

## TECH STACK USED

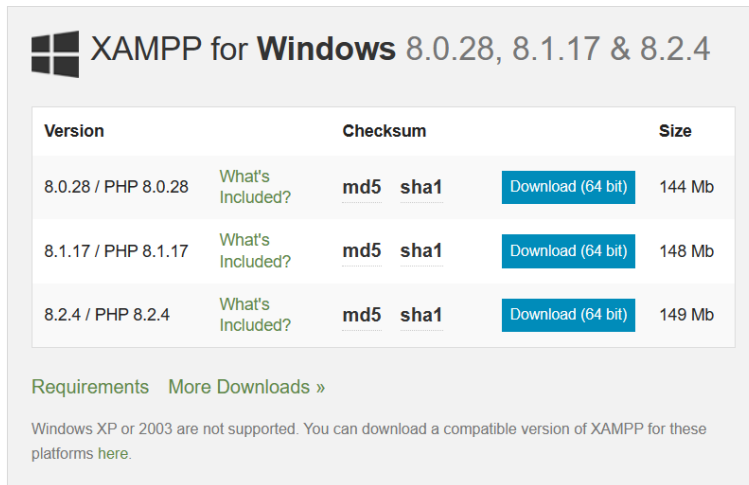
HTML,CSS,JAVASCRIPT for Frontend

PHP to link Frontend to Backend

MySQL for Backend

Steps Need to be followed

1. Download PHP from [Download XAMPP \(apachefriends.org\)](https://www.apachefriends.org)



The screenshot shows the 'XAMPP for Windows' download page. It features a table with three columns: 'Version', 'Checksum', and 'Size'. The table lists three versions: 8.0.28 / PHP 8.0.28 (144 Mb), 8.1.17 / PHP 8.1.17 (148 Mb), and 8.2.4 / PHP 8.2.4 (149 Mb). Each row includes a 'Download (64 bit)' button. Below the table, there are links for 'Requirements' and 'More Downloads »'. A note at the bottom states: 'Windows XP or 2003 are not supported. You can download a compatible version of XAMPP for these platforms [here](#).'

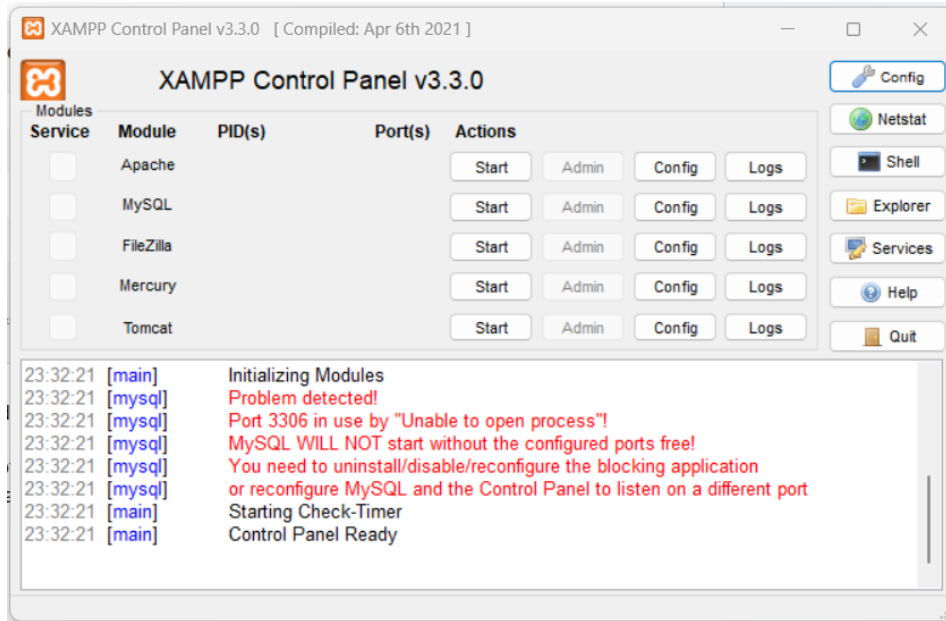
Version	Checksum	Size
8.0.28 / PHP 8.0.28	<a href="#">What's Included?</a> <a href="#">md5</a> <a href="#">sha1</a>	144 Mb
8.1.17 / PHP 8.1.17	<a href="#">What's Included?</a> <a href="#">md5</a> <a href="#">sha1</a>	148 Mb
8.2.4 / PHP 8.2.4	<a href="#">What's Included?</a> <a href="#">md5</a> <a href="#">sha1</a>	149 Mb

