



**UNIVERSITI MALAYSIA TERENGGANU**

**Faculty Of Computer Sciences and Mathematics**

**Front End Programming**

**CSM3103**

Lab Report 6

**Prepared by:**

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Bachelor of Computer Science (Mobile Computing) with Honors.

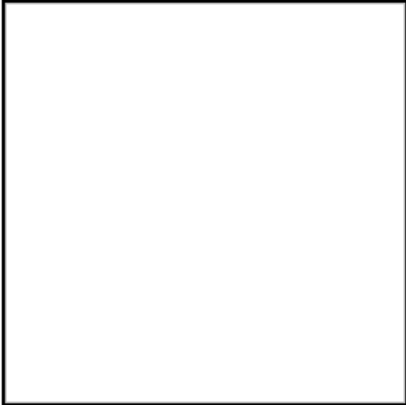
Sem 2 2023/2024

YT tutorial:

Output:

Name	<input type="text"/>
RollNo	<input type="text"/>
Section	<input type="text"/>
Gender	<input type="text" value="Male"/>
<input type="button" value="INSERT"/> <input type="button" value="SELECT"/> <input type="button" value="UPDATE"/> <input type="button" value="DELETE"/>	

Sno	Name	Roll No	Section	Gender

Image Name	<input type="text"/>
	
<input type="button" value="Select Image"/>	<input type="button" value="Upload Image"/> <input type="button" value="Retrieve Image"/>

## Sign Up

## Login

☐ Keep me logged in

Navbar

Home

Link

Dropdown ▼

Disabled

Sno	Name	Roll No	Section	Gender
1	Yong	1234	12	Male
2	Yang	12345	12	Male

Product Name

Product Price

Stock (Quantity)

Category

Points #1

Points #2

Points #3

Points #4

Product Description

uploading 1 of 3

Add Product

Select Images

## Task 2:

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Lab 6</title>
</head>
<body>
  <h2>Simple Input</h2>
  <div class="row">
    <h4>Enter ID</h4><input type="text" id="inputID">
    <h4>Enter Name</h4><input type="text" id="inputName">
    <h4>Enter Age</h4><input type="number" id="inputAge">
    <button id="btnInsert">Insert Data</button>
  </div>
  <script type="module">
    //Firebase code
    // Import the functions you need from the SDKs you need
    import { initializeApp } from "https://www.gstatic.com/firebasejs/10.11.1/firebase-app.js";
    import { getAnalytics } from "https://www.gstatic.com/firebasejs/10.11.1/firebase-analytics.js";
    import { getDatabase, ref, set } from "https://www.gstatic.com/firebasejs/10.11.1/firebase-
database.js";

    // Your web app's Firebase configuration
    // For Firebase JS SDK v7.20.0 and later, measurementId is optional
    const firebaseConfig = {
      apiKey: "AlzaSyCDs2oFuCOtecjEiZ_F5gf2UZgN554T4SE",
      authDomain: "lab-6-3e63d.firebaseio.com",
      databaseURL: "https://lab-6-3e63d-default-rtdb.asia-southeast1.firebaseio.com",
      projectId: "lab-6-3e63d",
      storageBucket: "lab-6-3e63d.appspot.com",
      messagingSenderId: "1041402007751",
      appId: "1:1041402007751:web:c437b89600a6c01e4f6ee2",
      measurementId: "G-T2BD64K7F6"
    };

    // Initialize Firebase
    const app = initializeApp(firebaseConfig);
    const analytics = getAnalytics(app);

    //Create the holder for the database using the imported method getDatabase()
    const db = getDatabase();

    //Retrieve the object from html into the JavaScript
```

```

var inputID = document.querySelector("#inputID");
var inputName = document.querySelector("#inputName");
var inputAge = document.querySelector("#inputAge");

var btnInsert = document.querySelector("#btnInsert");

//Add a listener for a click event on btnInsert
btnInsert.addEventListener("click", funInsertData);

