WRC078BEI040

Assignment: 4th

Report on Running an Attendance Viewer Website Using GitHub

* In this report, we'll outline the steps necessary to set up and run an Attendance Viewer website using GitHub. This process involves setting up a repository on GitHub, creating a static website using HTML/CSS/JavaScript, and deploying the website using GitHub Pages.

Steps to Create and Deploy an Attendance Viewer Website on GitHub

1. Create a GitHub Repository

* Sign in to GitHub.
* Click + and select "New repository."
* Name it attendance-viewer and click "Create repository."

1. Clone the Repository

* Open terminal or command prompt.

sh

git clone https://github.com/your-username/attendance-viewer.git

cd attendance-viewer

1. Create Website Files

* index.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Attendance Viewer</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<h1>Attendance Viewer</h1>

<table id="attendance-table">

<thead>

<tr>

<th>Name</th>

<th>Date</th>

<th>Status</th>

</tr>

</thead>

<tbody></tbody>

</table>

<script src="script.js"></script>

</body>

</html>

* styles.css

body {

font-family: Arial, sans-serif;

text-align: center;

}

table {

width: 80%;

margin: 20px auto;

border-collapse: collapse;

}

th, td {

padding: 10px;

border: 1px solid #ddd;

}

th {

background-color: #f4f4f4;

}

* script.js

document.addEventListener('DOMContentLoaded', () => {

const attendanceTableBody = document.querySelector('#attendance-table tbody');

const attendanceData = [

{ name: 'John Doe', date: '2024-07-01', status: 'Present' },

{ name: 'Jane Smith', date: '2024-07-01', status: 'Absent' },

];

attendanceData.forEach(record => {

const row = attendanceTableBody.insertRow();

row.insertCell(0).textContent = record.name;

row.insertCell(1).textContent = record.date;

row.insertCell(2).textContent = record.status;

});

});

1. Commit and Push to GitHub

* Add and commit your files:

git add .

git commit -m "Initial commit"

git push origin main

1. Deploy with GitHub Pages

* Go to the repository on GitHub.
* Click "Settings" > "Pages" > "Source," and select main branch.
* Click "Save" and access the website at https://your-username.github.io/attendance-viewer.

Your Attendance Viewer website is now live!