A typical Vite React project follows a clear and logical folder structure to organize the application's code and assets.

Core Folders:

* node\_modules/:

Contains all installed project dependencies and third-party libraries. This folder is automatically managed by npm or yarn.

* public/:

Houses static assets that are served directly by the web server, such as index.html, favicon.ico, and other static files like images or fonts.

* src/:

The main source code directory where all your React components, styling, and application logic reside. This is the primary development area.

Key Files within src/:

* main.jsx (or main.tsx):

The entry point of your React application. It's responsible for rendering the root React component (usually App) and mounting it to the DOM.

* App.jsx (or App.tsx):

The main application component, often serving as the top-level container for your other components and routes.

Common Subfolders within src/:

* components/:

Stores reusable UI components (e.g., buttons, modals, cards) that can be used across different parts of your application.

* assets/:

Contains static assets like images, icons, or other media files that are imported and used within your JavaScript files.

* styles/:

Holds your CSS, Sass, or other styling files, providing a dedicated place for managing your application's visual presentation.

* pages/ (or views/):

If your application has multiple distinct pages or views, this folder organizes the components that represent each page.

* hooks/:

Stores custom React hooks that encapsulate reusable logic.

* utils/:

Contains utility functions or helper modules that provide general-purpose functionality.

Root-level Files:

* package.json:

Defines project metadata, scripts, and lists all project dependencies.

* vite.config.js (or vite.config.ts):

The configuration file for Vite, where you can customize build options, plugins, and other development settings.

* .gitignore:

Specifies files and directories that should be ignored by Git version control.

* README.md:

Provides essential project information, setup instructions, and usage guidelines.