VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama", Belagavi - 590018

A MINI-PROJECT REPORT ON

"TRAFFIC POLICE MANAGEMENT SYSTEM "

Submitted in the partial fulfillment of the requirement for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE & ENGINEERING

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(Affiliated to Visvesvaraya Technological University, Belagavi)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

Certified that mini-Project work entitled

TRAFFIC POLICE MANAGEMENT SYSTEM

Carried out by

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The student of **"ACS College of Engineering"** in partial fulfillment for the award of **Bachelor of Engineering in Computer Science & Engineering** of the Visvesvaraya Technological University, Belagavi during the year **2023–2024.** It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The Mini-Project report has been approved as it satisfies the academic requirements in respect of Mini-Project work prescribed for the Fourth semester.

Signature of guide	**Signature of HOD**
Mrs. Lakshmi, Asst Professor / CSE ACSCE,Bangalore	Dr. T. Senthil Kumaran, Professor & HOD CSE ACSCE ,Bangalore

ABSTRACT

Nowadays road traffic has become real problem in one-tier and two-tier cities. There are several ways to make travelling safe and one is through the Traffic Police. Responsibility of the traffic Police regarding traffic management includes directing traffic, enforcing traffic rules and regulations and penalizing the driver in case of violating traffic rules. Another way of enforcing traffic discipline is frequent conduction of awareness program, from the Department of Traffic Police, based on the offence data collected. But the existing system do not have centralized repository for storing the penalized data, so this project work is an attempt to develop an android application which will help the traffic police to record the penalty information in the centralized repository. Application to be developed will also consist of analysis part of traffic offences based on which higher authorities can take necessary measures regarding traffic discipline.

Traffic congestion is a major problem in many cities of India along with other countries. Failure of signals, poor law enforcement and bad traffic management has lead to traffic congestion. One of the major problems with Indian cities is that the existing infrastructure cannot be expanded more, and thus the only option available is better management of the traffic. Traffic congestion has a negative impact on economy, the environment and the overall quality of life. Hence it is high time to effectively manage the traffic congestion problem. There are various methods available for traffic management such as video data analysis, infrared sensors, inductive loop detection, wireless sensor network, etc. All these methods are effective methods of smart traffic management. But the problem with these systems is that the installation time, the cost incurred for the installation and maintenance of the system is very high. Hence a new technology called Radio Frequency Identification (RFID) is introduced which can be coupled with the existing signaling system that can act as a key to smart traffic management in real time. This new technology which will require less time for installation with lesser costs as compared to other methods of traffic congestion management. Use of this new technology will lead to reduced traffic congestion. Bottlenecks will be detected early and hence early preventive measures can be taken thus saving time and money of the driver.

ACKNOWLEDGEMENT

I take this opportunity to express my sincere gratitude and respect to the **ACS COLLEGE OF ENGINEERING**, **Bengaluru** for providing me an opportunity to carry out Mini project report.

I express my deep regards to my honourable chairman **Dr. A.C.Shanmugam**, for providing me an opportunity to fulfil my ambition in this prestige institute.

I would like to express my immense gratitude to Principle, **Dr. Anandthirtha.B.Gudi** Principal, ACS College of Engineering, Bengaluru, for his timely help and inspiration during the tenure of the course.

I express my sincere regards and thanks to **Dr. Senthil Kumaran**, HOD , Computer Science and Engineering , ACSCE, Bengaluru for encouraging and support throughout the work.

I am highly thankful to our guide, **Mrs. Lakshmi** for giving me a valuable suggestion, providing cooperation and moral support towards completion of department Mini Project work.

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CHAPTER 01

INTRODUCTION

In recent years, the quantity of motor vehicles increases rapidly and the burden of the management of the road traffic are increasingly heavy. There are several ways to make travelling safe and one is through the Traffic Police. Responsibility of the traffic Police regarding traffic management includes enforcing traffic rules and regulations and penalizing the driver in case of violating traffic rules [1] . In today's information-rich society, everything is becoming smart. This project shows the design and development of smart traffic offence analysis tool with epayment .Traffic-Police-Management System TMS project is about management of offences on the road. TMS project is about management of offences on the road, basically challan and offence records, vehicle records and vehicle owners pertaining to the offence etc.

The existing approach of decentralized road traffic offence information is not efficient as having single integrated road traffic offence information enhances fast, timely and secured accessibility and sharing of road traffic offence information for the agency's decision making. Manual means of identifying offender with only information about an offender is not enough, Identifying road traffic offenders with their pictorial images will aid the agency in authentic documentation and avoid prosecuting wrong persons.

In the same line, as pragmatic beings who believe what they see, showing offender a display diagram sketch of his crime will convince him .This also will provide forensic evidence that will facilitate prosecutions. The proposed model is anticipated to offer an improved solution in road traffic offence information management in real time despite the geographical locations. If the proposed model will be implemented it is expected to improve transparency and accountability and therefore strengthening road safety.

The system is designed using Object Oriented Analysis and Design and Unified Modelling Language was used to bring the view to real life situation. Top down approach was adopted as the implementation approach for this project research. This involves breaking complex system into subsystems and then into modules for easy study and understanding.

