

1)Dashboard and form

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Dashboard and Form</title>

  <!-- Bootstrap 5 CSS -->

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">

  <!-- Chart.js -->

  <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>

  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>

<style>

  .main {

    display: flex;

    flex-direction: row;

  }

  .main>div {

    width: fit-content;

  }

  .sidebar {

    height: 100%;

    background-color: #343a40;

    color: #ffffff;

    position: absolute;

    width: 15%;
```

```

}

.sidebar a {
  color: #ffffff;
  text-decoration: none;
  padding: 10px 15px;
  display: block;
}

.sidebar a:hover {
  background-color: #495057;
}

.content {
  padding: 20px;
}
</style>
</head>
<body>
  <div class="main">
    <!-- Sidebar -->
    <div>
      <nav class="sidebar" id="sidebarMenu">
        <h4 class="text-center">Menu</h4>
        <a href="#" onclick="showPage('dashboard')">Dashboard</a>
        <a href="#" onclick="showPage('form')">Form</a>
      </nav>
    </div>
    <!-- Main Content -->
    <div class="container">
      <!-- Dashboard Page -->
      <div id="dashboard" class="page">
        <h2>Dashboard</h2>
        <div class="row">

```

```
<div class="col-md-4 mb-3">

  <div class="card text-white bg-primary">

    <div class="card-body">

      <h5 class="card-title">Data Point 1</h5>

      <p class="card-text">$200 M</p>

    </div>

  </div>

</div>

<div class="col-md-4 mb-3">

  <div class="card text-white bg-success">

    <div class="card-body">

      <h5 class="card-title">Data Point 2</h5>

      <p class="card-text">34,100</p>

    </div>

  </div>

</div>

<div class="col-md-4 mb-3">

  <div class="card text-white bg-warning">

    <div class="card-body">

      <h5 class="card-title">Data Point 3</h5>

      <p class="card-text">56.7%</p>

    </div>

  </div>

</div>

<div class="row"><canvas id="chart"></canvas></div>
```

```
</div>
```

```
<!-- Form Page -->
```

```
<div id="form" class="page d-none">
```

```

<h2>Form</h2>

<form>

  <div class="mb-3">

    <label for="name" class="form-label">Name</label>

    <input type="text" class="form-control" id="name" placeholder="Enter your name">

  </div>

  <div class="mb-3">

    <label for="email" class="form-label">Email</label>

    <input type="email" class="form-control" id="email" placeholder="Enter your email">

  </div>

  <div class="mb-3">

    <label for="message" class="form-label">Message</label>

    <textarea class="form-control" id="message" rows="4" placeholder="Enter your
message"></textarea>

  </div>

  <button type="submit" class="btn btn-primary">Submit</button>

</form>

</div>

</div>

</div>

<!-- Bootstrap 5 JS -->

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>

<script>

  // Navigation between pages

  function showPage(pageId) {

    document.querySelectorAll('.page').forEach(page => page.classList.add('d-none'));

    document.getElementById(pageId).classList.remove('d-none');

  }

  // Initialize Chart.js

  const ctx = document.getElementById('chart')

```

```

const data = {
  labels: ['Team 1', 'Team 2', 'Team 3', 'Team 4'],
  datasets: [{
    label: 'Period 1',
    data: [95, 25, 35, 65],
    fill: false,
    borderColor: 'rgb(200, 47, 47)',
  },
  {
    label: 'Period 2',
    data: [25, 35, 15, 37],
    fill: false,
    borderColor: 'rgb(2, 44, 97)',
  }]
};

```

```

const chart = new Chart(ctx, {
  type: 'line',
  data: data,
  options: {
    responsive: true,
    maintainAspectRatio: false,
    scale: {
      x: {
        ticks: {
          callback: function(value, index, values) {
            return this.getLabelForValue(value);
          },
          maxRotation: 45,

```

```

        minRotation: 45
    }
}
}
}
});
</script>
</body>
</html>

```

2)Index

```

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Dashboard and Form</title>
    <!-- Bootstrap 5 CSS -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
    <!-- Chart.js -->
    <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
    crossorigin="anonymous"></script>
<style>
    .main {
        display: flex;

```

```
flex-direction: row;  
}
```

```
.main>div:first-child {  
  width: 15%;  
}
```

```
.main>div:last-child {  
  width: 75%;  
}
```

```
.sidebar {  
  
  height: 100%;  
  background-color: #343a40;  
  color: #ffffff;  
  position: absolute;  
  width: 15%;  
}
```

```
.sidebar a {  
  color: #ffffff;  
  text-decoration: none;  
  padding: 10px 15px;  
  display: block;  
}
```

