BitForge Documentation

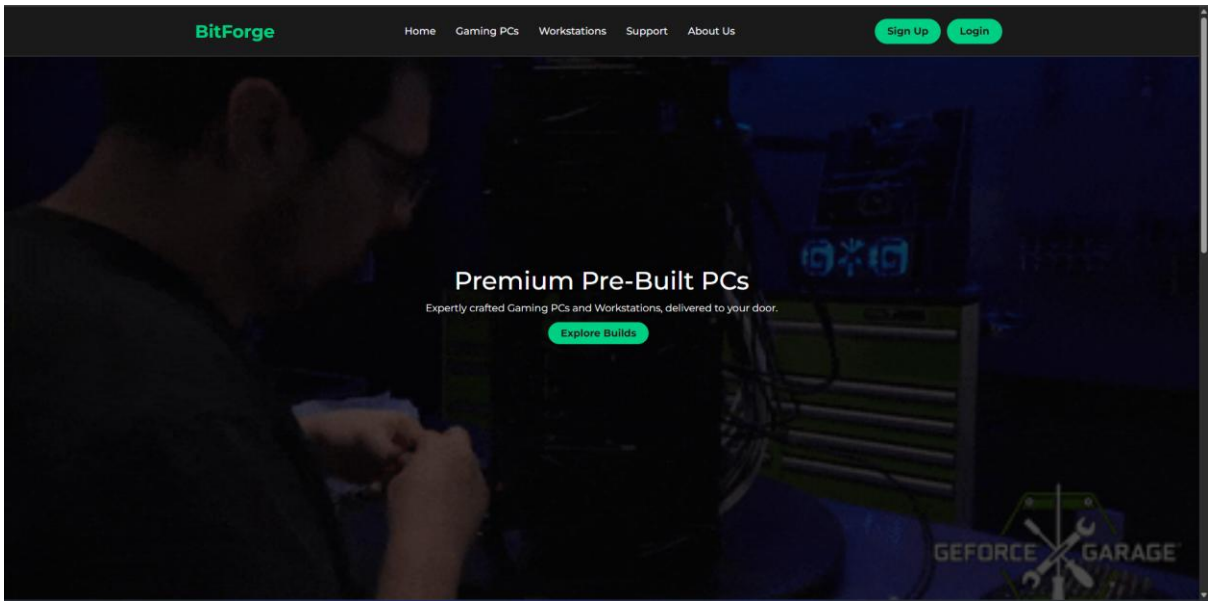
project by Judson Rafferty Moniaga

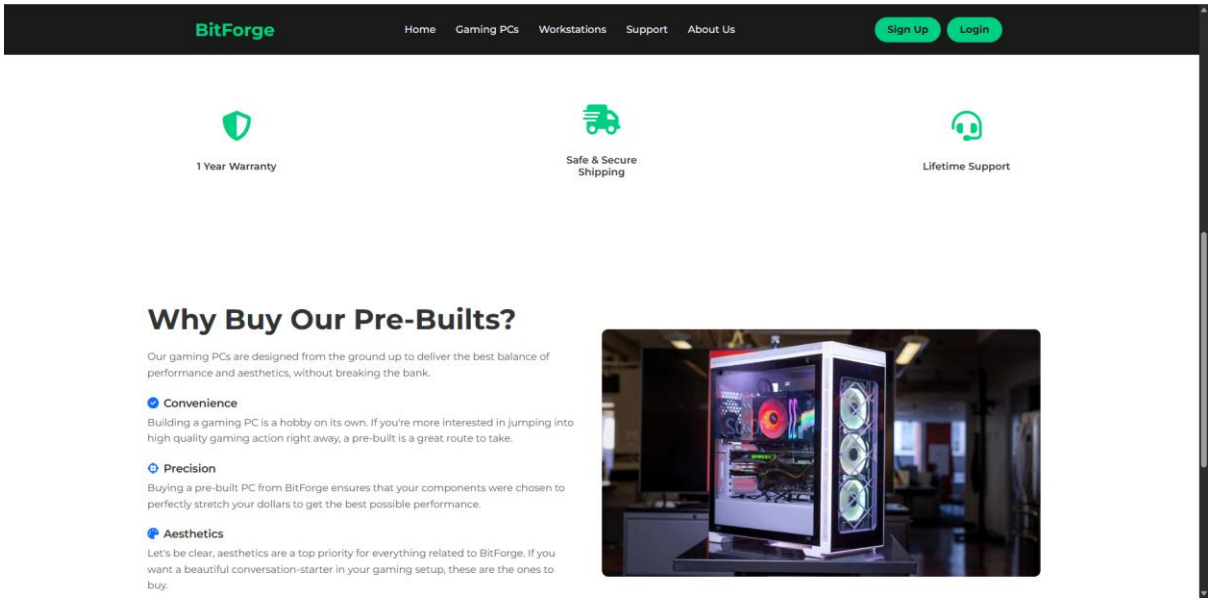
Technologies used: HTML, CSS, JavaScript, Node.JS, Express.js, MySQL, Socket.IO