The system architecture is basically divided into three basic parts. The first is the front end that shows the user interface designed with PHP, HTML and JavaScript, the back end which hold the database server and different tables, at the middle is

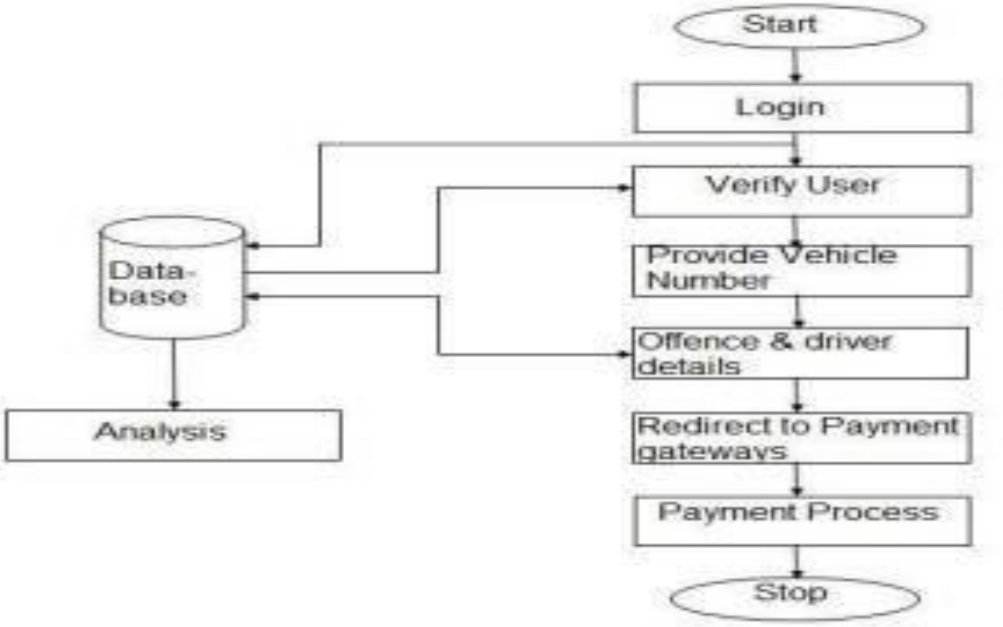


Figure 1.1 Dataflow diagram of smart traffic offence.

the internet Information Service or application server using the Apache server; which provides the connectivity between the front end and the back end. The user interfaces are interactive and provisions are made for security of data stored. The use of the system is relatively simple and the I.T knowledge requirement for its usage is relatively slight

CHAPTER 02

LITERATURE REVIEW

Traffic offence management is a major concern in cities around the world. Mobilized Traffic Offence System is a powerful mobile based application that records all the traffic offences committed citywide [1]. The application helps the traffic police keep adequate information of all traffic offences that has been committed by road users and also maintain the databases of the driver and vehicle details [2].We have many existing android applications that helps the vehicle driver to check his challan status and he can pay the penalty online without the intervention of traffic police .but our application focuses on traffic police as user and he can penalize the one who commits the traffic offence and can collect the penalty amount on spot using e-payment .with the information stored in the database the higher authorities can take appropriate measures [3][4].

CHAPTER 03

METHOD

3.1 DATA FLOW DIAGRAM:

The maintenance of the traffic offence management system is difficult by using the existing spot billing machine (SBM), which increases the paper work. Therefore the problem stated above can be overcome using proposed application Figure 1: Dataflow diagram of smart traffic offence.

3.2 SYSTEM DESIGN:

System design is a transition phase from a user oriented documented system to a purely programmatic oriented system for programmer's database personnel. The system design makes the high level decisions about the overall architecture of the system. The system design phase provides the understanding and procedure details necessary for implementing the system recommended study. The target system is arranged into subsystems based on the analysis structure and the proposed architecture. The system design has been in two phases-logical design and physical design. In the logical design, the user specification for the proposed system were formulated, also procedures were designed in a manner that would meet the project requirement Physical design follows the logical design phase, in his phase, emphasis is put on how the requirements are to be achieved in terms of hardware equipment's and procedures were formulated.