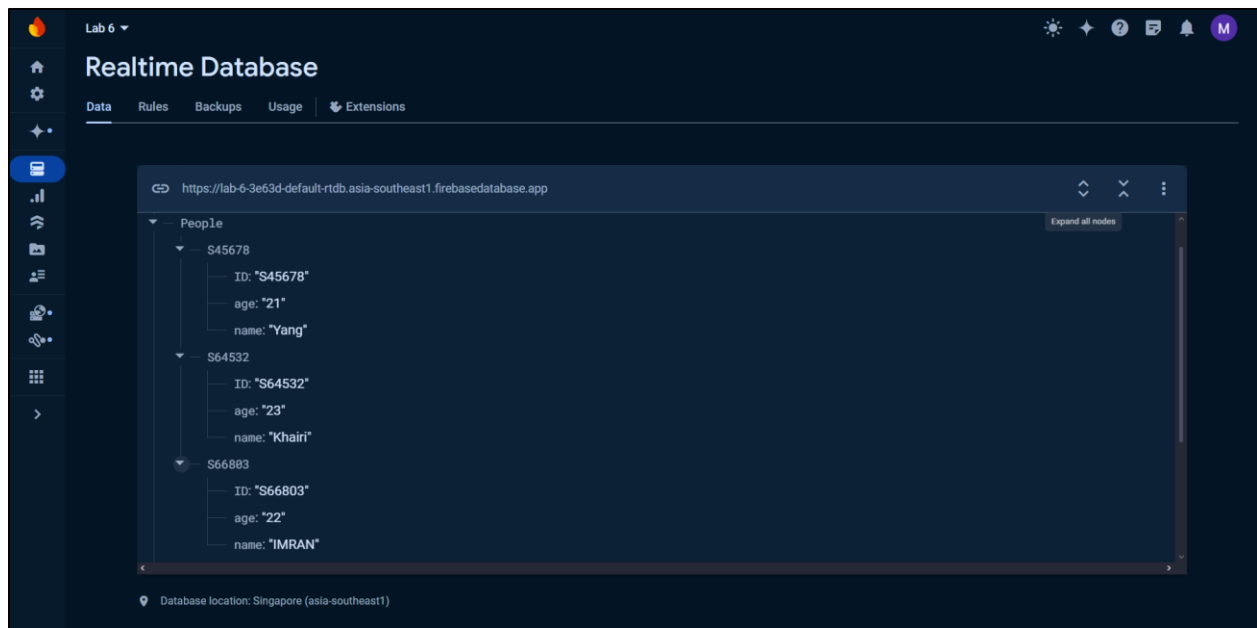
//Add the function funInsertData with the following code
function funInsertData() {
  set(ref(db, "People/" + inputID.value), {
    name: inputName.value,
    ID: inputID.value,
    age: inputAge.value
  })
  .then(() => {
    alert("Data added successfully");
  })
  .catch((error) => {
    alert(error);
  });
}
</script>
</body>
</html>

```

Output:

The screenshot shows a web browser window with the address bar displaying a file path. The page content is titled "Simple Input" and contains three input fields: "Enter ID" with the value "S64532", "Enter Name" with the value "Khairi", and "Enter Age" with the value "23". There is a blue "Insert Data" button next to the age input. A modal alert box is displayed in the center of the screen with the title "This page says" and the message "Data added successfully". The alert has a blue "OK" button.

Firebase:



Task 3

Login

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>First Care - Login</title>
</head>
<body>
  <h1>First Care</h1>
  <fieldset>
    <legend>Carer Login</legend>
    <form id="loginForm">
      <table>
        <tr>
          <td><label for="loginName">Name:</label></td>
          <td><input type="text" id="loginName" name="name" required></td>
        </tr>
        <tr>
          <td><label for="loginPhone">Phone Number:</label></td>
          <td><input type="text" id="loginPhone" name="phone" required></td>
        </tr>
        <tr>
          <td></td>
```

```

        <td>
            <button type="submit" id="loginSubmit">Login</button>
            <button type="reset" id="loginReset">Cancel</button>
        </td>
    </tr>
</table>
</form>
<a href="register.html">Don't have an account? Register here</a>
</fieldset>
<script type="module">
    import { initializeApp } from "https://www.gstatic.com/firebasejs/10.11.1/firebase-app.js";
    import { getDatabase, ref, get, child } from "https://www.gstatic.com/firebasejs/10.11.1/firebase-database.js";

    const firebaseConfig = {
        apiKey: "AIzaSyCDs2oFuCOtecjEiZ_F5gf2UZgN554T4SE",
        authDomain: "lab-6-3e63d.firebaseio.com",
        databaseURL: "https://lab-6-3e63d-default-rtdb.asia-southeast1.firebaseio.com",
        projectId: "lab-6-3e63d",
        storageBucket: "lab-6-3e63d.appspot.com",
        messagingSenderId: "1041402007751",
        appId: "1:1041402007751:web:c437b89600a6c01e4f6ee2",
        measurementId: "G-T2BD64K7F6"
    };

    const app = initializeApp(firebaseConfig);
    const db = getDatabase(app);

    document.getElementById('loginForm').addEventListener('submit', function(event) {
        event.preventDefault();

        const lName = document.querySelector("#loginName").value;
        const lPhone = document.querySelector("#loginPhone").value;

        const dbRef = ref(db);
        get(child(dbRef, `carer/${lName}`)).then((snapshot) => {
            if (snapshot.exists()) {
                const carerData = snapshot.val();
                if (carerData.nophone === lPhone) {
                    alert("Login successful!");
                    window.location.href = 'userList.html';
                } else {
                    alert("Phone number does not match our records.");
                }
            } else {
                alert("No carer found with that name.");
            }
        }).catch((error) => {