Welcome to the BitForge project! This is a dynamic, multi-page website for a fictional company that sells pre-built gaming PCs and professional workstations. The site is designed to be modern, user-friendly, and fully interactive, featuring a working frontend user interface and a backend server for user login/signup feature.
Features:

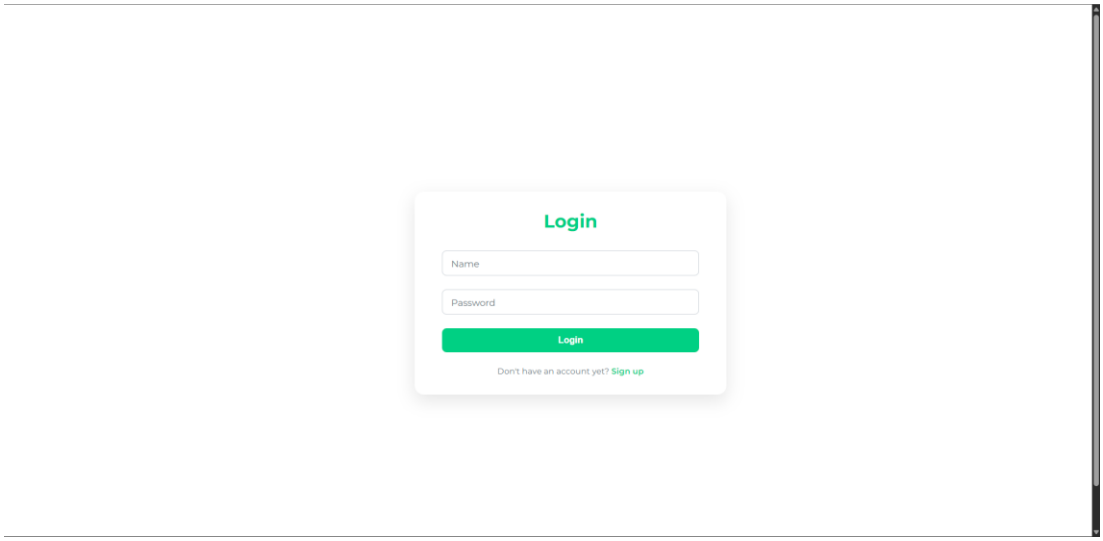
- User Authentication: Secure sign-up and login system for users to manage their accounts, handled by a Node.js backend.
- Real-Time Chat: A live chat feature built with Socket.IO for instant user-to-user or user-to-support communication.
- Dynamic Product Catalog: A home page that showcases various pre-built PCs, categorized for easy browsing (Budget, Mid-Range, High-End, Workstations).
- Product Detail Pages: Each PC has its own dedicated page with a detailed parts list, image gallery, and pricing.
- Interactive Shopping Cart: Users can add items to their cart, view the contents, update quantities, and remove items. All cart data is saved locally in the browser.
- User Profiles: A dedicated profile page where users can view their information and order history.
- Functional Product search bar: working search on the home page to find specific products based on name.

