GABRIEL'S MATH TEST PAGE

The goal of this feature was to rebuild a clean and functional "Math Test" page based on a specific visual layout. I focused on keeping the entire logic and layout inside one file (EstimateLineDetails.tsx) to avoid impacting other parts of the app.

Steps

1. I recreated the layout from scratch using the screenshot as a visual reference.

2. I used a flexbox layout to split the page horizontally into two main sections: left for Estimate Lines and right for all calculations.

3. I created clear visual blocks for Estimate Questions, COCALC and MASTCALC Calculations, MREQ Calculations, and Allowance Calculations.

4. Tables were manually coded for Estimate Lines and Estimate Assemblies with headers and basic styling.

5. Assembly Materials were placed in a fixed grid with two rows and eight columns to ensure they fit within screen margins.

6. I used consistent background colors and borders to visually separate each section.

7. I minimized font sizes and adjusted container widths to ensure the content fits on screen at 100% zoom.

8. I added a "Calculate" button to the Estimate Questions section.

9. I made sure the layout does not overflow the page and that all elements are self-contained.

Structure Template

Main Page Container

```
<div style={{ display: "flex", flexDirection: "row" }}>
```

```
  <div style={{ width: "30%" }}> Left Column </div>
  <div style={{ width: "70%" }}> Right Column </div>
</div>
```

Section Block Format

```
<div style={{ backgroundColor: "#fff", border: "1px solid #ddd", padding: "1rem",
marginBottom: "1rem" }}>
  <h3>Section Title</h3>
</div>
```

Two Columns Side by Side

```
<div style={{ display: "flex", gap: "1rem" }}>
  <div style={{ flex: 1 }}> Left Side </div>
  <div style={{ flex: 1 }}> Right Side </div>
</div>
```

Table Layout

```
<table style={{ width: "100%", borderCollapse: "collapse" }}>
  <thead>
    <tr><th>Header</th></tr>
  </thead>
  <tbody>
    <tr><td>Row</td></tr>
  </tbody>
</table>
```

Assembly Materials Grid

```
<div style={{ display: "grid", gridTemplateColumns: "repeat(8, 1fr)", gap: "0.5rem" }}>
  <div style={{ border: "1px solid #ccc", padding: "0.5rem" }}>Material</div>
</div>
```

Form Row with Label and Input

```
<div style={{ display: "flex", marginBottom: "0.5rem" }}>
```

```
  <label style={{ flex: "0 0 200px" }}>Label</label>
  <input style={{ flex: 1 }} />
</div>
```

Button Style

```
<button style={{ backgroundColor: "#007bff", color: "#fff", padding: "0.5rem 1rem",
borderRadius: "4px" }}>
  Calculate
</button>
```

Styling Patterns

- Backgrounds: Alternating white #ffffff and light gray #f7f7f7

- Borders: 1px solid #ddd or #ccc used for clean separation

- Font size: Reduced to 13–14px to fit more content per screen

- Assembly Materials: Grid of 2 rows by 8 columns with uniform size

- Buttons: Standard blue background, white text, rounded edges

- Margins and padding: Used to space sections evenly

- Layout: maxWidth: 1980px and margin: auto to keep layout centered