```

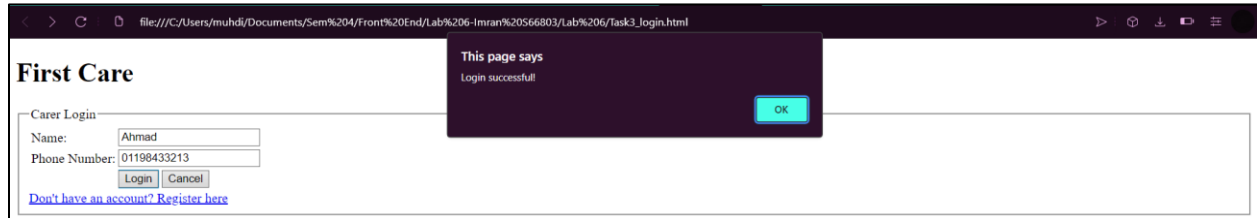


```

        alert("Error: " + error.message);
    });
});
</script>
</body>
</html>

```

Output:



## Register

Code:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>First Care</title>
</head>
<body>
  <h1>First Care</h1>
  <fieldset>
    <legend>Carer Registration 2024/2025</legend>
    <form id="registerForm">
      <table>
        <tr>
          <td><label for="name">Name:</label></td>
          <td><input type="text" id="name" name="name" required></td>
        </tr>
        <tr>
          <td><label for="address">Address:</label></td>
          <td><input type="text" id="address" name="address" required></td>
        </tr>
        <tr>
          <td><label for="nophone">Phone Number:</label></td>
          <td><input type="text" id="nophone" name="nophone" required></td>
        </tr>
      </table>
    </form>
  </fieldset>

```