[Requirements](#) [More Downloads »](#)

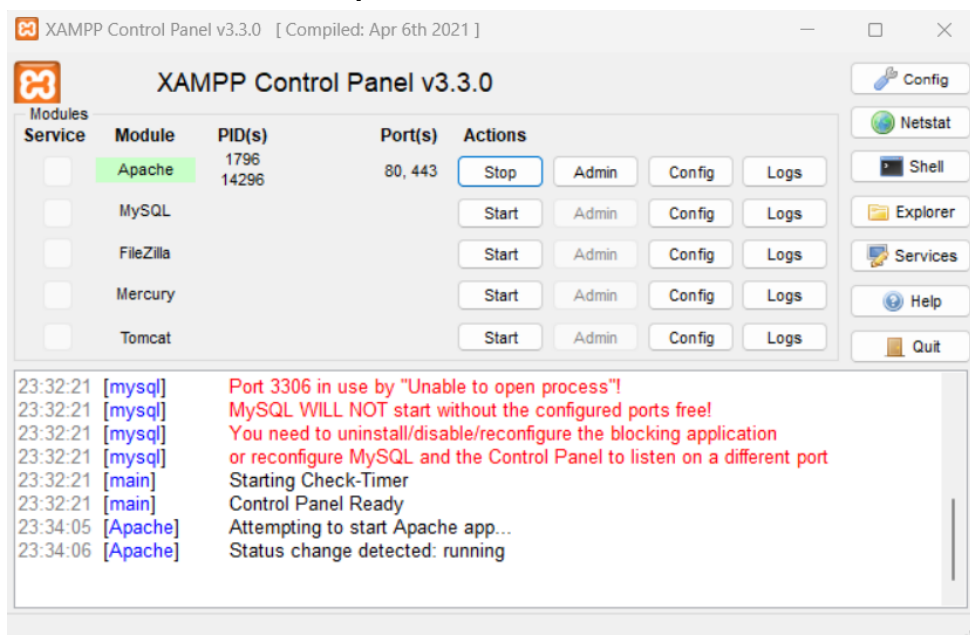
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Download the **Third** link displayed above

