|  |  |
| --- | --- |
| JSON | XML |
| * It is  Java Script Object Notation * It is based on JavaScript language. * It is a way of representing objects. * It does not provides any support for namespaces. * It supports array. * Its files are very easy to read as compared to XML. * It doesn’t use end tag. * It is less secured. * It doesn’t supports comments. | * It is Extensible markup language * It is derived from SGML * It is a markup language and uses tag structure to represent data items. * It supports namespaces * It doesn’t supports array. * Its documents are comparatively difficult to read and interpret. * It has start and end tags. * It is more secured than JSON. * It is more secured than JSON. |

**2.List all Users,Update user and Delete user(Popup for confirmation eg:Are you sure do you want to delete)**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>User Management</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #f4f4f4;

margin: 0;

padding: 20px;

}

table {

width: 100%;

border-collapse: collapse;

margin-bottom: 20px;

}

table, th, td {

border: 1px solid #ddd;

padding: 8px;

text-align: left;

}

th {

background-color: #f2f2f2;

}

button {

padding: 8px 12px;

border: none;

border-radius: 4px;

cursor: pointer;

}

.delete-btn {

background-color: #ff6347;

color: white;

}

.delete-btn:hover {

background-color: #d43f1d;

}

.confirm-delete {

display: none;

position: absolute;

top: 50%;

left: 50%;

transform: translate(-50%, -50%);

background-color: white;

padding: 20px;

border: 1px solid #ccc;

border-radius: 5px;

box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);

z-index: 999;

}

.confirm-delete p {

margin: 0 0 10px;

}

.btn-container {

text-align: center;

}

</style>

</head>

<body>

<h2>List of Users</h2>

<table>

<thead>

<tr>

<th>ID</th>

<th>Name</th>

<th>Email</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>John Doe</td>

<td>john@example.com</td>

<td>

<button onclick="updateUser(1)">Update</button>

<button onclick="confirmDelete(1)" class="delete-btn">Delete</button>

</td>

</tr>

<!-- More rows for other users -->

</tbody>

</table>

<div id="confirm-delete" class="confirm-delete">

<p>Are you sure you want to delete this user?</p>

<button onclick="deleteUser()" id="delete-btn" class="delete-btn">Delete</button>

<button onclick="cancelDelete()" id="cancel-btn">Cancel</button>

</div>

<script>

let userIdToDelete;

function confirmDelete(userId) {

userIdToDelete = userId;

document.getElementById('confirm-delete').style.display = 'block';

}

function cancelDelete() {

document.getElementById('confirm-delete').style.display = 'none';

}

function deleteUser() {

// Send request to server to delete user with userIdToDelete

console.log('Deleting user with ID:', userIdToDelete);

// After deletion, hide confirmation dialog

document.getElementById('confirm-delete').style.display = 'none';

}

function updateUser(userId) {

// Redirect or show update form for the selected user

console.log('Updating user with ID:', userId);

}

</script>

</body>

</HTML>

**3.Login page using html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Login Page</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #f4f4f4;

margin: 0;

padding: 0;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

}

form {

background-color: #ffffff;

padding: 20px;

border-radius: 8px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

input[type="text"],

input[type="password"],

input[type="submit"] {

width: 100%;

padding: 10px;

margin: 5px 0;

box-sizing: border-box;

border: 1px solid #ccc;

border-radius: 5px;

}

input[type="submit"] {

background-color: #4CAF50;

color: white;

cursor: pointer;

}

input[type="submit"]:hover {

background-color: #45a049;

}

</style>

</head>

<body>

<form action="login.php" method="post">

<h2>Login</h2>

<label for="username">Username:</label>

<input type="text" id="username" name="username" required>

<label for="password">Password:</label>

<input type="password" id="password" name="password" required>

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

</form>

</body>

</html>

**4.Create 3 xml files for dept,year,student** XML Files:

1. CSE(AIML).xml:

xml

<Departments>

<Department>

<ID>1</ID>

<name>Computer Science</Name>

<Head>Dr.K rameshwariah</Head>

</Department>

<Department>

<ID>2</ID>

<Name>CSE</Name>

<Head>Dr.A.Nikhitha</Head>

</Department>

</Departments>

2. Year.xml:

xml

<Years>

<Year>

<ID>1st</ID>

<Name>humanities and sciences</Name>

</Year>

<Year>

<ID>2nd</ID>

<Name>2nd years</Name>

</Year>

<Year>

<ID>3rd</ID>

<Name>3rd years</Name>

</Year>

<Year>

<ID>4th</ID>

<Name>final years</Name>

</Year>

</Years>

3. Student.xml:

xml

<Students>

<Student>

<ID>521</ID>

<Name>deepikaName>

<DepartmentID>1A</DepartmentID>

<YearID>3</YearID>

<GPA>9.8</GPA>

</Student>

<Student>

<ID>1000</ID>

<Name>deepthi</Name>

<DepartmentID>2</DepartmentID>

<YearID>3</YearID>

<GPA>8.8</GPA>

</Student>

</Students>

### JSON Files:

1. Department.json:

json

{

"Departments": [

{

"ID": "1",

"Name": "Computer Science",

"Head": "Dr.k.rameshwariah"

},

{

"ID": "2",

"Name": "CSE",

"Head": "deepika"

}

]

}

2. Year.json:

json

{

"Years": [

{

"ID": 1,

"Name": "humanities and sciences"

},

{

"ID": 2,

"Name": "2nd years"

},

{

"ID": 3,

"Name": "3rd years"

},

{

"ID": 4,

"Name": "final years"

}

]

}

3. Student.json:

json

{

"Students": [

{

"ID": 5E1,

"Name": "deepika",

"DepartmentID": "1"

