```
//File: index_ov2640.html.gz, Size: 6787
const char index_html[] = R"rawliteral(
<!doctype html>
<html>

<head>
 <meta charset="utf-8">
 <meta name="viewport" content="width=device-width,initial-scale=1">
 <title>ESP32 OV2460</title>

 <style>
  </style>
</head>

<body>
 <section class="main">
   <div class="myForm">
     <h2>Hamberger Life Style</h2>
     <label for="date-time">Date and Time:</label>
     <input type="datetime-local" id="date-time" name="date-time" required>

     <label for="calibration">Calibration factor:</label>
     <input type="number" id="calibration" name="calibration" required>

     <label for="body-size">Height(m):</label>
     <input type="number" id="height" name="Height" required>

     <label for="age">Age:</label>
     <input type="number" id="age" name="age" min="1" max="120" required>

     <label for="gender">Gender:</label>
     <select id="gender" name="gender" required>
       <option value="select gender" selected>select gender</option>
       <option value="male" selected>Male</option>
       <option value="female">Female</option>
       <option value="Other">Other</option>
     </select>
    </select>

   <input type="submit" onclick="refreshWeight(true)" value="Capture weight">

<script>
```

```
 const date_and_time_Input = document.getElementById('date and time');
 const currentTime = new Date();
 currentTimeInput.value = currentTime.toISOString().slice(0, 16);
</script>

     <h3> Load Cell 1 </h3>
     <label for="weight1">Weight:</label>
     <input id="weight1" disabled> </input>
     <label for="avg_weight1">Average Weight:</label>
     <input id="avg_weight1" disabled> </input>

     <h3> Load Cell 2 </h3>
     <label for="weight2">Weight:</label>
     <input id="weight2" disabled> </input>
     <label for="avg_weight2">Average Weight:</label>
     <input id="avg_weight2" disabled> </input>

     <h3> Load Cell 3 </h3>
     <label for="weight3">Weight:</label>
     <input id="weight3" disabled> </input>
     <label for="avg_weight3">Average Weight:</label>
     <input id="avg_weight3" disabled> </input>

     <h3> Load Cell 4 </h3>
     <label for="weight4">Weight:</label>
     <input id="weight4" disabled> </input>
     <label for="avg_weight4">Average Weight:</label>
     <input id="avg_weight4" disabled> </input>

     <h3> BMI </h3>
     <label for="bmi">BMI:</label>
     <input id="bmi" disabled> </input>
     </br>
       <!-- <h4> History: </h4> -->
 <div id="history">
   <table id="historyTable">
     <thead>
       <tr>
         <th>Date</th>
         <th>Weight</th>
         <th>BMI</th>
       </tr>
     </thead>
     <tbody>
     </tbody>
   </table>


<button onclick="location.reload()"> Reset </button>

<script>
   const dateTimeInput = document.getElementById('date-time');
   const now = new Date();
   const year = now.getFullYear();
   const month = (now.getMonth() + 1).toString().padStart(2, '0');
   const day = now.getDate().toString().padStart(2, '0');
   const hour = now.getHours().toString().padStart(2, '0');
   const minute = now.getMinutes().toString().padStart(2, '0');
   dateTimeInput.value = `${year}-${month}-${day}T${hour}:${minute}`;
 </script>

 </section>

 <br></br>


 <script>
   var baseHost;

   function calculateBMI(weight, height, age, gender) {
     console.log("calculateBMI: weight: " + weight + ", height: " + height + ", age: "
+ age + ", gender: " + gender);
     var p = [age, height, weight,gender];
     var bmi = Number(p[2])/(Number(p[1])/1*Number(p[1])/1);

     var result = '';
   if(bmi<18.5){
     result = 'Underweight';
    }else if(18.5<=bmi&&bmi<=24.9){
    result = 'Healthy';
    }else if(25<=bmi&&bmi<=29.9){
     result = 'Overweight';
    }else if(30<=bmi&&bmi<=34.9){
   result = 'Obese';
```

```
    }else if(35<=bmi){
   result = 'Extremely obese';
    }
     return bmi;
   }

   // Update the history table with the provided data
   function updateHistoryTable(data) {
     const historyTable = document.getElementById('historyTable');
     const historyBody = historyTable.getElementsByTagName('tbody')[0];

     // Clear the table body
     historyBody.innerHTML = '';

     // Iterate over the history data and populate the table rows
     for (let i = 0; i < data.history.length; i++) {
       const historyItem = data.history[i];
       const row = document.createElement('tr');

       if (historyItem.date === '') continue;

       const dateCell = document.createElement('td');
       dateCell.textContent = historyItem.date;
       row.appendChild(dateCell);

       const weightCell = document.createElement('td');
       weightCell.textContent = historyItem.weight;
       row.appendChild(weightCell);

       const bmiCell = document.createElement('td');
       const bmi = calculateBMI(historyItem.weight, historyItem.height,
historyItem.age, historyItem.gender);
       bmiCell.textContent = bmi;
       row.appendChild(bmiCell);

       historyBody.appendChild(row);
     }
   }

   function refreshWeight(enable_popup) {
     // create XHR object
     const xhr = new XMLHttpRequest();
```

```
if ( document.getElementById("calibration").value == "" ) {
  calibration = 0;
}
else {
  calibration = parseFloat(document.getElementById("calibration").value);
}

if ( document.getElementById("height").value == "" ) {
  height = 0;
}
else {
  height = parseInt(document.getElementById("height").value);
}

if ( document.getElementById("age").value == "" ) {
  age = 0;
}
else {
  age = parseInt(document.getElementById("age").value);
}

query_param = "?date="        + Date.now() +
              "&calibration=" + calibration +
              "&height="      + height +
              "&age="         + age +
              "&gender="      + document.getElementById("gender").value;

console.log(query_param);

// set HTTP method and API endpoint
  xhr.open('GET', baseHost+"/status" + query_param);

// set response type
xhr.responseType = 'json';

// set callback function
xhr.onload = function () {
  if (xhr.status === 200) {
    const data = xhr.response;

    console.log(data);
```

```
         if ( enable_popup && data.info[0].weight == 0 )
         {
           alert("No weight found");
           return;
         }

         document.getElementById('weight1').value = data.info[0].weight + "Kg";
         document.getElementById('avg_weight1').value = data.info[0].avg_weight +
"Kg";
         document.getElementById('weight2').value = data.info[1].weight + "Kg";
         document.getElementById('avg_weight2').value = data.info[1].avg_weight +
"Kg";
         document.getElementById('weight3').value = data.info[2].weight + "Kg";
         document.getElementById('avg_weight3').value = data.info[2].avg_weight +
"Kg";
         document.getElementById('weight4').value = data.info[3].weight + "Kg";
         document.getElementById('avg_weight4').value = data.info[3].avg_weight +
"Kg";

         document.getElementById('bmi').value = calculateBMI(data.info[0].weight,
data.info[0].height, data.info[0].age, data.info[0].gender);
         document.getElementById("calibration").value = data.info[0].calibration;
         updateHistoryTable(data);
       } else {
         console.log('Error:', xhr.status);
       }
     };

     // send XHR request
     xhr.send();
   }

   document.addEventListener('DOMContentLoaded', function (event) {
     baseHost = document.location.origin;
     refreshWeight(false);
   })

 </script>

</body>
```

```
</html>)rawliteral";
```