CSS Styling Guide (with Tailwind CSS)

Introduction to Tailwind CSS in Our Application

Tailwind CSS is a utility-first framework where styling is applied directly within HTML (or JSX) using pre-defined classes.

Why Tailwind CSS?

- Rapid development

- Consistent design system

- Highly customizable

- Smaller CSS bundles via purge

- Responsive design built in

How We Use Tailwind:

We include Tailwind via a CDN in the head of our HTML file and use utility classes in our JSX.

Common Classes:

- Layout: `flex`, `grid`, `p-6`

- Typography: `text-xl`, `font-bold`

- Colors: `bg-black`, `text-white`

- Borders: `rounded-lg`, `shadow-xl`

- Transitions: `hover:bg-blue-700`, `transition-colors`

Example:

```
<button className="bg-blue-500 hover:bg-blue-600 px-4 py-2">Click Me</button>
```

We also include custom animations in the style block of the HTML for effects like `bounce`, `glitch`, and `rotate3d`.