```

        <td></td>
        <td>
            <button type="submit" id="submit">Submit</button>
            <button type="reset" id="reset">Cancel</button>
        </td>
    </tr>
</table>
</form>
</fieldset>
<a href="login.html">Sign in if you already have an account</a>
<script type="module">
    import { initializeApp } from "https://www.gstatic.com/firebasejs/10.11.1/firebase-app.js";
    import { getDatabase, set, ref } from "https://www.gstatic.com/firebasejs/10.11.1/firebase-
database.js";

    const firebaseConfig = {
        apiKey: "AIzaSyCDs2oFuCOtecjEiZ_F5gf2UZgN554T4SE",
        authDomain: "lab-6-3e63d.firebaseio.com",
        databaseURL: "https://lab-6-3e63d-default-rtdb.asia-southeast1.firebaseio.com",
        projectId: "lab-6-3e63d",
        storageBucket: "lab-6-3e63d.appspot.com",
        messagingSenderId: "1041402007751",
        appId: "1:1041402007751:web:c437b89600a6c01e4f6ee2",
        measurementId: "G-T2BD64K7F6"
    };
    const app = initializeApp(firebaseConfig);
    const db = getDatabase(app);
    document.getElementById('registerForm').addEventListener('submit', function(event) {
        event.preventDefault();
        const cName = document.querySelector("#name").value;
        const cAddress = document.querySelector("#address").value;
        const cNophone = document.querySelector("#nophone").value;
        set(ref(db, "carer/" + cName), {
            name: cName,
            address: cAddress,
            nophone: cNophone
        })
        .then(() => {
            alert("Data added successfully!");
            window.location.href = 'login.html';
        })
        .catch((error) => {
            alert("Error: " + error.message);
        });
    });
</script>
</body>
</html>

```

Output:

The screenshot shows a web browser window with the address bar displaying a file path. The page title is "First Care". A dark blue modal box in the center contains the text "This page says" and "Data added successfully!" with an "OK" button. Below the modal, there is a registration form titled "Carer Registration 2024/2025". The form contains three input fields: "Name:" with the value "Shah", "Address:" with the value "Kampung Maras", and "Phone Number:" with the value "01798353266". Below these fields are "Submit" and "Cancel" buttons. At the bottom left of the form area, there is a link that says "Sign in if you already have an account".

## User List

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>First Care - User List</title>
  <style>
    table {
      width: 100%;
      border-collapse: collapse;
    }
    table, th, td {
      border: 1px solid black;
    }
    th, td {
      padding: 15px;
      text-align: left;
    }
    th {
      background-color: #f2f2f2;
    }
    #addUserButton {
      margin: 20px 0;
      padding: 10px 20px;
      font-size: 16px;
      background-color: #4CAF50;
      color: white;
      border: none;
      cursor: pointer;
    }
    #addUserButton:hover {
      background-color: #45a049;
    }
  </style>
</head>
<body>
  <table>
    <tr>
      <th>Name</th>
      <th>Address</th>
      <th>Phone Number</th>
    </tr>
    <tr>
      <td>Shah</td>
      <td>Kampung Maras</td>
      <td>01798353266</td>
    </tr>
  </table>
  <div>
    <button id="addUserButton">Add User</button>
  </div>
  <div>
    <a href="#">Sign in if you already have an account</a>
  </div>
</body>
</html>
```

```

</style>
</head>
<body>
  <h1>First Care - User List</h1>
  <button id="addUserButton">+ Add New User</button>
  <table>
    <thead>
      <tr>
        <th>Name</th>
        <th>Address</th>
        <th>Phone Number</th>
      </tr>
    </thead>
    <tbody id="userTableBody">
      <!-- User data will be appended here -->
    </tbody>
  </table>

  <script type="module">
    import { initializeApp } from "https://www.gstatic.com/firebasejs/10.11.1/firebase-app.js";
    import { getDatabase, ref, get, child } from "https://www.gstatic.com/firebasejs/10.11.1/firebase-database.js";

    const firebaseConfig = {
      apiKey: "AIzaSyCDs2oFuCOtecjEiZ_F5gf2UZgN554T4SE",
      authDomain: "lab-6-3e63d.firebaseio.com",
      databaseURL: "https://lab-6-3e63d-default-rtdb.asia-southeast1.firebaseio.com",
      projectId: "lab-6-3e63d",
      storageBucket: "lab-6-3e63d.appspot.com",
      messagingSenderId: "1041402007751",
      appId: "1:1041402007751:web:c437b89600a6c01e4f6ee2",
      measurementId: "G-T2BD64K7F6"
    };

    const app = initializeApp(firebaseConfig);
    const db = getDatabase(app);

    function displayUsers() {
      const dbRef = ref(db);
      get(child(dbRef, 'carer')).then((snapshot) => {
        if (snapshot.exists()) {
          const carers = snapshot.val();
          const userTableBody = document.getElementById('userTableBody');
          userTableBody.innerHTML = "";

          for (const key in carers) {
            if (carers.hasOwnProperty(key)) {
              const user = carers[key];
            }
          }
        }
      });
    }
  </script>

