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Lab#06

Prototyping

Activity 1: Issues-Evaluators Matrix Redesign

Objective:

Redesign the confusing graph (Issues-Evaluators Matrix) using an effective prototyping tool or method.

Redesign Idea:

A clean matrix-style table layout where:

- Rows = Evaluators (E1, E2, E3...)

- Columns = Identified Usability Issues (Issue 1, Issue 2...)

- Checkmarks (✔) indicate which evaluator found which issue.

Html Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <title>Issues-Evaluators Matrix</title>
```

```html
  <style>
    table {
      width: 60%;
      border-collapse: collapse;
      margin: 30px auto;
    }
    th, td {
      border: 1px solid #999;
      padding: 10px;
      text-align: center;
    }
    th {
      background-color: #4CAF50;
      color: white;
    }
    td.check {
      background-color: #c8e6c9;
    }
  </style>
</head>
<body>
  <h2 style="text-align:center;">Issues-Evaluators Matrix</h2>
  <table>
    <tr>
      <th>Evaluator</th>
      <th>Issue 1</th>
      <th>Issue 2</th>
      <th>Issue 3</th>
```

```html
      <th>Issue 4</th>
    </tr>
    <tr>
      <td>Evaluator 1</td>
      <td class="check">✓</td>
      <td></td>
      <td class="check">✓</td>
      <td></td>
    </tr>
    <tr>
      <td>Evaluator 2</td>
      <td></td>
      <td class="check">✓</td>
      <td class="check">✓</td>
      <td class="check">✓</td>
    </tr>
    <tr>
      <td>Evaluator 3</td>
      <td class="check">✓</td>
      <td></td>
      <td></td>
      <td></td>
    </tr>
  </table>
</body>
</html>
```

Inteface:

Activity 2: Redesigned Chat Window

Step 1: Existing Chat Window Issues

- Outdated UI style.

- No dark mode.

- No emoji reactions.

- No media/file sharing.

- No voice input.

- No read receipts or typing indicators.

Step 2: Redesign Goals

- Improve usability, accessibility, and aesthetics.

- Add:

- Dark/Light Mode toggle
- Emoji support
- Read Receipts
- Voice-to-text input
- File sharing
- Typing status
- Custom themes

Html Code:

```html
<!DOCTYPE html>

<html lang="en">

<head>

 <meta charset="UTF-8">

 <title>Redesigned Chat Window</title>

 <style>

  body {

    font-family: Arial, sans-serif;

    background-color: #121212;

    color: #f5f5f5;

    margin: 0;

    padding: 0;

  }

  .chat-container {

    max-width: 500px;

    margin: 40px auto;

    border: 1px solid #333;

    border-radius: 8px;

    background-color: #1e1e1e;
```

```css
  overflow: hidden;

}

.chat-header {

  background-color: #2c2c2c;

  padding: 15px;

  font-size: 18px;

  display: flex;

  justify-content: space-between;

}

.chat-area {

  height: 300px;

  overflow-y: auto;

  padding: 10px;

  background-color: #1e1e1e;

  border-top: 1px solid #333;

  border-bottom: 1px solid #333;

}

.message {

  margin-bottom: 12px;

}

.message.user {

  text-align: right;

  color: #a7ffeb;

}

.message.friend {

  text-align: left;

  color: #fff59d;

