```html
<!DOCTYPE html>

<html lang="ar">

<head>

  <meta charset="UTF-8" />

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

  <title>Optimizing Airline Communication | SMS Manual Project</title>


  <style>

    body {

      font-family: 'Segoe UI', Tahoma, Arial, sans-serif;

      margin: 0;

      background: #f8fafc;

      color: #1f2937;

      line-height: 1.7;

    }


    header {

      background: linear-gradient(135deg, #0f172a, #1e40af);

      color: #fff;

      padding: 60px 20px;

      text-align: center;

      animation: fadeIn 1.2s ease;

    }


    header h1 {

      font-size: 2.3rem;

      margin-bottom: 10px;
```

```css
}

header p {
  font-size: 1.15rem;
  opacity: .9;
}

nav {
  background: #020617;
  padding: 12px;
  text-align: center;
  position: sticky;
  top: 0;
  z-index: 10;
}

nav a {
  color: #e5e7eb;
  margin: 0 12px;
  text-decoration: none;
  font-weight: 600;
}

nav a:hover {
  color: #60a5fa;
}
```

```css
section {

  padding: 70px 20px;

  max-width: 1100px;

  margin: auto;

}


h2 {

  color: #0f172a;

  font-size: 1.9rem;

  margin-bottom: 20px;

}


.card {

  background: #fff;

  padding: 30px;

  margin: 20px 0;

  border-radius: 22px;

  box-shadow: 0 15px 35px rgba(0,0,0,0.08);

  transition: transform .3s ease, box-shadow .3s ease;

}


.card:hover {

  transform: translateY(-6px);

  box-shadow: 0 20px 45px rgba(0,0,0,0.12);

}


.grid {
```

```css
  display: grid;

  grid-template-columns: repeat(auto-fit, minmax(220px, 1fr));

  gap: 22px;

}


.btn {

  display: inline-block;

  background: #1e40af;

  color: #fff;

  padding: 14px 26px;

  border-radius: 35px;

  text-decoration: none;

  font-weight: bold;

  transition: background .3s ease, transform .3s ease;

}


.btn:hover {

  background: #1d4ed8;

  transform: scale(1.05);

}


table {

  width: 100%;

  border-collapse: collapse;

  margin-top: 20px;

}
```

```css
table, th, td {

  border: 1px solid #e5e7eb;

}


th, td {

  padding: 14px;

  text-align: center;

}


th {

  background: #f1f5f9;

  font-weight: bold;

}


footer {

  background: #020617;

  color: #e5e7eb;

  text-align: center;

  padding: 35px 15px;

}


footer strong {

  display: block;

  margin-top: 12px;

  font-size: 1.05rem;

}
```

```
    @keyframes fadeIn {

      from { opacity: 0; transform: translateY(20px); }

      to { opacity: 1; transform: translateY(0); }

    }


    @media (max-width: 600px) {

      header h1 { font-size: 1.8rem; }

    }

  </style>

</head>


<body>


<header>

  <h1>Optimizing Airline Communication</h1>

  <p>Unified SMS Manual Framework for Airline Operations</p>

  <br>

  <a class="btn" href="Bedo.pdf" download>Download Project PDF</a>

</header>


<nav>

  <a href="#overview">Overview</a>

  <a href="#airlines">Airlines</a>

  <a href="#analysis">Comparison</a>

  <a href="#manual">SMS Manual</a>

  <a href="#tech">Architecture</a>

</nav>
```

```html
<section id="overview">

  <div class="card">

    <h2>Project Overview</h2>

    <p>

      This project analyzes SMS communication systems used by leading airlines

      and proposes a unified, efficient SMS manual to enhance passenger experience

      and operational efficiency.

    </p>

  </div>

</section>


<section id="airlines">

  <div class="card">

    <h2>Airlines Included</h2>

    <div class="grid">

      <div class="card">EgyptAir</div>

      <div class="card">Emirates Airlines</div>

      <div class="card">Qatar Airways</div>

      <div class="card">Saudi Airlines</div>

    </div>

  </div>

</section>


<section id="analysis">

  <div class="card">

    <h2>Comparative Analysis</h2>
```

```
<table>
  <tr>
    <th>Airline</th>
    <th>Message Timing</th>
    <th>Clarity</th>
    <th>Support Level</th>
  </tr>
  <tr>
    <td>EgyptAir</td>
    <td>Basic</td>
    <td>Limited</td>
    <td>Low</td>
  </tr>
  <tr>
    <td>Emirates</td>
    <td>Advanced</td>
    <td>Extensive</td>
    <td>High</td>
  </tr>
  <tr>
    <td>Qatar Airways</td>
    <td>Advanced</td>
    <td>Extensive</td>
    <td>High</td>
  </tr>
  <tr>
    <td>Saudi Airlines</td>
```

```
      <td>Moderate</td>

      <td>Moderate</td>

      <td>Medium</td>

    </tr>

   </table>

  </div>

 </section>


<section id="manual">

  <div class="card">

    <h2>Proposed Unified SMS Manual</h2>

    <ul>

      <li>Pre-flight booking confirmations and reminders</li>

      <li>Gate changes and delay notifications</li>

      <li>In-flight and boarding updates</li>

      <li>Post-flight baggage and feedback messages</li>

      <li>Multilingual & personalized SMS support</li>

    </ul>

  </div>

 </section>


<section id="tech">

  <div class="card">

    <h2>System Architecture & Technology</h2>

    <ul>

      <li>Frontend: React.js</li>

      <li>Backend: Node.js</li>
```

```html
        <li>Database: MongoDB</li>

        <li>SMS Gateway: Cloud-based (Twilio)</li>

        <li>Secure API Integration</li>

      </ul>

    </div>

</section>


<footer>

  <p>Designed & Developed By</p>

  <strong>

    محمد عثمان احمد<br>

    عبدالقادر مصطفى

  </strong>

  <p style="margin-top:15px;font-size:.9rem;">

    Academic Project – Interactive Web Presentation

  </p>

</footer>


</body>

</html>
```