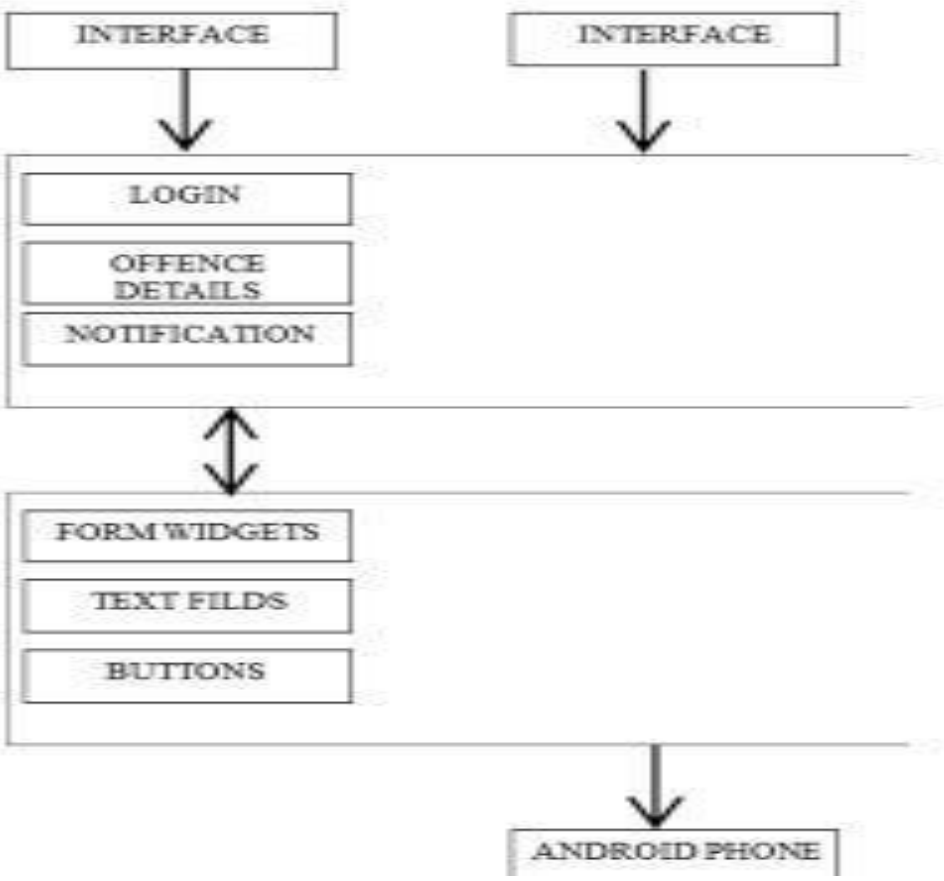


Figure 2.2 System Architecture The above figure represents the system

architecture of our android application. The android application consists of front end and back end. Front end represents the graphical user interface which is visible to the users. The Backend consists of activities or modules which constitutes an application the GUI consists of form widgets, text fields, buttons layouts, images, wi-fi. Front end consists of required modules of one applications

CHAPTER 04

4.1 About the Online Traffic Police Management System

This web application was developed using **PHP, MySQL Database, HTML, CSS, JavaScript (Ajax & jQuery), Bootstrap, Admin LTE Template, and some other libraries/plugins**. I created this project using **XAMPP** version 3.30 and does have a **PHP version of 8.0.7**.

The **Online Traffic Offense Management System** is easy to use and has a pleasant user interface. It requires system users' credentials in order for the management/staff to access the data and functionalities of the project. The system has 2 types of users which are the **Admin** and the **Staff**. The **Admin** can access and manage all the data and features of the project while the **Staff** has only limited access. This system stores the list of traffic offenses and along with this data is the fine or penalty rate in each of these. In every traffic offense ticket, the violator can be fined for multiple offenses. This project also generates a printable **Driver's Info and Records, Traffic Offense Ticket, and Reports.**

4.2 FEATURES

- **Login Portal**
- **Secure Login/Logout**
- **Dashboard**
- **Manage Offense List**
- **Manage User List**
- **Manage Drivers List**
- **Manage Offense Ticket/Records**
- **Print Driver's Offense Ticket**
- **Print Driver's Information and Offense Records**
- **Generate a printable date-wise Report**
- **Update System Information**
- **Update Account Credentials**

CHAPTER 05

5.1 TECHNOLOGIES USED

The project utilizes the following technologies:

- **SQL**: For database management and queries.
- **PHP**: For server-side scripting and database interaction. • **JavaScript**: For client-side scripting and dynamic content handling.
- **CSS**: For styling the web pages.
- **Bootstrap**: For responsive design and UI components.
- **HTML**: For structuring the web pages.

5.2 IMPLEMENTATION

The implementation of the project involves setting up the XAMPP server and creating the required databases using SQL. PHP scripts handle server-side logic and database interactions. JavaScript enhances the user experience by providing dynamic content updates. CSS and Bootstrap are used for styling and ensuring the responsiveness of the web pages. HTML structures the content of the web pages.

CHAPTER 06

6.1 ADMIN PAGE

```
<h1>Welcome to <?php echo $_settings->info('name') ?></h1>

<hr class="bg-light">

<div class="row">

        <div class="col-12 col-sm-6 col-md-3">

          <div class="info-box">

            <span class="info-box-icon bg-light elevation-1"><i class="fas facalendarday"></i></span>


            <div class="info-box-content">

              <span class="info-box-text">Today's Offences</span>

              <span class="info-box-number text-right">

                <?php

                  $offense = $conn->query("SELECT * FROM `offense_list` where date(date_created) = '".date('Y-m-d')."' ")->num_rows;                    echo number_format($offense);

                ?>

                <?php ?>

              </span>

            </div>

            <!-- /.info-box-content -->

          </div>

          <!-- /.info-box -->
```

```
</div>
<!-- /.col -->
<div class="col-12 col-sm-6 col-md-3">
  <div class="info-box mb-3">
    <span class="info-box-icon bg-info elevation-1"><i class="fas faidcard"></i></span>

    <div class="info-box-content">
      <span class="info-box-text">Total Driver's Listed</span>
      <span class="info-box-number text-right">
        <?php
          $drivers = $conn->query("SELECT id FROM `drivers_list` ")->num_rows; echo number_format($drivers);
        ?>
      </span>
    </div>
    <!-- /.info-box-content -->
  </div>
  <!-- /.info-box -->
</div>
<!-- /.col -->

<!-- fix for small devices only -->
<div class="clearfix hidden-md-up"></div>

<div class="col-12 col-sm-6 col-md-3">
```

```
          <div class="info-box mb-3">
           <span class="info-box-icon bg-lightblue elevation-1"><i class="fas
fatrafficlight"></i></span>

           <div class="info-box-content">
            <span class="info-box-text">Total Traffic Offenses</span>
            <span class="info-box-number text-right">
            <?php
                $to = $conn->query("SELECT id FROM `offenses` where status = 1
")-
>num_rows;
                echo number_format($to);
              ?>
            </span>
           </div>
           <!-- /.info-box-content -->
          </div>
          <!-- /.info-box -->
         </div>

         </div>
```

