Professional React Project Setup with Vite

Step 1: Create a new React project with Vite

Run the following command to create a new Vite project named 'nextbuy'. Vite provides a fast development environment with optimized builds.

```
Command(s):
npm create vite@latest nextbuy
```

Step 2: Navigate to the project folder & install dependencies

Move into the project directory and install the default dependencies using npm.

```
Command(s):
cd nextbuy
npm install
```

Step 3: Install Tailwind CSS with Vite plugin

Tailwind CSS provides utility-first styling. Install Tailwind and configure it with Vite.

```
Command(s):
npm install tailwindcss @tailwindcss/vite
```

Step 4: Configure Tailwind in vite.config.js

Update vite.config.js to include the Tailwind plugin. This ensures Tailwind classes work in your project.

```
Command(s):
Add the Tailwind plugin in vite.config.js
```

Step 5: Install Tailwind pre-defined components

To speed up UI development, install Headless UI (for accessible components) and Heroicons (for SVG icons).

```
Command(s):
npm install @headlessui/react
npm install @heroicons/react
```

Step 6: Install React Router

React Router allows navigation between multiple pages in your React app.

```
Command(s):
npm install react-router-dom
```

Step 7: Install Redux Toolkit & React Redux

Redux Toolkit simplifies state management in React. React Redux is the official bindings for Redux.

```
Command(s):
npm install @reduxjs/toolkit react-redux
```

Step 8: Install FontAwesome for icons

FontAwesome provides a wide variety of pre-built icons. Install it as a dev dependency.

```
Command(s):
npm install --save-dev @fortawesome/fontawesome-free

Then, import it in app.jsx:
import '@fortawesome/fontawesome-free/css/all.min.css';
```