```
.sidebar a:hover {  
  background-color: #495057;  
}
```

```
.content {
  padding: 20px;
}
</style>
</head>

<body>
  <div class="main">
    <!-- Sidebar -->
    <div>
      <nav class="sidebar" id="sidebarMenu">
        <h4 class="text-center">Menu</h4>
        <a href="#" onclick="showPage('dashboard')">Dashboard</a>
        <a href="#" onclick="showPage('form')">Form</a>
      </nav>
    </div>
    <!-- Main Content -->
    <div class="container">
      <!-- Dashboard Page -->
      <div id="dashboard" class="page">
        <h2>Dashboard</h2>
        <div class="row">
          <div class="col-md-4 mb-3">
            <div class="card text-white bg-primary">
              <div class="card-body">
                <h5 class="card-title">Data Point 1</h5>
                <p class="card-text">$200 M</p>
              </div>
            </div>
          </div>
          <div class="col-md-4 mb-3">
```



```
<div class="card text-white bg-success">
  <div class="card-body">
    <h5 class="card-title">Data Point 2</h5>
    <p class="card-text">34,100</p>
  </div>
</div>
</div>
<div class="col-md-4 mb-3">
  <div class="card text-white bg-warning">
    <div class="card-body">
      <h5 class="card-title">Data Point 3</h5>
      <p class="card-text">56.7%</p>
    </div>
  </div>
</div>
</div>
<div class="row"><canvas id="chart"></canvas></div>

</div>
```

```
<!-- Form Page -->
```

```
<div id="form" class="container page d-none">
  <h2>Important Form</h2>
  <br></br>
  <form>
    <div class="row align-items-center">
      <div class="col-lg-6">
        <div class="row align-items-start">
          <div class="col-md-3">
            <label for="name" class="form-label">First Name</label>
          </div>
```

```
<div class="col-md-9">

  <input type="text" class="form-control" id="fname" placeholder="Enter your first name">

</div>

</div>

</div>

<div class="col-lg-6">

  <div class="row align-items-start">

    <div class="col-md-3">

      <label for="name" class="form-label">Last Name</label>

    </div>

    <div class="col-md-9">

      <input type="text" class="form-control" id="lname" placeholder="Enter your last name">

    </div>

  </div>

</div>

</div>

<br></br>

<div class="row align-items-center">

  <div class="col-lg-6">

    <div class="row align-items-start">

      <div class="col-md-3">

        <label for="email" class="form-label">Email</label>

      </div>

      <div class="col-md-9">

        <input type="email" class="form-control" id="email" placeholder="Enter your email">

      </div>

    </div>

  </div>

</div>

<div class="col-lg-6">

  <div class="row align-items-start">

    <div class="col-md-3">
```

```
<label for="city" class="form-label">City</label>

</div>

<div class="col-md-9">

  <input type="text" class="form-control" id="city" placeholder="Enter your city">

</div>

</div>

</div>

<br></br>

<div class="row align-items-center">

  <div class="col-lg-6">

    <div class="row align-items-start">

      <div class="col-md-3">

        <label for="state" class="form-label">State</label>

      </div>

      <div class="col-md-9">

        <input type="text" class="form-control" id="state" placeholder="Enter your state">

      </div>

    </div>

  </div>

  <div class="col-lg-6">

    <div class="row align-items-start">

      <div class="col-md-3">

        <label for="country" class="form-label">Country</label>

      </div>

      <div class="col-md-9">

        <input type="text" class="form-control" id="country" placeholder="Enter your country">

      </div>

    </div>

  </div>

</div>
```

```
</div>
```

```
</div>
```

```
<br></br>
```

```
<div class="row align-items-start">
```

```
<div class="col">
```

```
<button type="submit" class="btn btn-primary">Submit</button>
```

```
</div>
```

```
</div>
```

```
</form>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<!-- Bootstrap 5 JS -->
```

```
<script
```

```
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
```

```
<script>
```

```
// Navigation between pages
```

```
function showPage(pageId) {
```

```
    document.querySelectorAll('.page').forEach(page => page.classList.add('d-none'));
```

```
    document.getElementById(pageId).classList.remove('d-none');
```

```
}
```

```
// Initialize Chart.js
```

```
const ctx = document.getElementById('chart')
```

```
const data = {
```

```
    labels: ['Team 1', 'Team 2', 'Team 3', 'Team 4'],
```

```
    datasets: [{
```

```
        label: 'Period 1',
```

```
    data: [95, 25, 35, 65],
    fill: false,
    borderColor: 'rgb(200, 47, 47)',
  },
  {
    label: 'Period 2',
    data: [25, 35, 15, 37],
    fill: false,
    borderColor: 'rgb(2, 44, 97)',
  }
];
```

```
const chart = new Chart(ctx, {
  type: 'line',
  data: data,
  options: {
    responsive: true,
    maintainAspectRatio: false,
    scale: {
      x: {
        ticks: {
          callback: function (value, index, values) {
            return this.getLabelForValue(value); // Show label normally
          },
          maxRotation: 45,
          minRotation: 45
        }
      }
    }
  }
});
```

