useCallback and useMemo A promise-based HTTP client for making API requests Example: Fetching data from the server. A library for managing form state and validation in React applications. Example: Building forms for creating/editing blog posts. A JavaScript schema builder for validation. Used in conjunction with Formik for form validation. npm install yup React Helmet: Allows manipulation of document head elements. Example: Dynamically updating the document title and meta tags. npm install react-helmet-async Tailwind App Component: Frontend System requirments The top-level component that serves as the entry point for your application. Backend System Requirement Bloggging webApp Manages the overall structure and layout of the application. Handles routing to different pages. Header Component: Displays the application header, including the logo and navigation links. Provides navigation to different sections of the application. Footer Component: Displays the footer section with relevant links and information. Home Component: The landing page of the application. Shows a list of featured or latest blog posts. May include sections for popular categories or tags. Blog List Component: Renders a list of blog posts. Allows sorting and filtering based on categories, tags, and date. Blog Post Component: Displays the content of a single blog post. Includes the title, author, publication date, and the actual blog content. Allows users to like, comment, and share the post User Profile Component: Shows the user's profile information. Displays the user's published blog posts and comments. Component Required Create/Edit Blog Post Component: Provides a form for users to create a new blog post or edit an existing one. Includes fields for the title, content, tags, and category. Login Component: Allows users to log in to their accounts. Authentication Components: Signup Component: Allows new users to create accounts. Logout Component: Allows users to log out. Comment Section Component: Displays comments for a particular blog post. Allows users to add new comments, reply to existing comments, and upvote/downvote comments. Error Component: Displays error messages to users when an operation fails. Provides feedback and guidance on how to proceed. Notification Component: Displays notifications for successful operations or alerts for errors. Provides feedback to the user on their actions.