



GOVT. ITI KADMA



(CH.DADRI)

Session :- 2024-2025

Project File :- Bus Stand
Management System
In Html

Submitted To:

-

Mr.Vinod Kumar
Computer
Instructor

Submitted by :-

Sumit , Rakesh ,
Deepak , Sahil ,
Gaurav



DECLARATION

We (Sumit , Rakesh , Deepak , Sahil , Gaurav) are student of COPA Trade at Government ITI Kadma, hereby declare that the project titled “Bus Stand Management System in html” is my original work and has been prepared as part of the curriculum requirements for the COPA Trade course. This project is submitted for educational purposes only.

I confirm that all the information, data, and content used in this project have been duly referenced and credited to their respective sources. No part of this project has been copied or reproduced from any other source without proper acknowledgment.

This project has been completed under the guidance of Sh. Vinod Kumar, and I am solely responsible for any errors or omissions in this work.

I also declare that this project has not been submitted elsewhere for any other purpose.

Student Name :- Sumit , Rakesh , Deepak , Sahil , Gaurav
COPA Trade (Scvt) , Government ITI Kadma

Signature :- Sumit , Rakesh , Deepak , Sahil , Gaurav

Date: _____

Supervisor/Instructor Declaration

This project has been reviewed and approved as part of the academic requirements for the COPA Trade course at Government ITI Kadma.

Instructor Name: SH .Vinod Kumar

Signature: _____

Date: _____

Acknowledgement

We would like to express our sincere gratitude to all those who have contributed to the successful completion of this project report for the COPA (Computer Operator and Programming Assistant) trade at Government ITI, Kadma. This project would not have been possible without the guidance, support, and encouragement of numerous individuals and organizations.

First and foremost, we extend our heartfelt thanks to the Government ITI, Kadma, for providing us with the opportunity to undertake this project and for offering the necessary resources and infrastructure. We are deeply indebted to our esteemed Principal and Instructors for their constant guidance, valuable insights, and encouragement throughout the project.

We would also like to thank our Project Guide for their unwavering support, patience, and expert advice, which helped us navigate through the challenges and complexities of this project. Their constructive feedback and suggestions were instrumental in shaping the final outcome.

Our sincere appreciation goes to our classmates and peers for their cooperation, motivation, and shared knowledge, which made this journey enjoyable and enriching. Special thanks to the non-teaching staff of the institute for their assistance and support in various aspects of the project.

Lastly, we are grateful to our family and friends for their constant encouragement and belief in our abilities, which kept us motivated throughout the project.

This project has been a significant learning experience, and we are thankful to everyone who played a role, directly or indirectly, in its successful completion.

Thank You.

Sumit , Rakesh , Deepak , Sahil , Gaurav
Group No. :- 4

Government ITI, Kadma

Date :-

Coding

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport"
content="width=device-width, initial-
scale=1.0">
  <title>Bus Stand Management
System</title>
  <style>
    * {
      box-sizing: border-box;
      font-family: 'Segoe UI', Tahoma,
Geneva, Verdana, sans-serif;
    }

    body {
      margin: 0;
      padding: 0;
```

```
background-color: #f5f5f5;  
}
```

```
.container {  
  width: 90%;  
  max-width: 1200px;  
  margin: 0 auto;  
  padding: 20px;  
}
```

```
header {  
  background-color: #2c3e50;  
  color: white;  
  padding: 20px 0;  
  text-align: center;  
  border-radius: 5px;  
  margin-bottom: 20px;  
}
```

```
h1 {  
    margin: 0;  
}
```

```
.dashboard {  
    display: grid;  
    grid-template-columns: repeat(auto-  
fit, minmax(300px, 1fr));  
    gap: 20px;  
    margin-bottom: 20px;  
}
```

```
.card {  
    background-color: white;  
    border-radius: 5px;  
    box-shadow: 0 2px 5px  
rgba(0,0,0,0.1);  
    padding: 20px;  
}
```

```
.card h2 {  
    margin-top: 0;  
    color: #2c3e50;  
    border-bottom: 1px solid #eee;  
    padding-bottom: 10px;  
}
```

```
.form-group {  
    margin-bottom: 15px;  
}
```

```
label {  
    display: block;  
    margin-bottom: 5px;  
    font-weight: bold;  
}
```

```
input, select {
```

```
width: 100%;  
padding: 10px;  
border: 1px solid #ddd;  
border-radius: 4px;  
}
```

