

APPENDICES

(APPENDIX A SOURCE CODE) HTML

CODE

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Safety and Service App</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <header>
    <h1>Institute Safety & Service App</h1>
  </header>
  <main>
    <div class="menu">
      <button id="emergency">Emergency Contacts</button>
      <button id="panic">Panic Alert</button>
      <button id="incident">Report Incident</button>
      <button id="service">Service Request</button>
      <button id="feedback">Give Feedback</button>
      <button id="lost-found">Lost & Found</button>
    </div>

    <section id="content">
      <!-- Dynamic Content Loaded Here -->
    </section>
  </main>
  <footer>
    <p>&copy; 2024 Institute Safety & Service App</p>
  </footer>
```

```
<script src="script.js"></script>
</body>
</html>
```

CSS CODE

```
/* styles.css */ body {
  font-family: Arial, sans-serif; margin: 0;
  padding: 0;
  background-color: #f5f5f5; color: #333;
}
```

```
header {
  background-color: #007bff; color: #fff;
  padding: 10px 0; text-
  align: center;
}
```

```
.menu
{ display: flex; flex-
wrap: wrap;
justify-content: center; gap: 10px; padding:
20px;
}
```

```
button {
  padding: 10px 20px;
```

```
font-size: 16px; color:
#fff;
background-color: #007bff; border: none;
border-radius: 5px; cursor:
pointer; transition: 0.3s;
}
```

```
button:hover {
background-color: #0056b3;
}
```

```
#content {
max-width: 800px; margin:
20px auto; background:
#fff; padding: 20px;
border-radius: 5px;
box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
}
```

```
footer {
background-color: #007bff; color: #fff;
text-align: center; padding:
10px; position: fixed;
bottom: 0;
width: 100%;
}
```

JAVASCRIPT CODE

```
// script.js
```

```
// Get the content section
```

```
const content = document.getElementById("content");
```

```
// Emergency Contacts document.getElementById("emergency").addEventListener("click", ()  
=>
```

```
{ content.innerHTML = `  
  <h2>Emergency Contacts</h2>  
  <ul>  
    <li>Security: <a href="tel:1234567890">1234567890</a></li>  
    <li>Ambulance: <a href="tel:9876543210">9876543210</a></li>  
    <li>Fire: <a href="tel:1122334455">1122334455</a></li>  
  </ul>`;
```

```
});
```

```
// Panic Alert document.getElementById("panic").addEventListener("click", ()
```

```
=> {  
  const confirmation = confirm("Are you sure you want to send a panic alert?"); if  
  (confirmation) {  
    alert("Panic Alert Sent to Security!");  
  }  
});
```

```
// Incident Reporting
```

```
document.getElementById("incident").addEventListener("click", () =>
```

```
{ content.innerHTML = `  
  <h2>Report Incident</h2>  
  <form id="incidentForm">  
    <label>Type of Incident:</label>  
    <input type="text" id="incidentType" required><br>
```

```

<label>Description:</label>
<textarea id="incidentDescription" required></textarea><br>
<button type="submit">Submit</button>
</form>
<div id="incidentOutput"></div>`;

```

```

document.getElementById("incidentForm").addEventListener("submit", (e) =>
{ e.preventDefault();
const type = document.getElementById("incidentType").value;
const description = document.getElementById("incidentDescription").value;
saveData("incidents", { type, description });
alert("Incident reported successfully!");
});
});

```

// Service Request

```

document.getElementById("service").addEventListener("click", () =>
{ content.innerHTML = `
<h2>Service Request</h2>
<form id="serviceForm">
<label>Request Type:</label>
<input type="text" id="serviceType" required><br>
<label>Description:</label>
<textarea id="serviceDescription" required></textarea><br>
<button type="submit">Submit</button>
</form>`;

```

```

document.getElementById("serviceForm").addEventListener("submit", (e) =>
{ e.preventDefault();
const type = document.getElementById("serviceType").value;
const description = document.getElementById("serviceDescription").value;
saveData("serviceRequests", { type, description });
alert("Service request submitted!");
});
});

```

```
// Feedback document.getElementById("feedback").addEventListener("click", ()
=>
{ content.innerHTML = `
  <h2>Feedback</h2>
  <form id="feedbackForm">
    <label>Your Feedback:</label>
    <textarea id="feedbackText" required></textarea><br>
    <button type="submit">Submit</button>
  </form>`;

document.getElementById("feedbackForm").addEventListener("submit", (e) =>
{ e.preventDefault();
  const feedback = document.getElementById("feedbackText").value;
  saveData("feedback", { feedback });
  alert("Thank you for your feedback!");
});
});
```

// Lost and Found

```
document.getElementById("lost-found").addEventListener("click", () =>
{ content.innerHTML = `
  <h2>Lost & Found</h2>
  <form id="lostFoundForm">
    <label>Item:</label>
    <input type="text" id="item" required><br>
    <label>Description:</label>
    <textarea id="itemDescription" required></textarea><br>
    <button type="submit">Submit</button>
  </form>`;

document.getElementById("lostFoundForm").addEventListener("submit", (e) =>
{
  e.preventDefault();
  const item = document.getElementById("item").value;
```

```
const description = document.getElementById("itemDescription").value;
saveData("lostFound", { item, description });
alert("Lost & Found item reported!");
});
});
```

```
// Save data to localStorage function
saveData(key, data) {
  const existingData = JSON.parse(localStorage.getItem(key)) || [];
  existingData.push(data);
  localStorage.setItem(key, JSON.stringify(existingData));
}
```