in the bottom right corner says "1 new notification".

7. Open pycharm and under file>settings>interpreter install the following packages

- cv2
- imutils
- numpy
- pytesseract
- pymysql
- datetime from _datetime

8. Run the camera1.py followed by camera2.py.
9. The programs will run the test image and update the timestamp and speed to the database.