6.2 LOGIN PAGE

```
?php require_once('../config.php') ?>
<!DOCTYPE html>
<html lang="en" class="" style="height: auto;">
 <?php require_once('inc/header.php') ?>
 <style>    body{
    background-image: url('<?php echo validate_image($_settings->info('cover'))
?>');      background-size:cover;       background-repeat:no-repeat;
   }
 </style>
<body class="hold-transition login-page ">
  <script>     start_loader()
</script>
  <h2 class="text-center pb-4 mb-4 text-light"><?php echo $_settings>info('name') ?> - Admin
Login</h2>
<div class="login-box">
  <!-- /.login-logo -->
  <div class="card card-primary">
    <div class="card-body">
      <form id="login-frm" action="" method="post">
        <div class="input-group mb-3">
          <input    type="text"      class="form-control"   name="username"
placeholder="Username">
          <div class="input-group-append">
            <div class="input-group-text">
              <span class="fas fa-user"></span>
            </div>
          </div>
        </div>
        <div class="input-group mb-3">
          <input    type="password"         class="form-control"   name="password"
placeholder="Password">
          <div class="input-group-append">
            <div class="input-group-text">
              <span class="fas fa-lock"></span>
            </div>
          </div>
        </div>
        <div class="row justify-content-between">
          <div class="col">
            <a href="<?php echo base_url ?>">Go to Portal</a>
          </div>
          <!-- /.col -->
```

```
          <div class="col text-right">
            <button type="submit" class="btn btn-primary btn-flat btn-sm">Sign
In</button>
          </div>
          <!-- /.col -->
        </div>
      </form>
      <!-- /.social-auth-links -->

      <!-- <p class="mb-1">
        <a href="forgot-password.html">I forgot my password</a>
      </p> -->

    </div>
    <!-- /.card-body -->
  </div>
  <!-- /.card -->
</div>
<!-- /.login-box -->

<!-- jQuery -->
<script src="plugins/jquery/jquery.min.js"></script>
<!-- Bootstrap 4 -->
<script src="plugins/bootstrap/js/bootstrap.bundle.min.js"></script>
<!-- AdminLTE App -->
<script src="dist/js/adminlte.min.js"></script>

<script>
  $(document).ready(function(){      end_loader();
 </body>
</html>
```

6.3 Source Code In SQL

```
-- phpMyAdmin SQL Dump
-- version 5.1.1
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
-- Generation Time: Aug 19, 2021 at 10:14 AM
-- Server version: 10.4.19-MariaDB
-- PHP Version: 8.0.7

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_ zone = "+00:00";


/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS
*/;
/*!40101  SET  @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION
*/;
/*!40101 SET NAMES utf8mb4 */;

--
```

-- Database: `traffic_ offense_ DB`

--

-- --

--

-- Table structure for table `drivers _list`

--

```
CREATE TABLE `drivers _list` (
  `id` int(30) NOT NULL,
  `license_ id_ no` varchar(100) NOT NULL,
  `name` text NOT NULL,
  `status` tiny int(1) NOT NULL DEFAULT 1 COMMENT '1 = active, 2 = suspended, 3 = banned',
  `date_ created` datetime NOT NULL DEFAULT current_ timestamp(),
  `date_ updated` datetime DEFAULT NULL ON UPDATE current_ timestamp()
) ENGINE=Inno DB DEFAULT CHARSET=utf8mb4;
```

--

-- Dumping data for table `drivers_ list`

--

```
INSERT INTO `drivers_ list` (`id`, `license_ id_ no`, `name`, `status`, `date_ created`, `date_ updated`)
```

```
VALUES
(1, 'CDM-062314', 'Smith, Johnny D', 1, '2021-08-19 10:45:48', '2021-08-19 10:53:02'),
(4, 'GBN-10140715', 'Blake, Claire C', 1, '2021-08-19 14:56:09', NULL);

-- --------------------------------------------------------

--
-- Table structure for table `drivers_ meta`
--

CREATE TABLE `drivers _meta` (
  `driver _id` int(30) DEFAULT NULL,
  `meta _field` text NOT NULL,
  `meta _value` text NOT NULL,
  `date_ updated` datetime NOT NULL DEFAULT current_ timestamp() ON UPDATE current_ timestamp()
) ENGINE=Inno DB DEFAULT CHARSET=utf8mb4;

--
-- Dumping data for table `drivers_ meta`
--

INSERT INTO `drivers_ meta` (`driver _id`, `meta _field`, `meta_ value`, `date_ updated`) VALUES
(1, 'license_ id_ no', 'CDM-062314', '2021-08-19 10:53:02'),
```