2. Do complete installation of XAMPP
3. Then after XAMPP installation search for XAMPP control panel at open it

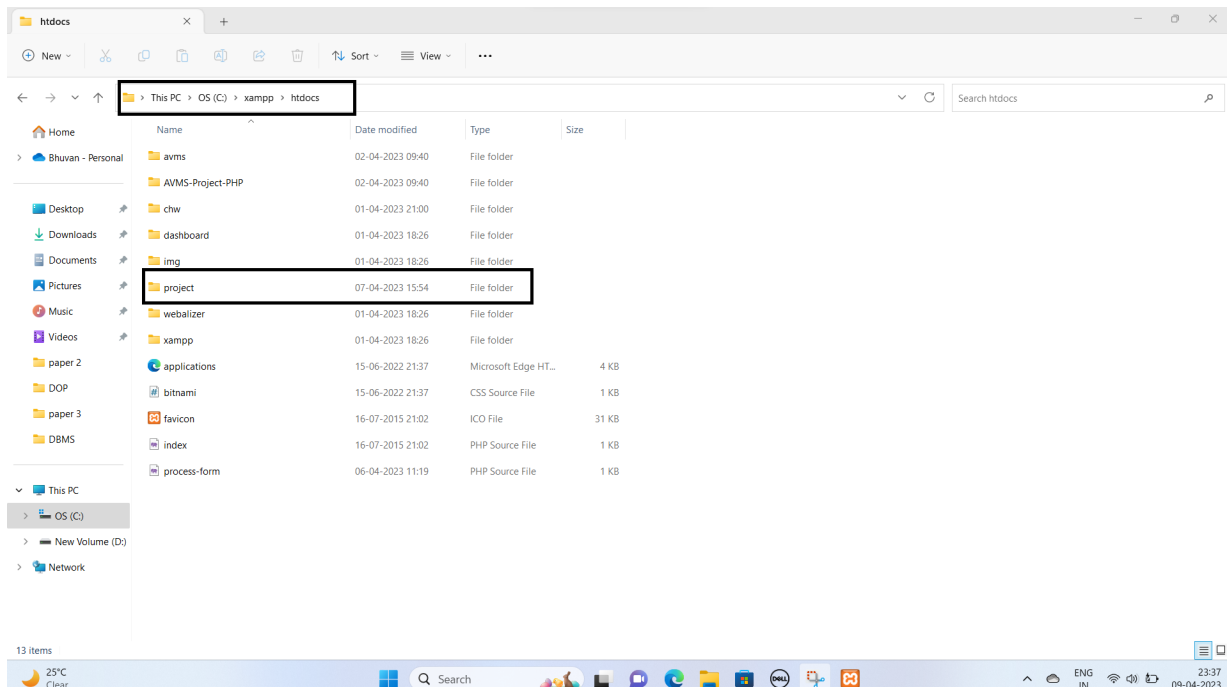


4. Click on start in front of Apache



5. Now minimize the XAMPP control panel window

6. Now copy the **project folder** from the zip folder and paste it in C:\xampp\htdocs



7. Now in mySQL run the following queries

```
create Database gate_management;
use gate_management;

create table user(
    USER_ID INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
    FIRST_NAME CHAR(25),
    LAST_NAME CHAR(25),
    username varchar(30) unique not null ,
    password varchar(30) not null
);

CREATE TABLE vehicle(
    PLATE_NUMBER varchar(25) not null,
    COLOR varchar(25),
    VEHICLE_TYPE varchar(200),
