

IoT Based Safety Gadget for Child Safety Monitoring & Notification

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Project Code:

Login.html:

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

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <link rel="stylesheet" href="../css/login.css">
  <title>Sign Up</title>
</head>

<body>
  <div class="wrapper">
    <div class="loginContainer">
      <span>Login To Continue</span>
      <div class="traditionalLoginContainer">
        <form class="signupForm" action="/" method="post">
          <input type="email" name="email"
placeholder="Email" id="email">
          <input type="password" name="password"
placeholder="Password" id="password">
          <input class="loginButton" type="submit"
value="Login">
        </form>
      </div>
      <a class="hyperLink" href="registration.html">Don't have an
Account? Register ↗</a>
    </div>
  </div>

  <!--set the path where the node modules are installed in pc-->
  <script
src="node_modules/localforage/dist/localforage.js"></script>

  <script>

document.querySelector(".signupForm").addEventListener("submit", async
(e) => {
  e.preventDefault()
  let email = document.getElementById("email").value
  let password = document.getElementById("password").value
  let flag = false
```

```

        let userData = await localforage.getItem("userDatabase")
        console.log(userData)
        if (userData) {
            userData.forEach(e => {
                if (e.email === email) {
                    if (e.password === password || e.isFire ===
true) {

                                localStorage.setItem("userData", e)
                                flag = true
                                window.location.href = "index.html"
                            }
                        }
            })

        } else {
            alert("User Not Found")
        }

        if (!flag) {
            alert("Invalid Credentials")
        }
    })
</script>
</body>

</html>

```

Registration.html

```

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

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <link rel="stylesheet" href="../css/login.css">
    <title>Sign Up</title>
</head>

<body>
    <div class="wrapper">
        <div class="loginContainer">
            <span>SignUp to Continue</span>
            <div class="traditionalLoginContainer">
                <form class="signupForm" action="/" method="post">
                    <input type="text" name="firstName"
placeholder="First Name" id="firstName">
                    <input type="text" name="lastName"
placeholder="Last Name" id="lastName">
                    <input type="text" name="username"
placeholder="User Name" id="username">
                    <input type="email" name="email"
placeholder="Email" id="email">
                    <input type="password" name="password"
placeholder="Password" id="password">

```

```

        <input class="loginButton" type="submit"
value="Sign Up">
        </form>
    </div>
    <a class="hyperLink" href="login.html">Already have an
Account? Login ↗</a>
    </div>
</div>

    <!--set the path where the node modules are installed in pc-->
    <script
src="node_modules/localforage/dist/localforage.js"></script>

    <script>

document.querySelector(".signupForm").addEventListener("submit", async
(e) => {
    e.preventDefault()
    let firstName = document.getElementById("firstName").value
    let lastName = document.getElementById("lastName").value
    let username = document.getElementById("username").value
    let email = document.getElementById("email").value
    let password = document.getElementById("password").value
    let
profilePic=`https://avatars.dicebear.com/api/initials/${firstName}-${
lastName}.svg?backgroundColor=variant03`

    let data = { firstName, lastName, username, email,
password, profilePic }

    await localforage.setItem("userData", data)

    let database = await localforage.getItem("userDatabase")
    if (database == null) {
        database = []
    }
    database.push(data)
    await localforage.setItem("userDatabase", database)
    window.location.href = "index.html"
})
</script>
</body>

</html>

```

Index.html

```

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

<head>
    <meta charset="UTF-8" />
    <meta name="description" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <link rel="stylesheet" href="../css/index.css">
    <title>IOT Based Safety Gadget for Child Safety Monitoring and
Notification</title>

```

```

</head>

<body>
  <div class="wrapper">
    <div class="details">
      <h1 class="name"></h1>
      <div class="imageContainer">
        <img class="image" width=150px alt="profile picture" />
      </div>
      <h2 class="email"></h2>

      <a class="dashboard" href="dashboard.html">Go to Dashboard
    </a>
    </div>
  </div>

  <!--set the path where the node modules are installed in pc-->
  <script
src="node_modules/localforage/dist/localforage.js"></script>

  <script>
    async function check() {
      let data = localforage.getItem("userData")
      if (data == null) {
        window.location.href = "login.html"
      }
    }
    check()
  </script>
  <script>
    async function main() {
      let name = document.querySelector(".name")
      let image = document.querySelector(".image")
      let email = document.querySelector(".email")
      let userData = await localforage.getItem("userData")
      if (userData == null) {
        window.location.href = "login.html"
      }
      name.innerHTML = `Welcome ${userData.firstName}
${userData.lastName}!`
      image.src = userData.profilePic
      email.innerHTML = `Your email is: <a style="text-
decoration: none;color: #0072B5;"
href="mailto:${userData.email}">${userData.email}</a>`
    }
    main()
  </script>
</body>

</html>

```

Dashboard.html

```

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

<head>

```

```

    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <link rel="stylesheet" href="../../css/dashboard.css">
    <title>Dashboard</title>
</head>

<body>
    <div class="wrapper">
        <div class="header">
            <span class="heading">Dashboard</span>
            <span class="right">
                <span class="username">Hello User</span>
                <span>
                    
                </span>
            </span>
        </div>

        <div class="actionCenter">
            <div class="action">
                <span>Create Child Card</span>
            </div>
            <div class="action">
                <span class="logout">Log out</span>
            </div>
        </div>

        <div class="childCardContainer">
            <div class="childCard">
                <div class="childCardHeader">
                    <span>Child Name</span>
                    <span>Age 0</span>
                </div>
                <div class="actions">
                    <span>View</span>
                    <span>GeoFence</span>
                </div>
            </div>
        </div>
    </div>

