

**American International University- Bangladesh**

**CSC 3215: Web Technologies**

**CO2 and CO4 Evaluation**

**Finished Project Report**

**Spring/Summer/Fall 2020-2021**

**Project Title: Digital Train Ticketing System**

**Section: F**

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| --- | --- |
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**Digital Train Ticketing System**

**Project Description:**

Digitalization is need of this era, in this world of technologies, almost all manual system has switched to the computerized and automated system. Therefore, in this fast world, people want all work is to be done within minutes with help of digitalization and the usage of smartphones it is all possible. There is a need to develop a fast and correct system for Railway Ticket Checking to model the present system and to remove the drawbacks of the present system.

  In train ticketing systems there has been a collection of trains, the agent who are booking tickets for customer's journey which give train ticket number and departure time of the train. Rail transport is a means of conveyance of passengers and goods on wheeled vehicles running on rails, also known as tracks. It is also commonly referred to as train transport. According to its name, it manages the details of all agents, tickets, rental details, and timing details, and so on. The main objective of this project is to provide better work efficiency, security, accuracy, reliability, feasibility. The railway network is a very vast system to be handled manually and its computerization will prove to be of great help to both the employees and the passengers. The customer and the admin are the two parties that are allowed to have access to the database of the system and have different view level schemas to the database information. Register as a customer by providing certain personal details. View post-booking and can even do cancellation of the booked ticket. See train between a pair of stations, check seat availability in trains, and get the fare details. When a user gets into our system, the index page is for user login. The page is mainly for user information validation, if the user gets into other web pages of our system, he will also be redirected to the user login pages. There is an entry for user registration if it is the first time that uses our system. The principle is registration first then login to use.

Trains Information

Number of tickets checked

Calculating number of seats are available or vacant

Sending massage to the passengers

Database  
updating

Manager or Station Master have all the documents about the passengers or transports

Common features for admin, users and register

Passenger available

Sending message to the next passenger

Allocate the registered seat

Yes No

**Digital Train Ticketing System**

**Project Folder Structure:**

Trains and Tickets Information

Search Any Information

Passenger Information

**Digital Train Ticketing System**

**Core Modules of the Project:**

*Here, we add THREE of our CORE modules’ source code with appropriate filename as heading.*

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Login.Php

<script>

function validateform() {

var username = document.getElementById("username").value;

var password=document.getElementById("password").value;

if (username==null || username==""){

alert("username can't be blank");

return false;

} else if(password.length<6){

alert("Password must be at least 6 characters long.");

return false;

}

}

</script>

<div id="contact-title">

<h1>Login Form</h1>

</div>

<div id="contact-form">

<form name="login" method="post" action="login.php" onsubmit="return validateform ()" >

User Name: <input type="text" id="username" name="username"><br/>

Password: <input type="password" id="password" name="password"><br/>

<input type="submit" value="Login">

</form>

Updateprofile.php

<divclass="container">

<formaction="/action\_page.php">

<divclass="row">

<divclass="col-25">

<labelfor="fname">First Name</label>

</div>

<divclass="col-75">

<inputtype="text"id="fname"name="firstname"placeholder="Your first name..">

</div>

</div>

<divclass="row">

<divclass="col-25">

<labelfor="lname">Last Name</label>

</div>

<divclass="col-75">

<inputtype="text"id="lname"name="lastname"placeholder="Your last name..">

</div>

</div>

<divclass="row">

<divclass="col-25">

**Digital Train Ticketing System**

<labelfor="mobile">Mobile</label>

</div>

<divclass="col-75">

<inputtype="text"id="mobile"name="mobile"placeholder="Your mobile number..">

</div>

</div>

<divclass="row">

<divclass="col-25">

<labelfor="email">Email</label>

</div>

<divclass="col-75">

<inputtype="text"id="email"name="email"placeholder="Your email address..">

</div>

</div>

<divclass="row">

<divclass="col-25">

<labelfor="district">District</label>

</div>

<divclass="col-75">

<selectid="district"name="district">

<optionvalue="Dhaka">Dhaka</option>

<optionvalue="Chittagong">Chittagong</option>

<optionvalue="Noakhali">Noakhali</option>

</select>

</div>

</div>

Registration.Php

</script>

<link rel="stylesheet" type="text/css" href="../css/registra.css">

</head>

<body>

<div id="header">

<h1>Digital Train Ticketing System</h1>

</div>

<div id="topnav">

<a href="home.php">Home</a>

<a href="login.php">Login</a>

**Digital Train Ticketing System**

<a href="logout.php">Logout</a>

</div>

</div>

<div id="contact-title">

<h1>Registration Form</h1>

</div>

<div id="contact-form">

<form name="registration" method="post" action="registration.php" onsubmit="return validateform()" >

Name: <input type="text" id="name" name="name"><br/>

Username: <input type="text" id="username" name="username"><br/>

Password: <input type="password" id="password" name="password"><br/>

Confirm Password: <input type="password" id="confirmpassword" name="confirmpassword"><br/>

E-mail: <input type="email" id="email" name="email"><br/>

<input type="submit" value="register">

</fieldset>

</form>

</td>

</tr>

</form>

</div>

<div id="foot">

<a href="">copyright @ 2021</a>

</div>

</body>

</html>