(1, 'last name', 'Smith', '2021-08-19 10:53:02'),

(1, 'first name', 'Johnny', '2021-08-19 10:53:02'),

(1, 'middle name', 'D', '2021-08-19 10:53:02'),

(1, 'dob', '1997-06-23', '2021-08-19 10:53:02'),

(1, 'present _address', 'Sample Address', '2021-08-19 10:53:02'),

(1, 'permanent _address', 'Sample Address', '2021-08-19 10:53:02'),

(1, 'civil_ status', 'Married', '2021-08-19 10:53:02'),

(1, 'nationality', 'Filipino', '2021-08-19 10:53:02'),

(1, 'contact', '09123456789', '2021-08-19 10:53:02'),

(1, 'license_ type', 'Professional', '2021-08-19 10:53:02'),

(1, 'image _path', 'uploads/drivers/1.jpg', '2021-08-19 10:53:02'),

(1, 'driver_ id', '1', '2021-08-19 10:53:02'),

(4, 'license_ id _no', 'GBN-10140715', '2021-08-19 14:56:09'),

(4, 'last name', 'Blake', '2021-08-19 14:56:09'),

(4, 'first name', 'Claire', '2021-08-19 14:56:09'),

(4, 'middle name', 'C', '2021-08-19 14:56:09'),

(4, 'dob', '1992-10-14', '2021-08-19 14:56:09'),

(4, 'present _address', 'Sample Address 123', '2021-08-19 14:56:09'),

(4, 'permanent _address', 'Sample Address 123', '2021-08-19 14:56:09'),

(4, 'civil_ status', 'Married', '2021-08-19 14:56:09'),

(4, 'nationality', 'Filipino', '2021-08-19 14:56:09'),

(4, 'contact', '09123789456', '2021-08-19 14:56:09'),

(4, 'license _type', 'Non-Professional', '2021-08-19 14:56:09'),

(4, 'image_ path', '', '2021-08-19 14:56:09'),

(4, 'driver _id', '4', '2021-08-19 14:56:09'),

```
(4, 'image_ path', 'uploads/drivers/4.jpg', '2021-08-19 14:56:09');

-- --------------------------------------------------------

--
-- Table structure for table `offenses`
--

CREATE TABLE `offenses` (
  `id` int(30) NOT NULL,
  `code` varchar(50) NOT NULL,
  `name` text NOT NULL,
  `description` text NOT NULL,
  `fine` float NOT NULL,
  `status` tiny int(4) NOT NULL DEFAULT 1 COMMENT '0=Inactive, 1=Active',
  `date_ created` datetime NOT NULL DEFAULT current _ timestamp(),
  `date_ updated` datetime DEFAULT NULL ON UPDATE current_ timestamp()
) ENGINE=Inno DB DEFAULT CHARSET=utf8mb4;

--
-- Dumping data for table `offenses`
--

INSERT INTO `offenses` (`id`, `code`, `name`, `description`, `fine`, `status`, `date _created`,
`date _updated`) VALUES
```

(1, 'OT-1001', 'Driving without License', 'This is a traffic offense for driving without License', 650, 1, '2021-08-19 09:14:43', '2021-08-19 09:17:50'),

(2, 'TO-1002', 'Running Over Speed Limit', '& l t; p & g t; Sample Traffic offense or violation for over speed limit.& l t ;/p& g t;', 1000, 1, '2021-08-19 13:54:51', NULL);

-- ----------

--

-- Table structure for table `offense _items`

--

CREATE TABLE `offense _items` (

`driver _offense_ id` int(30) NOT NULL,

`offense _id` int(30) DEFAULT NULL,

`fine` float NOT NULL,

`status` tiny int(1) NOT NULL DEFAULT 0 COMMENT '0=pending, 1=paid',

`date _created` datetime NOT NULL DEFAULT current _timestamp()

) ENGINE=Inn oDB DEFAULT CHARSET=utf8mb4;

--

-- Dumping data for table `offense _items`

--

INSERT INTO `offense_ items` (`driver_ offense_ id`, `offense _id`, `fine`, `status`, `date _created`)

```
VALUES
(1, 1, 650, 1, '2021-08-18 15:00:00'),
(1, 2, 1000, 1, '2021-08-18 15:00:00');

-- --------------------------------------------------------

--
-- Table structure for table `offense_ list`
--

CREATE TABLE `offense_ list` (
  `id` int(30) NOT NULL,
  `driver_ id` int(30) NOT NULL,
  `officer_ name` text NOT NULL,
  `officer_ id` text NOT NULL,
  `ticket_ no` text NOT NULL,
  `total_ amount` float NOT NULL,
  `remarks` text NOT NULL,
  `status` tiny int(1) NOT NULL DEFAULT 0 COMMENT '0=pending, 1=paid',
  `date_ created` datetime NOT NULL DEFAULT current_ timestamp(),
  `date_ updated` datetime DEFAULT NULL ON UPDATE current_ timestamp()
) ENGINE=Inno DB DEFAULT CHARSET=utf8mb4;

--
```

-- Dumping data for table `offense _list`

--

INSERT INTO `offense_ list` (`id`, `driver _id`, `officer_ name`, `officer_ id`, `ticket_ no`,

`total_ amount`, `remarks`, `status`, `date_ created`, `date_ updated`) VALUES

(1, 1, 'George Wilson', 'OFC-789456123', '123456789', 1650, 'Sample Traffic Offense Record Only.', 1, '2021-08-18 15:00:00', '2021-08-19 14:20:59');

-- --

--

-- Table structure for table `system _info`

--

CREATE TABLE `system_ info` (

`id` int(30) NOT NULL,

`meta_ field` text NOT NULL,

`meta_ value` text NOT NULL

) ENGINE=Inno DB DEFAULT CHARSET=utf8mb4;

