



Port City International University

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UGC & Govt. Approved University at Khulshi in Chittagong

Report On,
Outlaw Transport Management System

Course Code: "CSE 222"

Course Title: "Database Management Systems Sessional"

Submitted To

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Date of Submission: 8 December 2022

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Description:

Outlook Transport Management System is a system where a user can store up his/her data such as trip information ,payments, maintaining his/her vehicles and drivers. Before that , those things were stored in notebooks which is vulnerable as well as can be lost somewhere else which is not secure. This management system took up all information in Database and secure with user's password.

Apparatus:

1. Operating System: Windows 11 Education Pro
2. IDE: VS CODE
3. Programing Languages: HTML, CSS, PHP, JS, MYSQL
4. SQL Server: Xampp

- **Why it's important to have a transportation management system?**

Transportation management systems play a central role in supply chains, affecting every part of the process from planning and procurement to logistics and lifecycle management. The broad and deep visibility afforded by a powerful system leads to more efficient transportation planning and execution, which results in higher customer satisfaction. That, in turn, leads to more sales, helping businesses grow. With such a dynamic global trade environment that we live and transact in, it is important to have a system that will allow you to successfully navigate complicated processes around trade policies and compliance.

- **Who Uses a TMS?**

Transportation management systems are primarily used by businesses that need to ship, move, and receive goods on a regular basis, including:

- Manufacturers
- Distributors
- Ecommerce companies
- Retail businesses
- Companies that provide logistics services, such as third-party and fourth-party logistics (3PL and 4PL) companies and logistics service providers (LSPs)

- **The benefits of a TMS**

A TMS and modern transportation management in general provides many benefits to businesses. Some of the top benefits are:

- Reduced costs for the business and the end customer
- Simplification of supply chain processes across geographies, modes, and carriers
- Automation of business operations for faster and more accurate billing and documentation
- Improvement in visibility and security, especially in transit
- Time savings fewer manual steps result in fewer delays and faster delivery times
- The ability to track freight, both locally and globally, on a single platform
- Better import and export compliance minimizing penalties and shipment delays
- New business insights as better reporting leads to faster action and process improvement
- Improvements in customer service and customer satisfaction with real-time updates and fewer shipment delays
- The ability to scale the business by meeting and exceeding customer demands for fast, on-time shipments

- ❖ **The future of TMS**

Customer expectations keep rising, not only for on-time deliveries but for two-day and even same-day deliveries, with real-time updates provided throughout the shipment process. Ever-changing global trade regulations are also forcing supply chains to innovate to keep pace, often by investing in a transportation management system.

Transportation management systems must become more robust and feature-rich, providing faster responses to consumers and more detailed information to businesses. Machine learning enable TMSs to be more intelligent, providing better recommendations and more accurate predictions.

Companies can choose to integrate their transportation and global trade management systems with emerging technologies to further improve visibility and offer better customer service. Some of these innovative technologies that are currently available include:

- **IoT fleet monitoring**

Internet of things (IoT) devices and sensors make real-time fleet monitoring commonplace, including in-transit visibility of driving conditions, routes, and assets. Companies can lower their fuel and maintenance costs, as well as reduce delays and improve driver safety.

- **Digital assistants**

Digital assistants are often called chatbots, and offer immediate, conversational responses to shipment information, leading to higher customer satisfaction.

- **Adaptive intelligence and machine learning**

By applying machine learning to historical data and trends, transportation management systems are able to predict transit time more accurately, plan capacity, identify at-risk shipments (such as goods that are about to expire and time- or temperature-sensitive products), and much more. Enhanced artificial intelligence will also enable your TMS to provide more accurate and informed recommendations, such as alternate delivery routes during high traffic periods.

