INTRODUCTION

NEXT.JS

PAGE.TSX AND LAYOUT.TSX

TSX file is commonly associated with TypeScript files that contain React code. TypeScript is a superset of JavaScript that adds static typing to the language, and React is a JavaScript library for building user interfaces. When working with React and TypeScript together, developers often use the ".tsx" extension for their files to indicate that they contain both TypeScript and JSX (React's syntax extension for JavaScript).

In Next.js, a layout.tsx file is used to define a UI that is shared across multiple pages. The layout component in the file accepts a children prop, which is populated with the content of the child page during rendering. This allows the child page to become part of the layout, and a consistent UI can be designed around it.

LINK TAG

- The <LINK> tag defines the relationship between the current document and an external resource. The <LINK> tag is most often used to link to external style sheets or to add a favicon to your website. The <LINK> element is an empty element, it contains attributes only.

COMPONENTS AND CSS

➢ **Every React. js component acts separately, so you can change one section of the app without needing to update everything. This also means you can use the same component in each area of the app and change the individual pieces. There's less to update, so it makes the entire process far more efficient.**

➢ Add global styles to your application by navigating to /app/layout.tsx and importing the global.css file

• *TAILWIND CSS AND STANDARD CSS*

◦ Tailwind CSS is a utility-first CSS framework used for building UI components. Tailwind provides low-level utility classes that you can combine to build custom designs directly in your HTML. This approach promotes flexibility and efficiency, allowing developers to create responsive websites without writing custom CSS. Tailwind CSS streamlines the design process by offering a comprehensive set of pre-defined classes for layout, spacing, typography, and more.

Cascading Style Sheets (CSS) is a style sheet language used for specifying the presentation and styling of a document written in a markup language such as HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.``