--

-- Dumping data for table `system_ info`

--

INSERT INTO `system_ info` (`id`, `meta_ field`, `meta_ value`) VALUES

```
(1, 'name', 'Online Traffic Offense Management System - PHP'),
(6, 'short_ name', 'OTOMS - PHP'),
(11, 'logo', 'uploads/1629334140_traffic_light_logo.png'),
(13, 'user_ avatar', 'uploads/user_avatar.jpg'),
(14, 'cover', 'uploads/1629334140_traffic_bg.jpg');

-- --------------------------------------------------------

--
-- Table structure for table `users`
--

CREATE TABLE `users` (
  `id` int(50) NOT NULL,
  `first name` varchar(250) NOT NULL,
  `last name` varchar(250) NOT NULL,
  `username` text NOT NULL,
  `password` text NOT NULL,
  `avatar` text DEFAULT NULL,
  `last_ login` datetime DEFAULT NULL,
  `type` tiny int(1) NOT NULL DEFAULT 0,
  `date_ added` datetime NOT NULL DEFAULT current _ timestamp(),
  `date_ updated` datetime DEFAULT NULL ON UPDATE current _timestamp()
) ENGINE=Inno DB DEFAULT CHARSET=utf8mb4;
```

```
--
-- Dumping data for table `users`
--

INSERT INTO `users` (`id`, `first name`, `last name`, `username`, `password`, `avatar`, `last_ login`, `type`, `date_ added`, `date_ updated`) VALUES
(1, 'Administrator', 'Admin', 'admin', '0192023a7bbd73250516f069df18b500', 'uploads/1624240500_avatar.png', NULL, 1, '2021-01-20 14:02:37', '2021-06-21 09:55:07'),
(9, 'John', 'Smith', 'J smith', '1254737c076cf867dc53d60a0364f38e', 'uploads/1629336240_avatar.jpg',  NULL, 2, '2021-08-19 09:24:25', NULL);

--
-- Indexes for dumped tables
--

--
-- Indexes for table `drivers _list`
--
ALTER TABLE `drivers_ list`
  ADD PRIMARY KEY (`id`);
```

```
--



-- Indexes for table `drivers_ meta`
--
ALTER TABLE `drivers _meta`
 ADD KEY `driver_ id` (`driver _id`);


--
-- Indexes for table `offenses`
--
ALTER TABLE `offenses`
 ADD PRIMARY KEY (`id`);


--
-- Indexes for table `offense_ items`
--
ALTER TABLE `offense_ items`
 ADD KEY `driver_ offense_ id` (`driver_ offense_ id`),
 ADD KEY `offense _id` (`offense _id`);


--
-- Indexes for table `offense _list`
--
ALTER TABLE `offense _list`   ADD
PRIMARY KEY (`id`),
 ADD KEY `driver _id` (`driver _id`);


--
-- Indexes for table `system _info`
--
ALTER TABLE `system _info`
 ADD PRIMARY KEY (`id`);


--
```

```
--



-- Indexes for table `users`
ALTER TABLE `users`
  ADD PRIMARY KEY (`id`);


--
-- AUTO_INCREMENT for dumped tables
--


--
-- AUTO_INCREMENT for table `drivers _list`
--
ALTER TABLE `drivers _list`
  MODIFY `id` int(30) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=5;


--
-- AUTO_INCREMENT for table `offenses`
--
ALTER TABLE `offenses`
  MODIFY `id` int(30) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;


--
-- AUTO_INCREMENT for table `offense _list`
--
ALTER TABLE `offense _list`
  MODIFY `id` int(30) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;


--
-- AUTO_INCREMENT for table `system _info`
--
ALTER TABLE `system _info`
  MODIFY `id` int(30) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=17;
```

```
--



--
-- AUTO_INCREMENT for table `users`
ALTER TABLE `users`
  MODIFY `id` int(50) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=10;


--
-- Constraints for dumped tables
--


--
-- Constraints for table `drivers_ meta`
--
ALTER TABLE `drivers _meta`
  ADD CONSTRAINT `drivers_meta_ibfk_1` FOREIGN KEY (`driver_ id`) REFERENCES ` drivers_
list` (`id`) ON DELETE CASCADE ON UPDATE NO ACTION;


--
-- Constraints for table `offense_ items`
--
ALTER TABLE `offense_ items`
  ADD CONSTRAINT `offense_items_ibfk_1` FOREIGN KEY (`driver_ offense_ id`) REFERENCES
`offense_ list` (`id`) ON DELETE CASCADE,
  ADD CONSTRAINT `offense_items_ibfk_2` FOREIGN KEY (`offense _id`) REFERENCES
`offenses` (`id`) ON DELETE SET NULL ON UPDATE NO ACTION;


--
-- Constraints for table `offense _list`
--
ALTER TABLE `offense_ list`
  ADD CONSTRAINT `offense_list_ibfk_1` FOREIGN KEY (`driver_ id`) REFERENCES ` drivers_
list` (`id`) ON DELETE CASCADE ON UPDATE NO ACTION;
COMMIT;
```