    PRIMARY KEY(PLATE_NUMBER)
);

CREATE TABLE owner(
    USER_ID int not null references user on delete cascade on update cascade,
    PLATE_NUMBER varchar(25) not null,
    PRIMARY KEY(USER_ID,PLATE_NUMBER),
```

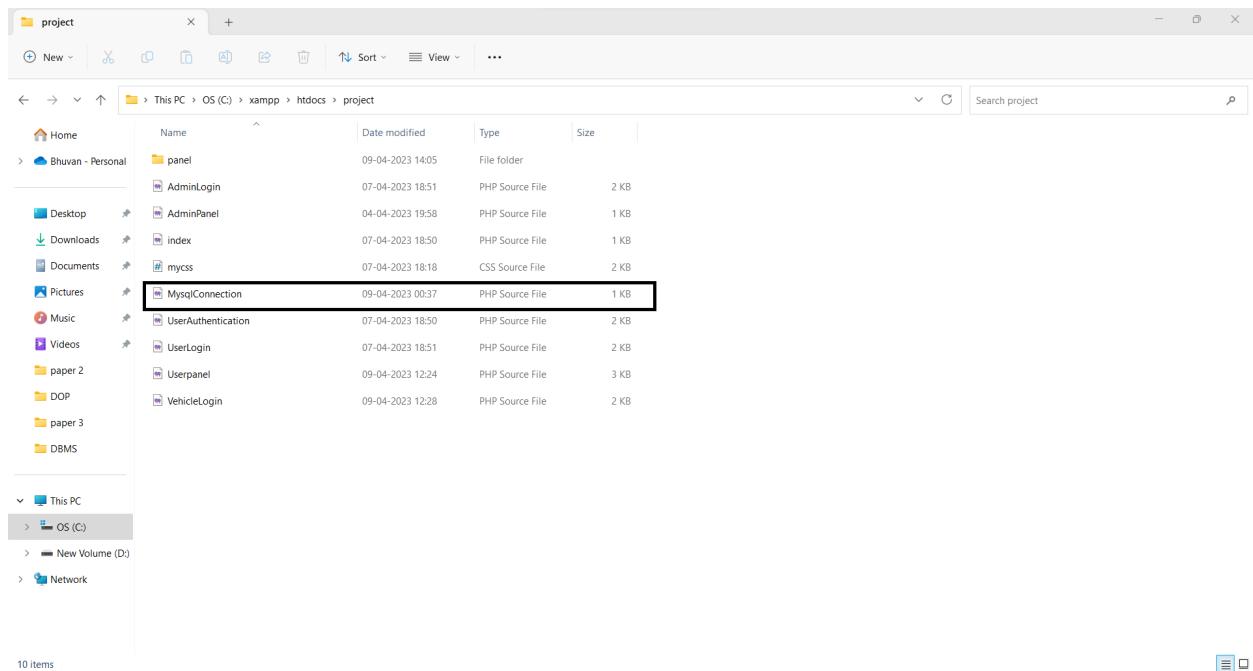
```

FOREIGN KEY (USER_ID) REFERENCES user(USER_ID) ON DELETE CASCADE ON
UPDATE CASCADE,
FOREIGN KEY (PLATE_NUMBER) REFERENCES vehicle(PLATE_NUMBER) ON
DELETE CASCADE ON UPDATE CASCADE
);

CREATE TABLE gate_log(
ENTRY_TIME datetime default current_timestamp,
USER_ID int not null ,
PLATE_NUMBER varchar(25) ,
EXIT_TIME datetime default NULL,
PRIMARY KEY(ENTRY_TIME,USER_ID,PLATE_NUMBER),
FOREIGN KEY (PLATE_NUMBER) REFERENCES vehicle(PLATE_NUMBER ) ON
UPDATE CASCADE,
FOREIGN KEY (USER_ID) REFERENCES user(USER_ID ) ON UPDATE CASCADE
);