}
```

```css
.chat-input {
  display: flex;
  align-items: center;
  padding: 10px;
  background-color: #2c2c2c;
}
.chat-input input {
  flex: 1;
  padding: 10px;
  border-radius: 4px;
  border: none;
  background-color: #333;
  color: #fff;
}
.chat-input button, .chat-input span {
  margin-left: 10px;
  background-color: #4caf50;
  border: none;
  padding: 10px;
  border-radius: 4px;
  cursor: pointer;
  color: #fff;
}
.chat-footer {
  padding: 10px;
  text-align: center;
  background-color: #2c2c2c;
}
```
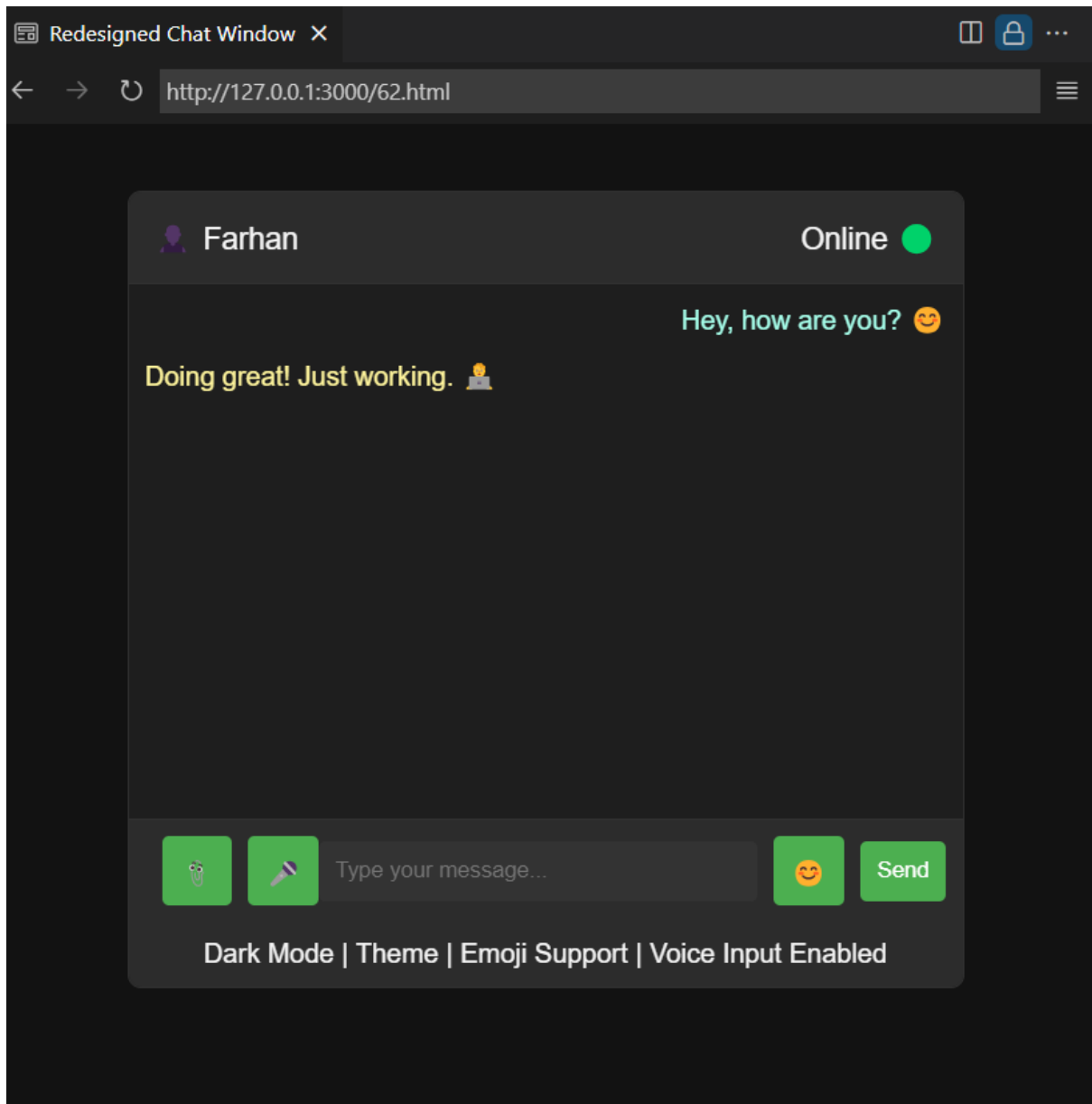
```html
    </style>
  </head>
  <body>
    <div class="chat-container">
      <div class="chat-header">
        <div>👤 Friend</div>
        <div>Online 🟢</div>
      </div>
      <div class="chat-area">
        <div class="message user">Hey, how are you? 😊</div>
        <div class="message friend">Doing great! Just working. 👨‍💻</div>
      </div>
      <div class="chat-input">
        <span>📎</span>
        <span>🎤</span>
        <input type="text" placeholder="Type your message...">
        <span>😊</span>
        <button>Send</button>
      </div>
      <div class="chat-footer">
        Dark Mode | Theme | Emoji Support | Voice Input Enabled
      </div>
    </div>
  </body>
</html>
```

Interface:

THE END