- **Blockchain**

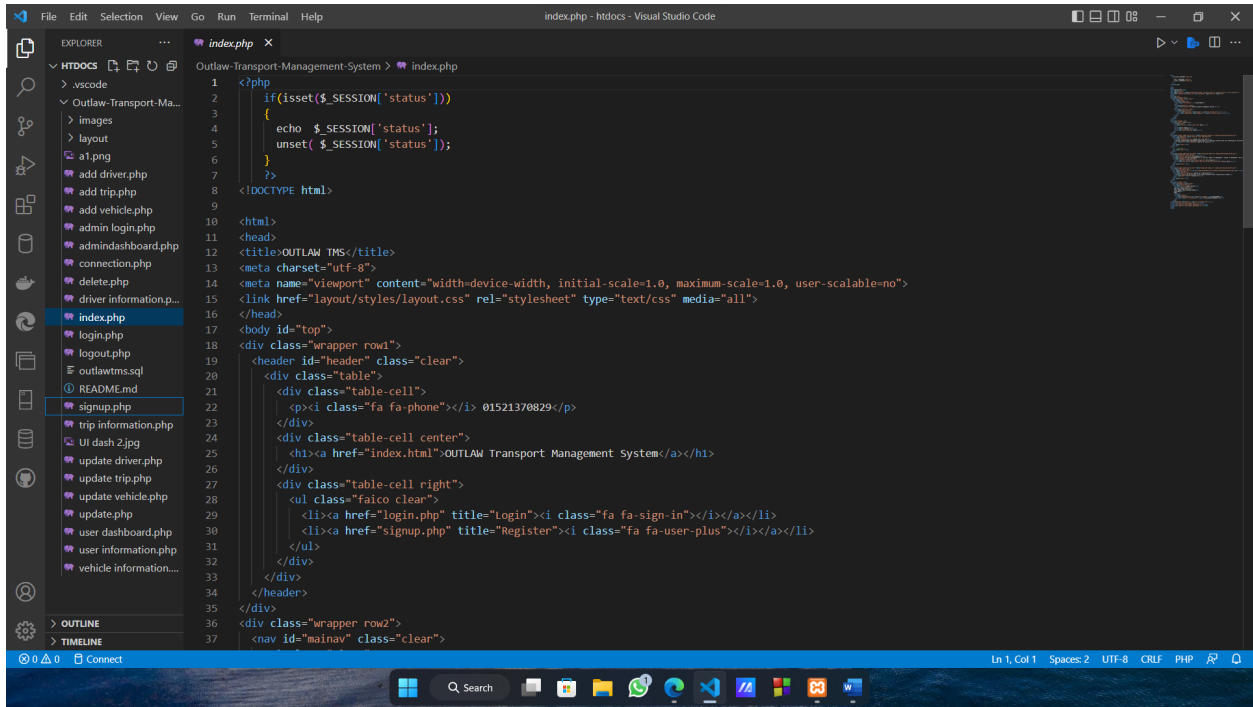
Blockchains are now being utilized to build complex integrations among shippers, customers, and carriers. Applications such as intelligent track and trace increase transparency and traceability across your supply chain, but still ensure accurate and secure information.

- **Cold chain management**

Another blockchain solution available in transportation management systems is cold chain management, which is useful when different temperatures need to be maintained at various checkpoints along the supply chain.

“Project Outcome”

❖ Source code of the base of project:

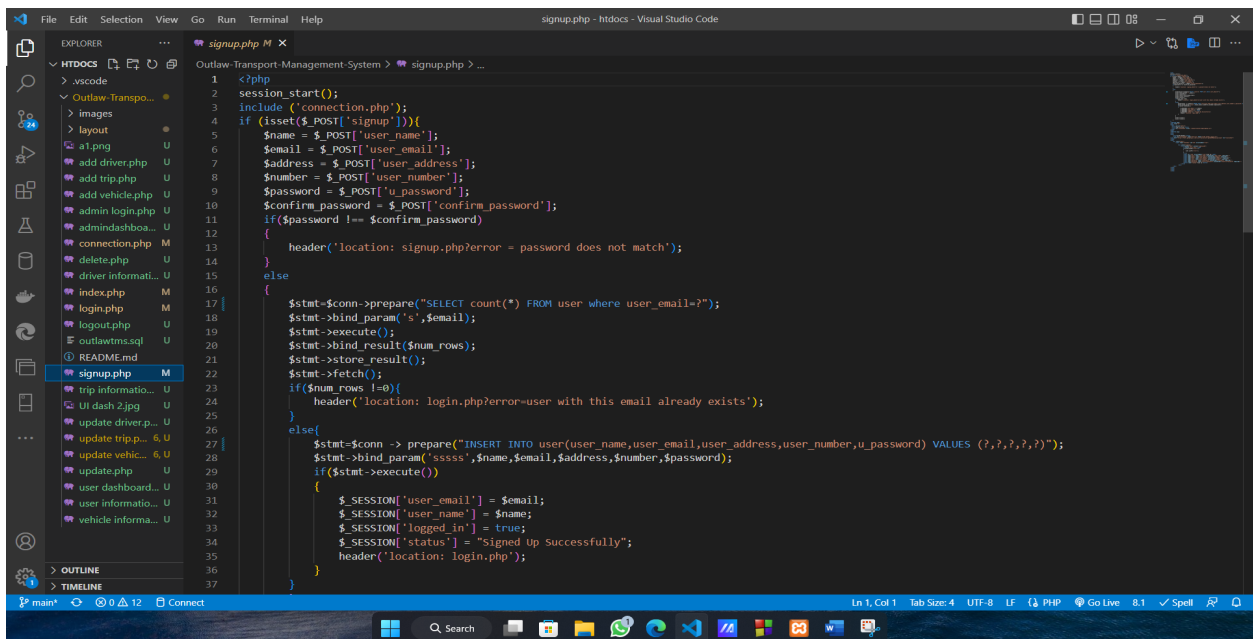


```

1 <?php
2 if(isset($_SESSION['status']))
3 {
4     echo $_SESSION['status'];
5     unset($_SESSION['status']);
6 }
7
8 <!DOCTYPE html>
9
10 <html>
11 <head>
12 <title>OUTLAW TMS</title>
13 <meta charset="utf-8">
14 <meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-scalable=no">
15 <link href="layout/styles/layout.css" rel="stylesheet" type="text/css" media="all">
16 </head>
17 <body id="top">
18 <div class="wrapper row1">
19 <header id="header" class="clear">
20 <div class="table">
21 <div class="table-cell">
22 <p><i class="fa fa-phone"></i> 01521370829</p>
23 </div>
24 <div class="table-cell center">
25 <h1><a href="index.html">OUTLAW Transport Management System</a></h1>
26 </div>
27 <div class="table-cell right">
28 <ul class="faico clear">
29 <li><a href="login.php" title="login"><i class="fa fa-sign-in"></i></a></li>
30 <li><a href="signup.php" title="Register"><i class="fa fa-user-plus"></i></a></li>
31 </ul>
32 </div>
33 </div>
34 </header>
35 </div>
36 <div class="wrapper row2">
37 <nav id="mainnav" class="clear">

```

❖ Registration Source Code:



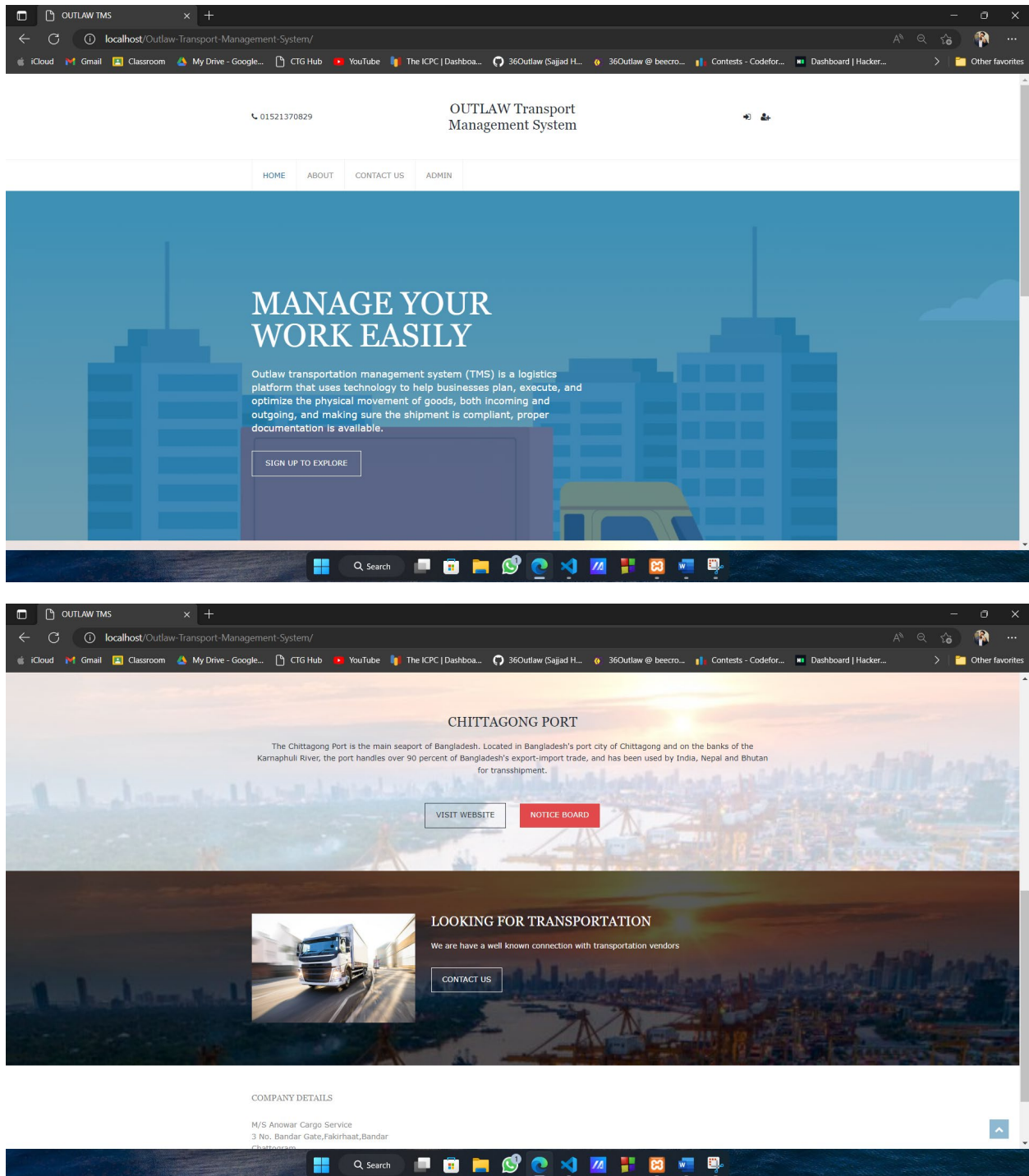
```

1 <?php
2 session_start();
3 include('connection.php');
4 if(isset($_POST['signup']))
5 {
6     $name = $_POST['user_name'];
7     $email = $_POST['user_email'];
8     $address = $_POST['user_address'];
9     $number = $_POST['user_number'];
10    $password = $_POST['u_password'];
11    $confirm_password = $_POST['confirm_password'];
12    if($password != $confirm_password)
13    {
14        header('location: signup.php?error = password does not match');
15    }
16    else
17    {
18        $stmt=$conn->prepare("SELECT count(*) FROM user where user_email=?");
19        $stmt->bind_param('s',$email);
20        $stmt->execute();
21        $stmt->store_result($num_rows);
22        $stmt->fetch();
23        if($num_rows !=0)
24        {
25            header('location: login.php?error-user with this email already exists');
26        }
27        else
28        {
29            $stmt=$conn->prepare("INSERT INTO user(user_name,user_email,user_address,user_number,u_password) VALUES (?,?,?,?,?)");
30            $stmt->bind_param('sssss',$name,$email,$address,$number,$password);
31            if($stmt->execute())
32            {
33                $_SESSION['user_email'] = $email;
34                $_SESSION['user_name'] = $name;
35                $_SESSION['logged_in'] = true;
36                $_SESSION['status'] = "Signed Up Successfully";
37                header('location: login.php');
38            }
39        }
40    }
41 }

```

“Output of the Project”

❖ Home page(INDEX.PHP)



❖ Login

The screenshot shows a web browser window with the address bar displaying `localhost/Outlaw-Transport-Management-System/login.php`. The browser's tab is titled "Login Form". The page has a dark blue background. In the center, there is a white rectangular login form. The form contains the following elements:

- A heading "Log In" in bold black text.
- A text input field labeled "User name".
- A text input field labeled "Password".
- A purple button labeled "log In".
- A purple button labeled "Sign Up".