"YearID": 3,

"GPA": 9.5

},

{

"ID": 5E0,

"Name": "deepthi",

"DepartmentID": "2",

"YearID": 2,

"GPA": 8.8

}

]

}

**5.create a file with depertment as root,year as subroot and student as an element**

<Departments>

<Department>

<ID>1</ID>

<Name>Computer Science</Name>

<Head>Dr. K rameshwariah</Head>

<Year>

<ID>33</ID>

<Name>3rd years</Name>

<Students>

<Student>

<ID>5E1</ID>

<Name>deepika</Name>

<GPA>9.8</GPA>

</Student>

<Student>

<ID>5E1</ID>

<Name>deepthi</Name>

<GPA>.8</GPA>

</Student>

</Students>

</Year>

</Department>

<Department>

<ID>2A</ID>

<Name>CSE</Name>

<Head>kanni</Head>

<Year>

<ID>3</ID>

<Name>3rd years</Name>

<Students>

<Student>

<ID>5E1</ID>

<Name>bagareddy</Name>

<GPA>.8</GPA>

</Student>

</Students>

</Year>

</Department>

</Departments>

**6.USER CREATION SCREEN USING(LIST,RADIO BUTTON,DROPDOWN,CHECK BOX)**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>User Creation Screen</title>

<style>

body {

font-family: Arial, sans-serif;

background-color: #f4f4f4;

margin: 0;

padding: 20px;

}

form {

background-color: #ffffff;

padding: 20px;

border-radius: 8px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

input[type="text"],

input[type="email"],

select,

textarea {

width: 100%;

padding: 10px;

margin: 5px 0;

box-sizing: border-box;

border: 1px solid #ccc;

border-radius: 5px;

}

input[type="radio"],

input[type="checkbox"] {

margin-right: 5px;

}

input[type="submit"] {

background-color: #4CAF50;

color: white;

cursor: pointer;

padding: 10px 20px;

border: none;

border-radius: 5px;

}

input[type="submit"]:hover {

background-color: #45a049;

}

</style>

</head>

<body>

<form action="create\_user.php" method="post">

<h2>User Creation</h2>

<label for="username">Username:</label>

<input type="text" id="username" name="username" required>

<label for="email">Email:</label>

<input type="email" id="email" name="email" required>

<label for="gender">Gender:</label>

<input type="radio" id="male" name="gender" value="male" checked>

<label for="male">Male</label>

<input type="radio" id="female" name="gender" value="female">

<label for="female">Female</label>

<br>

<label for="country">Country:</label>

<select id="country" name="country">

<option value="usa">USA</option>

<option value="canada">Canada</option>

<option value="uk">UK</option>

<option value="australia">Australia</option>

</select>

<label for="interests">Interests:</label>

<input type="checkbox" id="sports" name="interests" value="sports">

<label for="sports">Sports</label>

<input type="checkbox" id="music" name="interests" value="music">

<label for="music">Music</label>

<input type="checkbox" id="movies" name="interests" value="movies">

<label for="movies">Movies</label>

<br>

<label for="bio">Bio:</label>

<textarea id="bio" name="bio" rows="4"></textarea>

<input type="submit" value="Create User">

</form>

</body>

</html>

**7.Create a HTML page with Google Map**

////we have to add our own API key from google api keys

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Google Map</title>

<style>

#map {

height: 400px;

width: 100%;

}

</style>

</head>

<body>

<h2>My Location</h2>

<div id="map"></div>

<script>

function initMap() {

// Location coordinates

var myLatLng = {lat: 37.7749, lng: -122.4194};

// Create a map object and specify the DOM element for display.

var map = new google.maps.Map(document.getElementById('map'), {

center: myLatLng,

zoom: 12 // Zoom level (0 = earth view, 20 = very close)

});

// Create a marker and set its position.

var marker = new google.maps.Marker({

map: map,

position: myLatLng,

title: 'My Location'

});

}

</script>

<!-- Load the Google Maps JavaScript API with the provided placeholder API key -->

<script async defer

src="https://maps.googleapis.com/maps/api/js?key=YOUR\_API\_KEY&callback=initMap">

</script>

</body>

</html>

**8.Create a HTML page with Video file**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Video Player</title>

</head>

<body>

<h2>My Video</h2>

<!-- Replace the src attribute with your YouTube video's embed URL -->

<iframe width="600" height="337" src="https://www.youtube.com/embed/-oOoTIuoL8M" frameborder="0" allowfullscreen></iframe>

</body>

</html>

**9.Create a HTML page to upload a file**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>File Upload</title>

</head>

<body>

<h2>Upload a File</h2>

<form action="#" method="post" enctype="multipart/form-data" id="uploadForm">

<input type="file" name="fileToUpload" id="fileToUpload">

<button type="submit">Upload</button>

</form>

<div id="uploadResult"></div>

<script>

document.getElementById('uploadForm').addEventListener('submit', function(event) {

event.preventDefault();

var fileInput = document.getElementById('fileToUpload');

var file = fileInput.files[0];

var formData = new FormData();

formData.append('file', file);

// You can use AJAX to send the file to the server

// Here's just a simple example showing the file name

var uploadResult = document.getElementById('uploadResult');

uploadResult.innerHTML = 'File uploaded: ' + file.name;

});

</script>

</body>

</html>

**10.Create a HTML page with Audio file**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Audio Player</title>

</head>

<body>

<h2>My Audio</h2>

<audio controls>

<!-- Replace the src attribute with the URL of your audio file -->

<source src="**your\_audio\_file.mp3**" type="audio/mpeg">

Your browser does not support the audio element.

</audio>

</body>

</html>

Top of Form