```

7. Now come in folder C:\xampp\htdocs\project



8. Open MySqlConnection.php file

```
<?php
$connection=mysqli_connect("localhost","root","123456","gate_managem
ent");
if(!$connection)
{
    echo "connection not established";

    die("could not connect".mysqli_connect_error());
}
else{
    //echo 'connection esatblished';
}
?>
```

File contains the above code

Server = localhost

Username = root

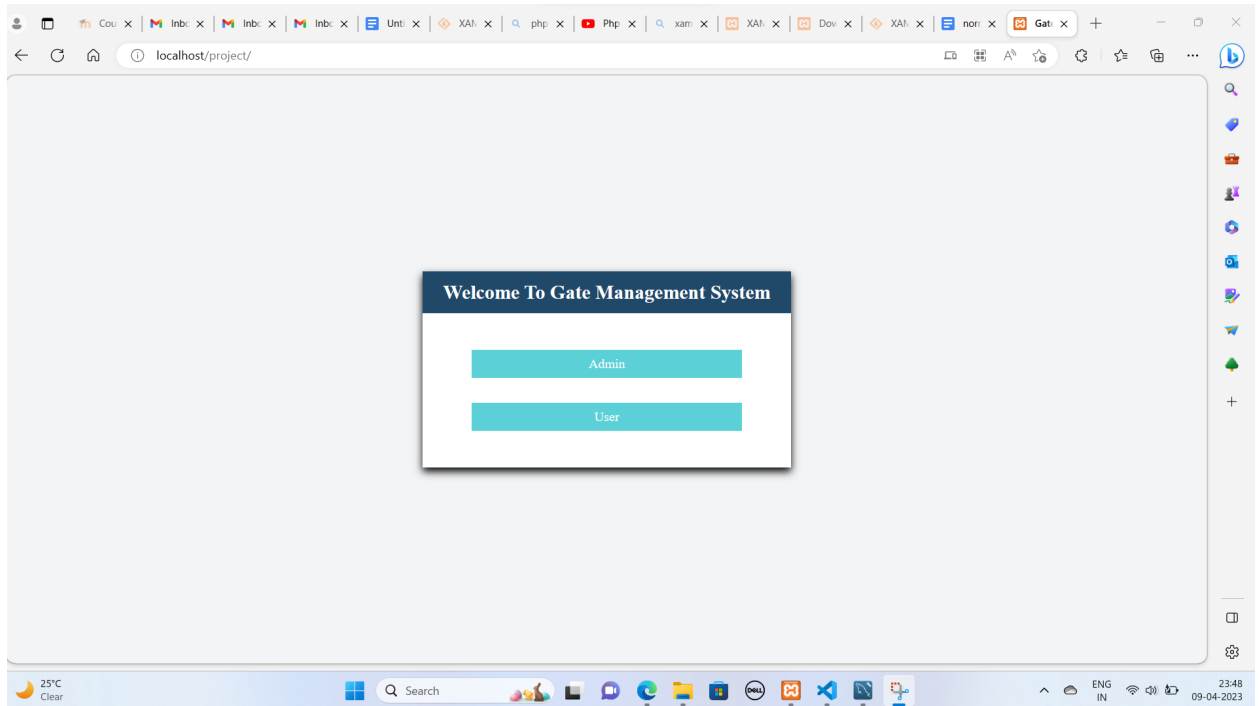
Password = 123456

Database name = gate\_management

Change **server,username and password** according to your system requirements

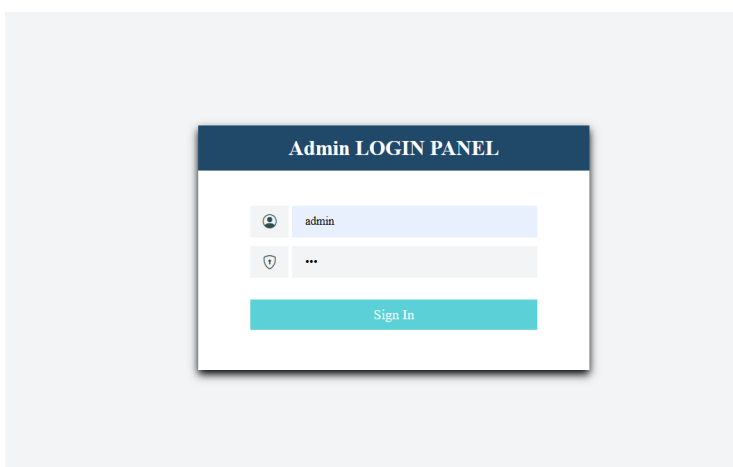
And save it

9. Now open your web browser and type **localhost/project/** as url you will land up at below site



10. Click on admin button  
You will land up at admin Login Page

Username = **admin**  
Password = **123**



11. Click on signin page you will land at admin dashboard

The screenshot shows a web browser displaying an Admin Panel dashboard. The browser's address bar shows the URL `localhost/project/panel/index.php`. The dashboard has a dark sidebar on the left with the 'Admin Panel' logo and navigation links for 'Dashboard', 'Registered Users', and 'New User'. A 'Log out' button is at the top of the sidebar. The main content area is titled 'Dashboard' and features three summary cards: '10 Number of users entered in last 24 hours' (teal), '11 Vehicle Registrations' (red), and '10 User Registrations' (yellow). Below these cards is a table with columns: 'Plate Number', 'First Name', 'Last Name', 'Username', 'Entry Time', and 'Exit Time'. The table includes a toolbar with 'Copy', 'CSV', 'Excel', 'PDF', 'Print', and 'Column visibility' options, along with a search bar. The table data is as follows:

Plate Number	First Name	Last Name	Username	Entry Time	Exit Time
RJ11SD5251	Amita	Kumari	hell	2023-04-09 16:53:33	
RJ15FD9951	Sumit	Wilson	heilo	2023-04-09 16:53:33	
RJ17FD5789	Krishan	Kumar	graphs	2023-04-09 16:53:33	
RJ17YD5251	Devendra	Kumar	pde	2023-04-09 16:53:33	
RJ22FD5771	Balram	Dubey	Funai	2023-04-09 16:53:33	
RJ35PP9251	Sangeeta	Yadav	diffgeo	2023-04-09 16:53:33	
RJ61VD3351	Dalish	Kumar	mathematicsmethods	2023-04-09 16:53:33	

Now you have successfully set up the project for further advancement refer to the video