**Commands Explained**

1. **npm create vite**:
   * This creates a new project with Vite.
   * It will prompt you to choose a project name, a Framework (e.g., Vanilla, Vue, React, Preact, Lit, Svelte, Solid, Qwik, Angular, etc.) and a variant (TypeScript, TypeScript + SWC, JavaScript, JavaScript + SWC, React Router v7)
2. **cd app**:
   * Navigates into the newly created app directory (or the project directory name you chose).
3. **npm install**:
   * Installs the required dependencies listed in the package.json file.
4. **npx vite build**:
   * Builds the application for production. It optimizes the app and creates a dist folder with static files for deployment.
5. **npm run dev**:
   * Starts a development server, allowing you to test and view your application at http://localhost:5173 (default Vite dev server port).

**Folder and File Details:**

1. **node\_modules**:
   * Contains all installed npm dependencies for your project. These packages are essential for running and building your app.
   * This folder is auto-generated during npm install.
2. **public**:
   * Contains static assets like images, fonts, or icons that are served as-is.
   * Files in this folder are not processed by Vite and are directly accessible via /.
3. **src**:
   * This is the main folder where you write your application code.
   * Contains subfolders and files:
     + **assets**:
       - For storing static assets (images, videos, or other resources used in your app).
     + **components**:
       - A place to organize reusable React components.
     + **App.jsx**:
       - The main component of your React app. It usually contains the structure and routing logic.
     + **App.css**:
       - Contains styles for the App.jsx component.
     + **main.jsx**:
       - The entry point for the app. It renders the App component into the root HTML element using React's ReactDOM.render or createRoot.
     + **index.css**:
       - Global styles for your application.
4. **.gitignore**:
   * Specifies intentionally untracked files that Git should ignore, like node\_modules and build files.
5. **index.html**:
   * The entry HTML file for the app.
   * Contains a <div id="root"></div> where your React app gets mounted.
6. **package.json**:
   * Holds metadata about your project, like its name, version, dependencies, and scripts (e.g., dev, build).
7. **vite.config.js**:
   * Configuration file for Vite.
   * Used for customizing the development server, build process, or adding plugins.
8. **README.md**:
   * A markdown file for project documentation. Useful for describing the project, installation steps, and usage instructions.