    <!--set the path where the node modules are installed in pc-->
    <script
src="node_modules/localforage/dist/localforage.js"></script>

    <script>
        async function main() {
            let userData = await localforage.getItem('userData')
            if (userData == null) {
                window.location.href = "login.html"
            }
            document.querySelector(".username").innerHTML = `Hello
${userData.firstName}`

```

```

        document.querySelector(".profilePic").src =
userData.profilePic
    }
    main()
    document.querySelector(".logout").addEventListener("click",
async () => {
        await localforage.setItem('userData', null)
        window.location.href = "login.html"
    })
</script>
</body>

</html>

```

Stylesheets:

Login.css

```

html,
body {
    height: 100%;
    margin: 0;
    font-weight: 300;
    font-family: -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, Oxygen,
        Ubuntu, Cantarell, "Open Sans", "Helvetica Neue", sans-
serif;
}

.wrapper {
    height: 100%;
    display: flex;
    align-items: center;
    justify-content: center;
}

.loginContainer {
    display: flex;
    flex-direction: column;
    gap: 1rem;
    min-width: 25rem;
    padding: 1rem 3rem;
    border: 1px solid #44444444;
    box-shadow: 0px 3px 2px 1px #44444444;
    border-radius: 8px;
}

.loginContainer span {
    text-align: center;
    font-size: 3rem;
    font-weight: 500;
    margin: 1rem 1rem 3rem;
}

.traditionalLoginContainer form {
    display: flex;
    flex-direction: column;

```

```

        align-items: center;
        justify-content: center;
    }

    .traditionalLoginContainer :is(input[type="text"],
input[type="password"], input[type="email"]) {
        margin: 0.3rem;
        padding: 0.3em 0.5em;
        border: 1px solid #44444444;
        border-radius: 5px;
        outline: none;
        min-width: 200px;
        font-size: 1.3rem;
    }

    .traditionalLoginContainer .loginButton {
        background-color: #0070f3;
        font-size: 1.6rem;
        padding: 0.2em 0.8em;
        color: white;
        margin: 0.4rem;
        border: none;
        border-radius: 5px;
        cursor: pointer;
        margin-top: 2rem;
    }

    .traditionalLoginContainer .loginButton:hover {
        background-color: #0071f3d6;
    }

    .hyperLink {
        text-decoration: none;
        text-align: center;
        font-size: 1.2rem;
        color: #0070f3;
        font-weight: 400;
    }

    @media screen and (max-width: 480px) {
        .loginContainer {
            border: none;
            box-shadow: none;
            min-width: fit-content;
            min-width: -moz-fit-content;
            min-width: -webkit-fill-available;
            padding: 1rem;
        }
    }

```

Index.css

```

body {
    height: 100%;
    margin: 0;
    font-weight: 300;
    font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI', Roboto,

```

```

        Oxygen, Ubuntu, Cantarell, 'Open Sans', 'Helvetica Neue',
        sans-serif;
    }

.wrapper {
    height: 90%;
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    text-align: center;
}

.details {
    display: flex;
    flex-direction: column;
    align-items: center;
    gap: 20px;
    padding: 1rem;
    border-radius: 5px;
    box-shadow: 0 0 8px 0px #44444444;
    max-width: 80%;
}

h1,
h2 {
    margin: 0;
}

.imageContainer {
    padding: 10px;
    height: 10rem;
    width: 10rem;
}

.dashboard {
    text-decoration: none;
    text-align: center;
    font-size: 1.2rem;
    color: #0070f3;
    font-weight: 400;
}

```

Dashboard.css

```

html,
body {
    margin: 0;
    padding: 0;
    font-family: system-ui, -apple-system, BlinkMacSystemFont, 'Segoe
UI', Roboto, Oxygen, Ubuntu, Cantarell, 'Open Sans', 'Helvetica Neue',
sans-serif;
}

.wrapper {
    display: flex;

```



```

        flex-direction: column;
        height: 100vh;
        margin: 0 auto;
    }

    .header {
        display: flex;
        justify-content: space-between;
        align-items: center;
        padding: 1rem;
        background-color: #f1f1f1;
    }

    .heading {
        font-size: 1.3rem;
    }

    .right {
        display: flex;
        align-items: center;
        gap: 0.5rem;
    }

    .actionCenter {
        display: flex;
        justify-content: flex-end;
        align-items: center;
        gap: 1rem;
        padding: 0.5rem 0;
    }

    .actionCenter .action {
        padding: 0.5rem 0.8rem;
        border: 1px solid #44444444;
        border-radius: 12px;
        margin-right: 0.5rem;
        cursor: pointer;
    }

    .actionCenter .action:hover {
        background-color: #0070f3;
        color: white;
    }

    .childCardContainer {
        display: flex;
        flex-wrap: wrap;
        padding: 0.5rem 1rem;
    }

    .childCardContainer .childCard {
        display: flex;
        flex-direction: column;
        border: 1px solid #44444444;
        border-radius: 12px;
        max-width: 300px;
        font-size: 1.4rem;
    }

```

```
.childCardContainer .childCard .childCardHeader {
  display: flex;
  gap: 3rem;
  margin: 0.1rem 0.1rem 0.8rem;
  padding: 1rem 0.8rem 0;
}

.childCardContainer .childCard .actions {
  background-color: #0070f3;
  padding: 2rem 0.5rem 1rem;
  color: white;
  display: flex;
  justify-content: space-around;
  border-radius: 12px;
  border-top-left-radius: 0;
  border-top-right-radius: 0;
}

.childCardContainer .childCard .actions span {
  border: 1px solid #0070f3;
  background-color: white;
  color: #0070f3;
  padding: 0.3rem 0.9rem;
  border-radius: 12px;
  cursor: pointer;
}
```