The Windows taskbar is visible at the bottom of the screen, showing various application icons and a search bar.

❖ Admin Login

The screenshot shows a web browser window with the address bar displaying `localhost/Outlaw-Transport-Management-System/admin%20login.php`. The browser's tab is titled "Admin Panel". The page has a dark blue background. In the center, there is a white rectangular admin login form. The form contains the following elements:

- A heading "Admin Login" in bold black text.
- A text input field labeled "Admin name".
- A text input field labeled "Password".
- A purple button labeled "Log In".

The Windows taskbar is visible at the bottom of the screen, showing various application icons and a search bar.

❖ Registration / Signup

Sign up

User name

Email

Address

Number

Password

Confirm Password

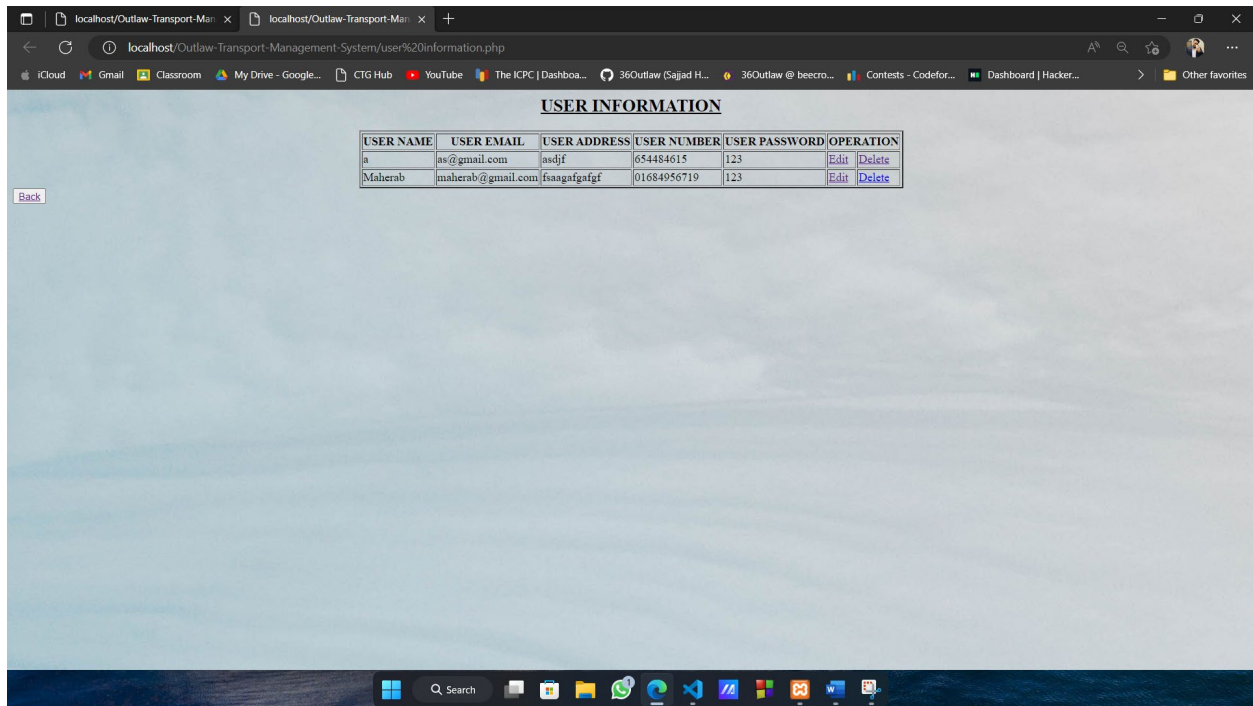
Sign up

❖ Admin Dashboard

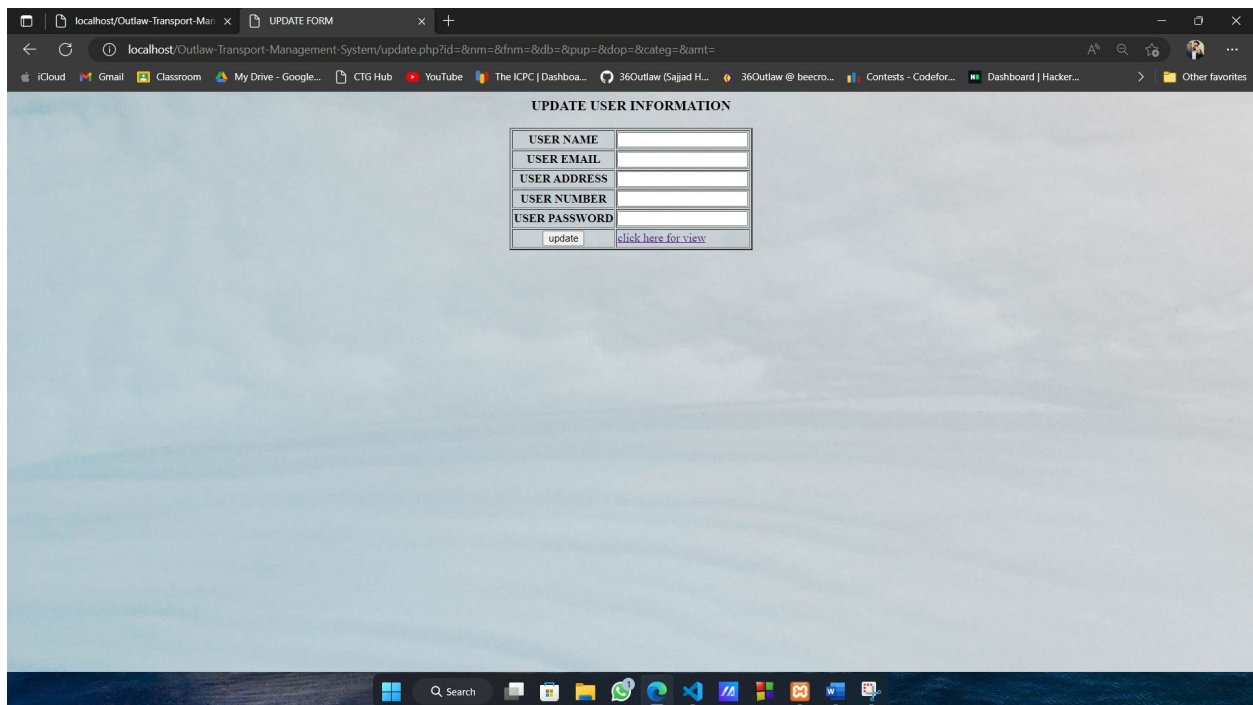
Welcome to Admin Panel

- ADD ACCOUNT
- VIEW ALL USER
- LOGOUT

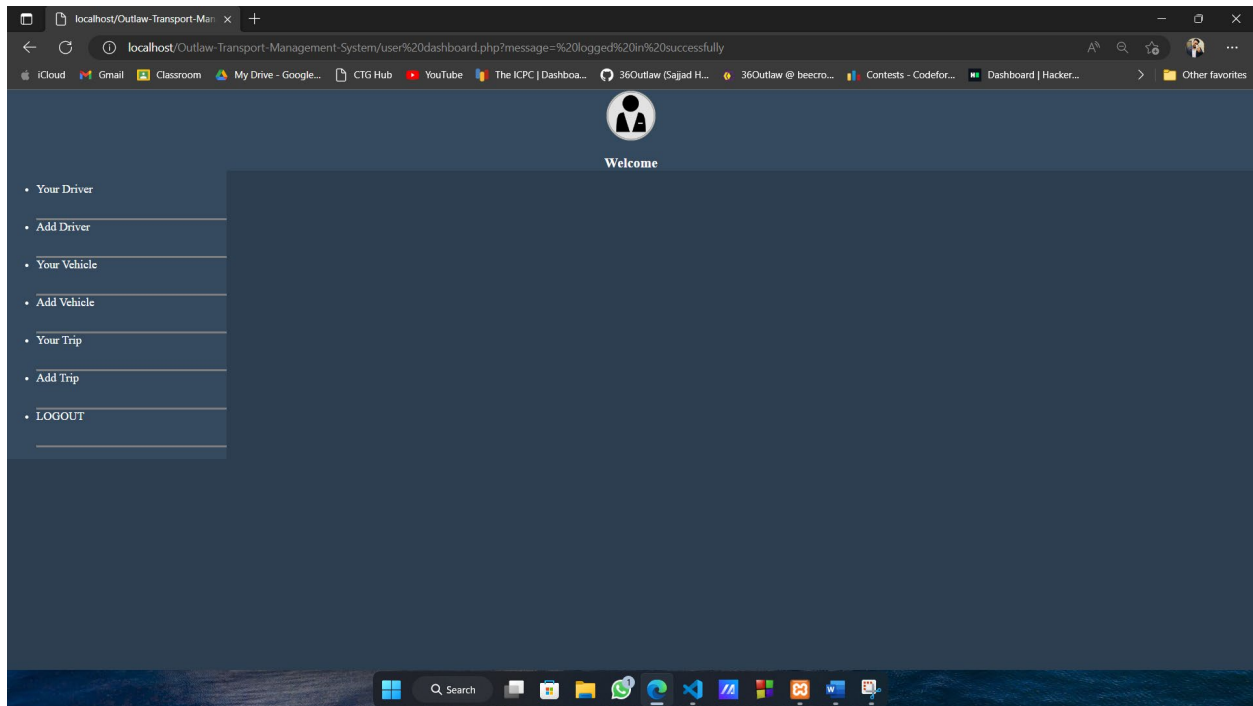
❖ Admin viewing all users:



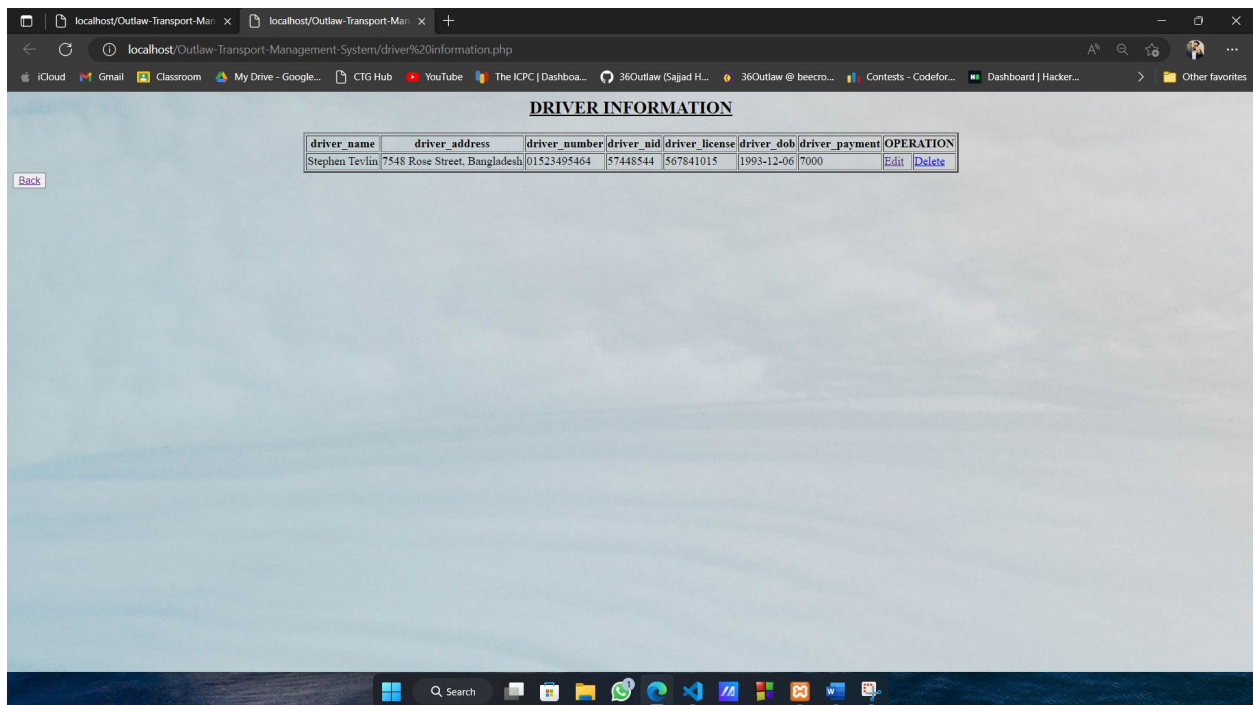
❖ Admin can update user information:



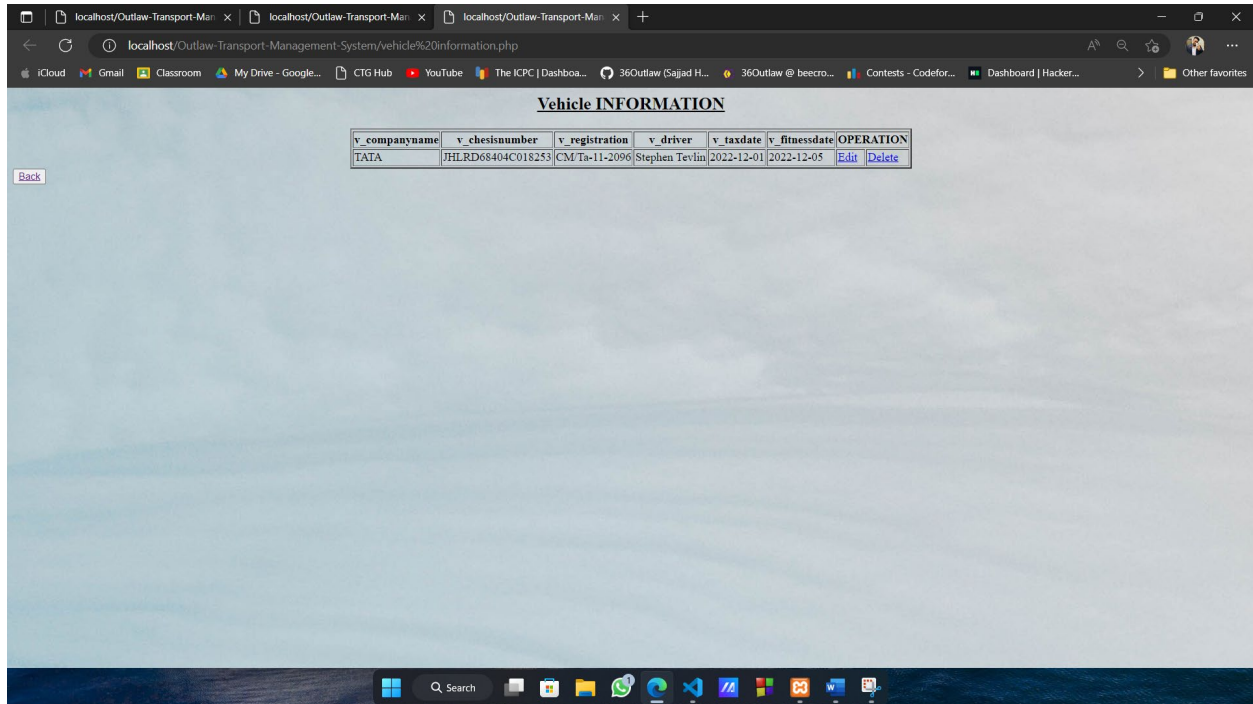
❖ User Dashboard:



❖ User Driver Information:



❖ User Vehicle Information:



v_companyname	v_chesinumber	v_registration	v_driver	v_taxdate	v_fitnessdate	OPERATION
TATA	JHLRD68404C018253	CM-Ta-11-2096	Stephen Tevlin	2022-12-01	2022-12-05	Edit Delete

❖ User Trip Information:

localhost/Outlaw-Transport-Management-System/trip%20information.php

Back

Trip INFORMATION

driver_name	trip_no	trip_from	trip_to	trip_payment	OPERATION
Stephen Tevlin	1	NCT	JY yard	15000	Edit Delete