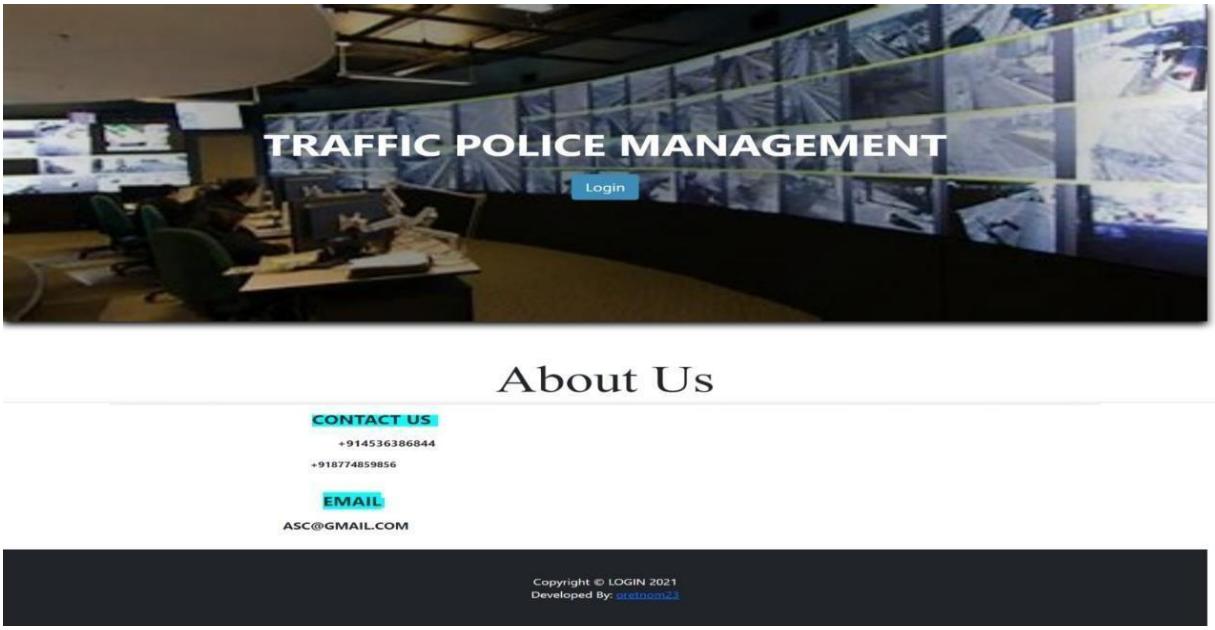
--

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;

/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;