```
</script>
```

```
</body>
```

```
</html>
```

3)Submit form

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

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

```
  <title>Dashboard and Form</title>
```

```
  <!-- Bootstrap 5 CSS -->
```

```
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
```

```
  <!-- Chart.js -->
```

```
  <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>
```

```
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
```

```
    integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
```

```
    crossorigin="anonymous"></script>
```

```
<style>
```

```
  .main {
```

```
    display: flex;
```

```
    flex-direction: row;
```

```
  }
```

```
  .main>div:first-child {
```

```
    width: 15%;
```

```
  }
```

```
.main>div:last-child {  
    width: 75%;  
}  
  
.sidebar {  
  
    height: 100%;  
    background-color: #343a40;  
    color: #ffffff;  
    position: absolute;  
    width: 15%;  
}  
  
.sidebar a {  
    color: #ffffff;  
    text-decoration: none;  
    padding: 10px 15px;  
    display: block;  
}  
  
.sidebar a:hover {  
    background-color: #495057;  
}  
  
.content {  
    padding: 20px;  
}  
</style>  
</head>  
<body>
```

```
<!-- Submitted Data View -->

<div id="submittedContainer" class="card p-4 shadow hidden">

  <h3 class="mb-4">Important Form</h3>

  <p>Submitted successfully with the following data:</p>

  <div class="mb-3">

    <strong>First Name:</strong> <span id="submittedFirstName"></span>

  </div>

  <div class="mb-3">

    <strong>Last Name:</strong> <span id="submittedLastName"></span>

  </div>

  <div class="mb-3">

    <strong>Email:</strong> <span id="submittedEmail"></span>

  </div>

  <div class="mb-3">

    <strong>City:</strong> <span id="submittedCity"></span>

  </div>

  <div class="mb-3">

    <strong>State:</strong> <span id="submittedState"></span>

  </div>

  <div class="mb-3">

    <strong>Country:</strong> <span id="submittedCountry"></span>

  </div>

  <div class="mt-3">

    <button class="btn btn-warning" onclick="editForm()">Edit</button>

    <button class="btn btn-danger" onclick="closeApp()">Close</button>

  </div>

</div>

</div>

<!-- Bootstrap JS -->
```



```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/js/bootstrap.bundle.min.js"></script>
```

```
<!-- Custom Script -->
```

```
<script>
```

```
function showPage(pageId) {
```

```
    document.querySelectorAll('.page').forEach(page => page.classList.add('d-none'));
```

```
    document.getElementById(pageId).classList.remove('d-none');
```

```
// Get form values
```

```
const firstName = document.getElementById('firstName').value;
```

```
const lastName = document.getElementById('lastName').value;
```

```
const email = document.getElementById('email').value;
```

```
const city = document.getElementById('city').value;
```

```
const state = document.getElementById('state').value;
```

```
const country = document.getElementById('country').value;
```

```
// Validate form fields
```

```
if (!firstName || !lastName || !email || !city || !state || !country) {
```

```
    alert("Please fill in all fields.");
```

```
    return;
```

```
}
```

```
// Prepare data object
```

```
const formData = {
```

```
    firstName,
```

```
    lastName,
```

```
    email,
```

```
    city,
```

```
    state,
```

```
    country
```

```
};
```

```

// Send data to REST API
fetch('https://topengr.com/api/v1/assessment/formdata', {
  method: 'POST',
  headers: {
    'Content-Type': 'application/json'
  },
  body: JSON.stringify(formData)
})

.then(response => response.json()) // Parse JSON response
.then(data => {
  if (data.type === 1) {
    // Info type response
    alert(`Info: ${data.message} (Code: ${data.code})`);

    // Populate submitted data view
    document.getElementById('submittedFirstName').textContent = formData.firstName;
    document.getElementById('submittedLastName').textContent = formData.lastName;
    document.getElementById('submittedEmail').textContent = formData.email;
    document.getElementById('submittedCity').textContent = formData.city;
    document.getElementById('submittedState').textContent = formData.state;
    document.getElementById('submittedCountry').textContent = formData.country;

    // Switch views
    document.getElementById('formContainer').classList.add('hidden');
    document.getElementById('submittedContainer').classList.remove('hidden');
  } else if (data.type === 2) {
    // Warning type response
    alert(`Warning: ${data.message} (Code: ${data.code})`);
  } else if (data.type === 3) {
    // Error type response
    alert(`Error: ${data.message} (Code: ${data.code})`);
  }
})

```

```
.catch(error => {  
  console.error('Error:', error);  
  alert('An error occurred while submitting the form.');
```



```
});  
}
```

```
</script>  
</body>  
</html>
```