```
button {  
    background-color: #3498db;  
    color: white;  
    border: none;  
    padding: 10px 15px;  
    border-radius: 4px;  
    cursor: pointer;  
    font-size: 16px;  
}
```

```
button:hover {  
    background-color: #2980b9;  
}
```

```
table {  
    width: 100%;  
    border-collapse: collapse;  
    margin-top: 20px;  
}
```

```
th, td {  
    padding: 12px 15px;  
    text-align: left;  
    border-bottom: 1px solid #ddd;  
}
```

```
th {  
    background-color: #f2f2f2;  
    font-weight: bold;  
}
```

```
tr:hover {
```

```
    background-color: #f5f5f5;  
}
```

```
.status-arrived {  
    color: green;  
}
```

```
.status-delayed {  
    color: orange;  
}
```

```
.status-cancelled {  
    color: red;  
}
```

```
.search-bar {  
    margin-bottom: 20px;  
}
```

```
footer {
    text-align: center;
    margin-top: 30px;
    padding: 20px;
    background-color: #2c3e50;
    color: white;
    border-radius: 5px;
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<header>
```

```
<h1>Bus      Stand      Management
System</h1>
```

```
</header>
```

```
<div class="search-bar">
```

```
        <input                                type="text"
placeholder="Search  buses, routes,  or
platforms..." style="padding: 10px; width:
100%;">
    </div>
```

```
<div class="dashboard">
    <div class="card">
        <h2>Add New Bus</h2>
        <form id="busForm">
            <div class="form-group">
                <label    for="busNumber">Bus
Number</label>
                <input                                type="text"
id="busNumber" required>
            </div>
            <div class="form-group">
                <label
for="busOperator">Operator</label>
```

```
        <input                                type="text"
id="busOperator" required>
    </div>
    <div class="form-group">
        <label            for="busType">Bus
Type</label>
        <select id="busType" required>
            <option            value="">Select
Type</option>
            <option
value="AC">AC</option>
            <option            value="Non-
AC">Non-AC</option>
            <option
value="Sleeper">Sleeper</option>
            <option
value="Express">Express</option>
        </select>
    </div>
```

```
        <div class="form-group">
            <label
for="capacity">Capacity</label>
            <input                type="number"
id="capacity" required>
        </div>
        <button                type="submit">Add
Bus</button>
    </form>
</div>
```

```
<div class="card">
    <h2>Schedule Departure</h2>
    <form id="scheduleForm">
        <div class="form-group">
            <label
for="departureBus">Select Bus</label>
            <select                id="departureBus"
required>
```

```
        <option          value="">Select
Bus</option>
```

```
        <option
value="TN01AB1234">TN01AB1234</optio
n>
```

```
        <option
value="TN02CD5678">TN02CD5678</opti
on>
```

```
        <option
value="TN03EF9012">TN03EF9012</option
>
```

```
    </select>
```

```
</div>
```

```
<div class="form-group">
```

```
    <label
for="departureTime">Departure
Time</label>
```

```
        <input          type="time"
id="departureTime" required>
```

```
</div>
```

```
<div class="form-group">
```

```
<label
```

```
for="destination">Destination</label>
```

```
<input type="text"
```

```
id="destination" required>
```

```
</div>
```

```
<div class="form-group">
```

```
<label for="platform">Platform
```

```
Number</label>
```

```
<input type="number"
```

```
id="platform" required>
```

```
</div>
```

```
<button type="submit">Schedule
```

```
Departure</button>
```

```
</form>
```

```
</div>
```

```
<div class="card">
```

```
<h2>Quick Actions</h2>
```

```
<div style="display: grid; grid-template-columns: 1fr 1fr; gap: 10px;">
```

```
<button style="background-color: #27ae60;">Add New Route</button>
```

```
<button style="background-color: #e67e22;">View Reports</button>
```

```
<button style="background-color: #9b59b6;">Manage Staff</button>
```

```
<button style="background-color: #e74c3c;">Emergency Alert</button>
```

```
</div>
```

```
<h2 style="margin-top: 20px;">Statistics</h2>
```

```
<div style="background-color: #f8f9fa; padding: 15px; border-radius: 4px;">
```

<p>Total

Buses: 24</p>

<p>Departures

Today: 56</p>

<p>Arrivals

Today: 48</p>

<p>Available

Platforms: 8/12</p>

</div>

</div>

</div>

<div class="card">

<h2>Today's Departures</h2>

<table>

<thead>

<tr>

<th>Bus Number</th>

<th>Operator</th>