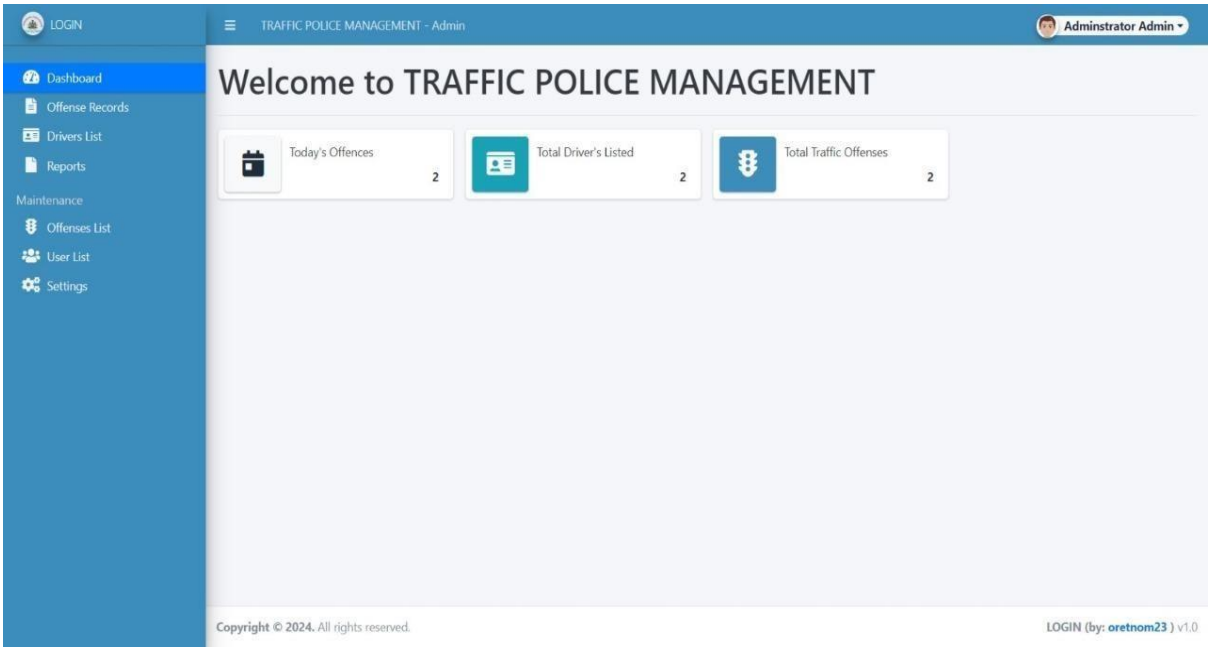
System Snapshots

Portal

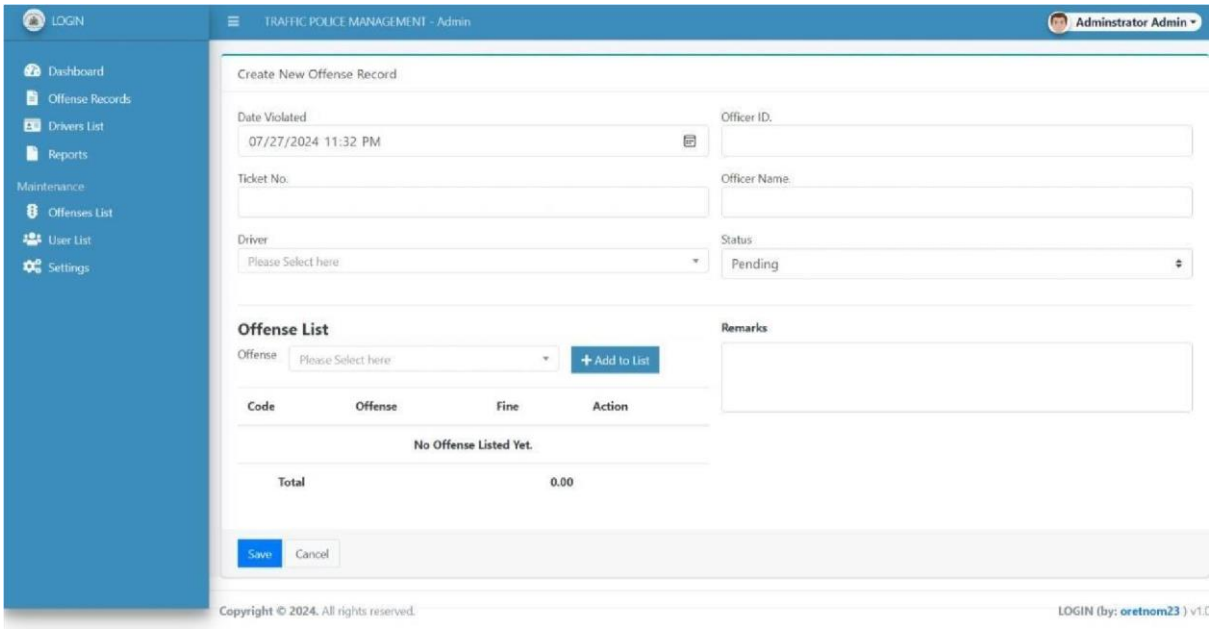


Login Page

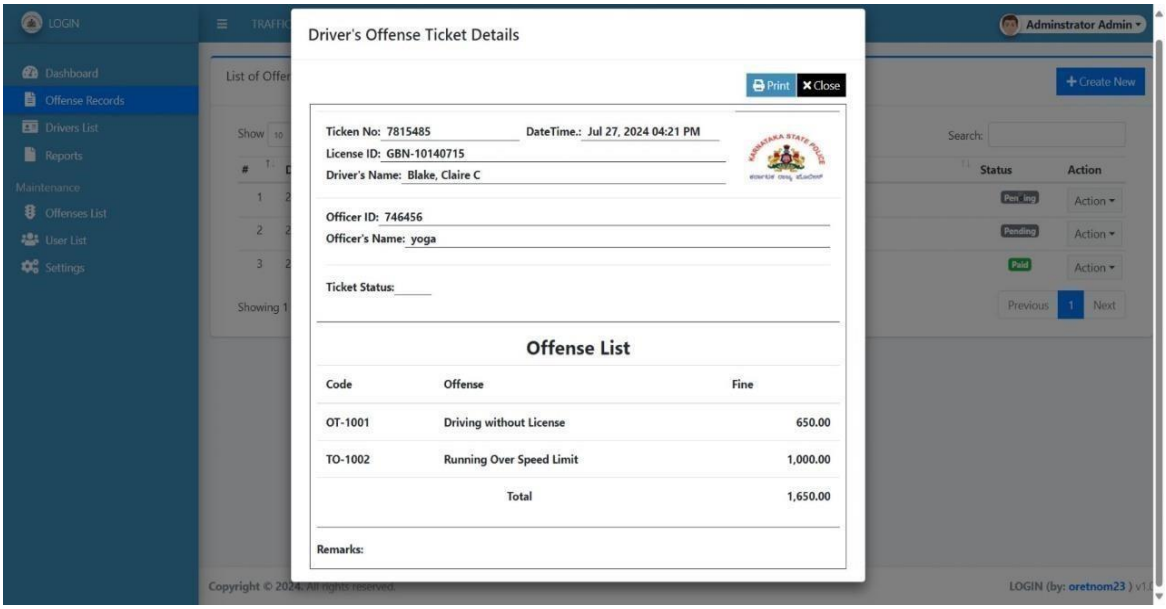
Dashboard



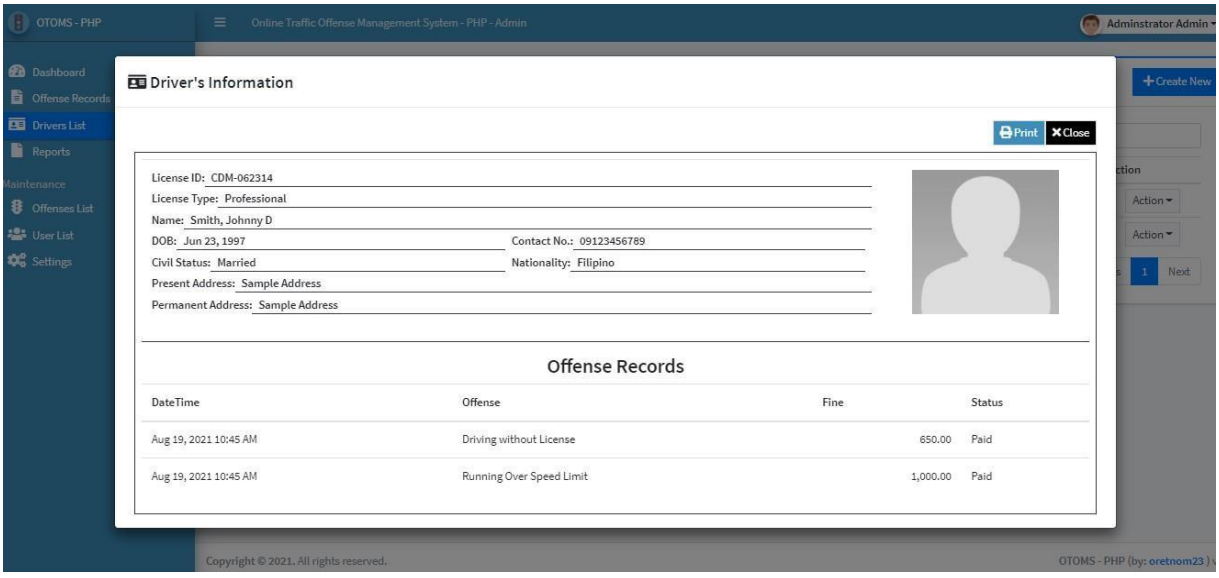
Traffic Offense Form



Generated Traffic Offense Ticket



Generated Driver's Information and Records



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