```

```

const row = document.createElement('tr');
row.innerHTML = `
  <td>${user.name}</td>
  <td>${user.address}</td>
  <td>${user.nophone}</td>
`;
userTableBody.appendChild(row);
}
} else {
  alert("No data available");
}
}).catch((error) => {
  alert("Error: " + error.message);
});
}

displayUsers();

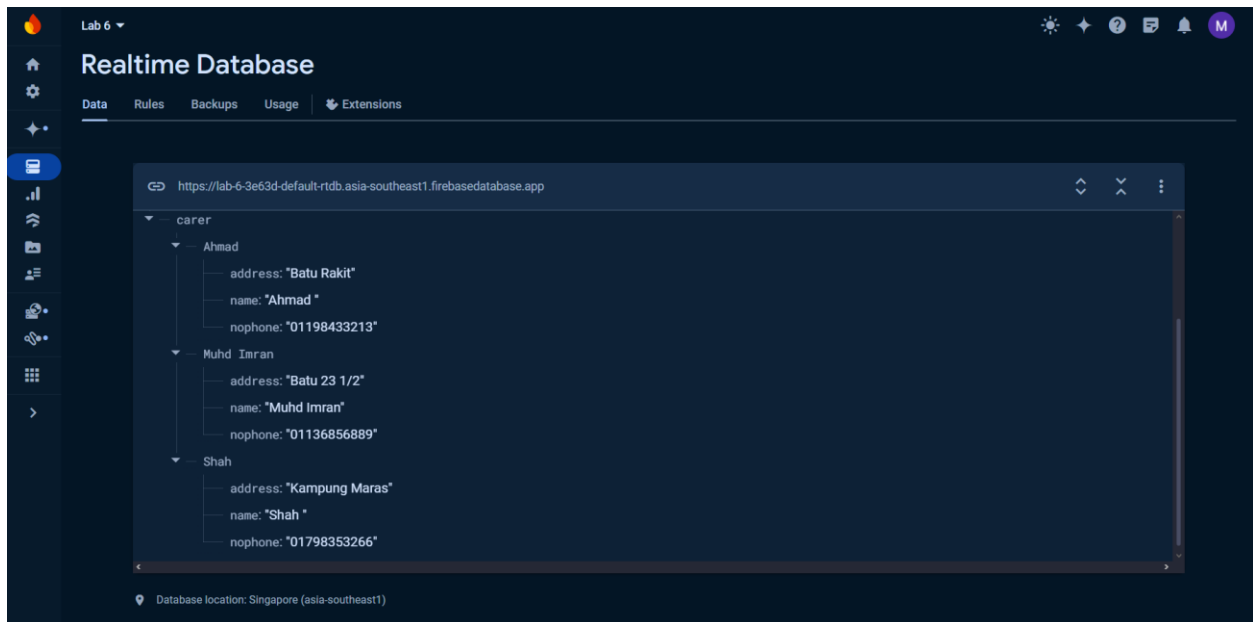
document.getElementById('addUserButton').addEventListener('click', function() {
  window.location.href = 'register.html';
});
</script>
</body>
</html>

```

Output:

First Care - User List		
+ Add New User		
Name	Address	Phone Number
Ahmad	Batu Rakit	01198433213
Muhd Imran	Batu 23 1/2	01136856889
Shah	Kampung Maras	01798353266

Firebase:



Link Github: <https://github.com/S66803/CSM3103-Front-End->