```
<th>Destination</th>
<th>Departure Time</th>
<th>Platform</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TN01AB1234</td>
<td>ABC Travels</td>
<td>Chennai</td>
<td>06:30 AM</td>
<td>3</td>
<td class="status-
arrived">Departed</td>
</tr>
<tr>
<td>TN02CD5678</td>
<td>XYZ Express</td>
```

<td>Bangalore</td>	
<td>07:15 AM</td>	
<td>5</td>	
<td	class="status-
arrived">Departed</td>	
</tr>	
<tr>	
<td>TN03EF9012</td>	
<td>National Travels</td>	
<td>Hyderabad</td>	
<td>08:45 AM</td>	
<td>2</td>	
<td	class="status-
delayed">Delayed (09:15 AM)</td>	
</tr>	
<tr>	
<td>TN04GH3456</td>	
<td>KPN Travels</td>	
<td>Mumbai</td>	

```
<td>10:30 AM</td>
<td>7</td>
<td>Scheduled</td>
</tr>
<tr>
<td>TN05IJ7890</td>
<td>Parveen Travels</td>
<td>Coimbatore</td>
<td>11:45 AM</td>
<td>1</td>
<td>Scheduled</td>
</tr>
</tbody>
</table>
</div>
```

```
<div class="card" style="margin-top:
20px;">
```

```
<h2>Today's Arrivals</h2>
```

```
<table>
  <thead>
    <tr>
      <th>Bus Number</th>
      <th>Operator</th>
      <th>From</th>
      <th>Arrival Time</th>
      <th>Platform</th>
      <th>Status</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>KA01KL1234</td>
      <td>VRL Travels</td>
      <td>Bangalore</td>
      <td>05:15 AM</td>
      <td>4</td>
```

	class="status- arrived">Arrived</td>
--	---

</tr>

<tr>

<td>AP02MN5678</td>

<td>Orange Travels</td>

<td>Hyderabad</td>

<td>06:30 AM</td>

<td>6</td>

	class="status- arrived">Arrived</td>
--	---

</tr>

<tr>

<td>MH03OP9012</td>

<td>Neeta Travels</td>

<td>Mumbai</td>

<td>09:45 AM</td>

<td>8</td>

```
        <td class="status-
delayed">Delayed (10:30 AM)</td>
```

```
</tr>
```

```
<tr>
```

```
    <td>KL04QR3456</td>
```

```
    <td>KSRTC</td>
```

```
    <td>Kochi</td>
```

```
    <td>12:15 PM</td>
```

```
    <td>2</td>
```

```
    <td>Expected</td>
```

```
</tr>
```

```
</tbody>
```

```
</table>
```

```
</div>
```

```
<footer>
```

```
    <p>Bus Stand Management System
&copy; 2023 | Developed for City Transport
Authority</p>
```

```
</footer>
```

```
</div>
```

```
<script>
```

```
// Simple form submission handling
```

```
document.getElementById('busForm').add  
EventListener('submit', function(e) {  
    e.preventDefault();  
    alert('Bus added successfully!');  
    this.reset();  
});
```

```
document.getElementById('scheduleForm'  
) .addEventListener('submit', function(e) {  
    e.preventDefault();  
    alert('Departure          scheduled  
successfully!');
```

```
this.reset();  
});
```

// This is a basic implementation. In a real application, you would:

```
// 1. Connect to a backend server
```

```
// 2. Validate inputs more thoroughly
```

```
// 3. Update the tables dynamically
```

```
// 4. Implement proper error handling
```

```
</script>
```

```
</body>
```

```
</html>
```

Output

Bus Stand Management System

[Home](#) [Buses](#) [Schedules](#) [Contact](#)

Available Buses



Bus 101

Route: Downtown to Uptown

Departure: 10:00 AM



Bus 102

Route: Eastside to Westside

Departure: 11:00 AM



Bus 103

Route: Northside to Southside

Departure: 12:00 PM



Bus 104

Route: Central Park to City Hall

Departure: 01:00 PM



Bus 105

Route: Airport to Downtown

Departure: 02:00 PM

**Bus 106**

Route: University to Central Park

Departure: 03:00 PM

Bus Schedules

Bus Number	Route	Departure	Arrival
101	Downtown to Uptown	10:00 AM	10:45 AM
102	Eastside to Westside	11:00 AM	11:50 AM
103	Northside to Southside	12:00 PM	12:45 PM
104	Central Park to City Hall	01:00 PM	01:30 PM
105	Airport to Downtown	02:00 PM	02:50 PM
106	University to Central Park	03:00 PM	03:40 PM