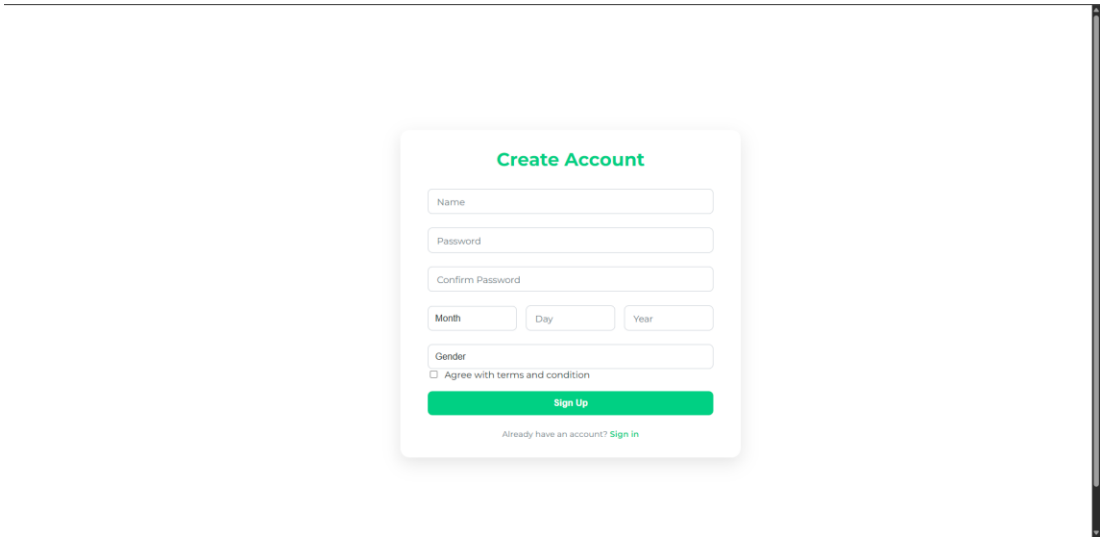
Landing Page:



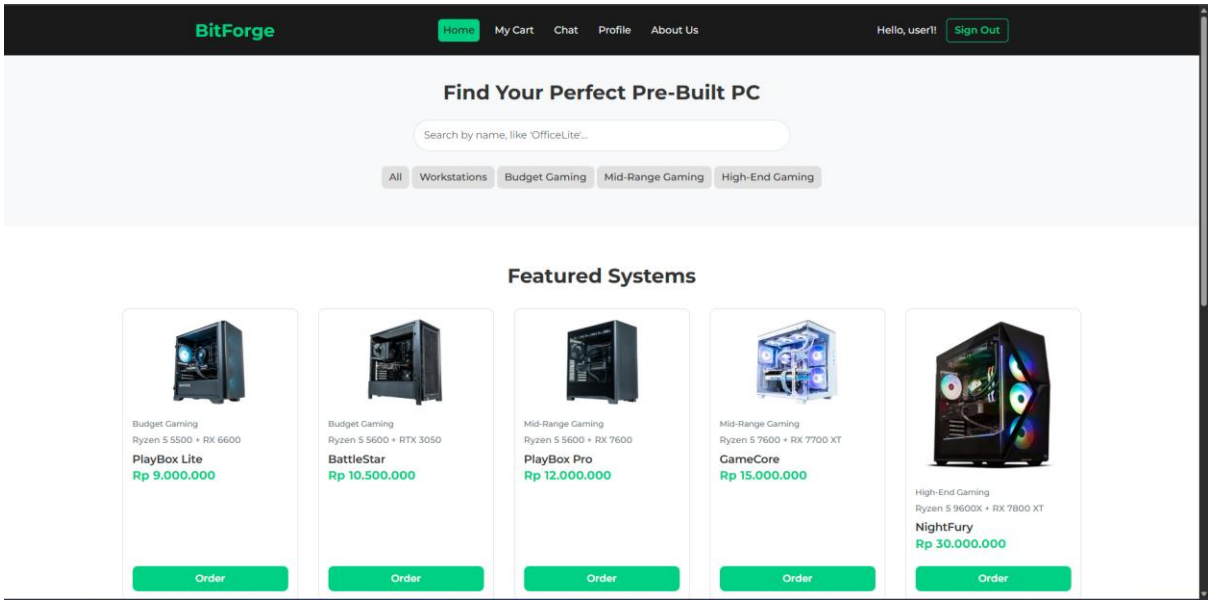


Login and Signup:

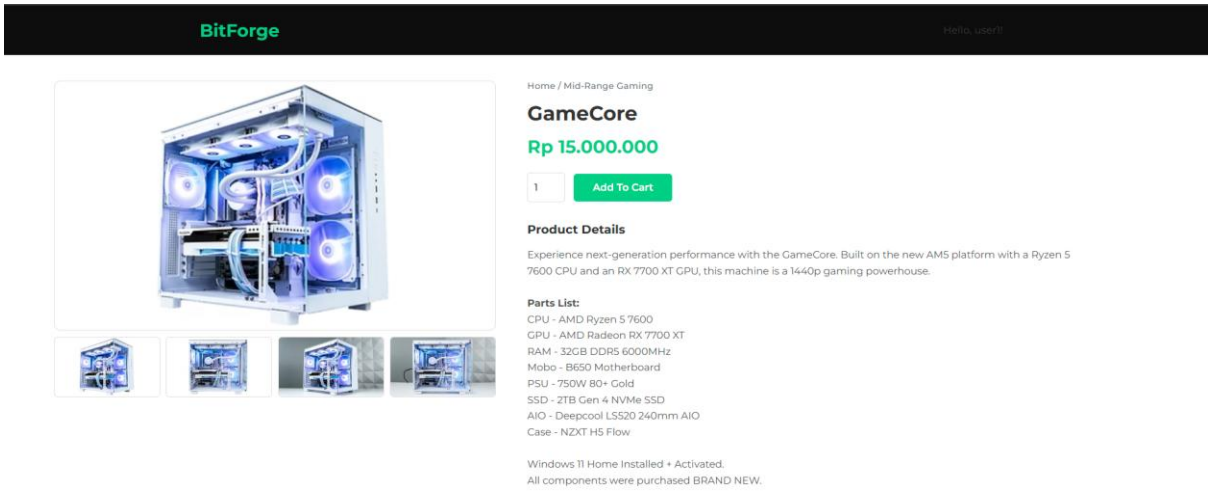




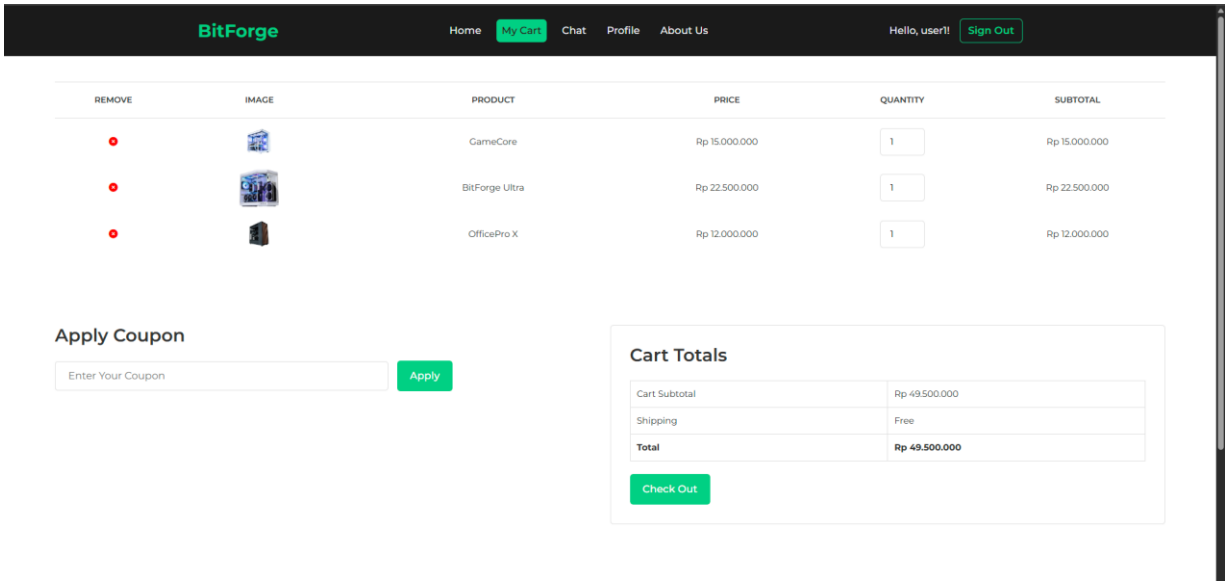
Home Page:



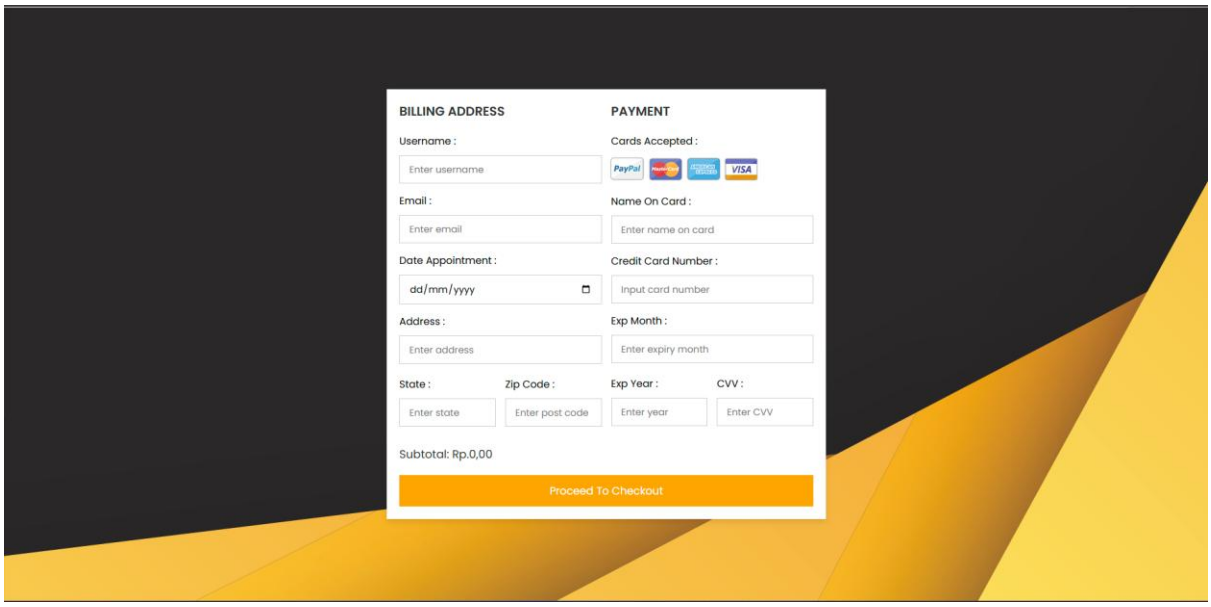
Product Details Page:



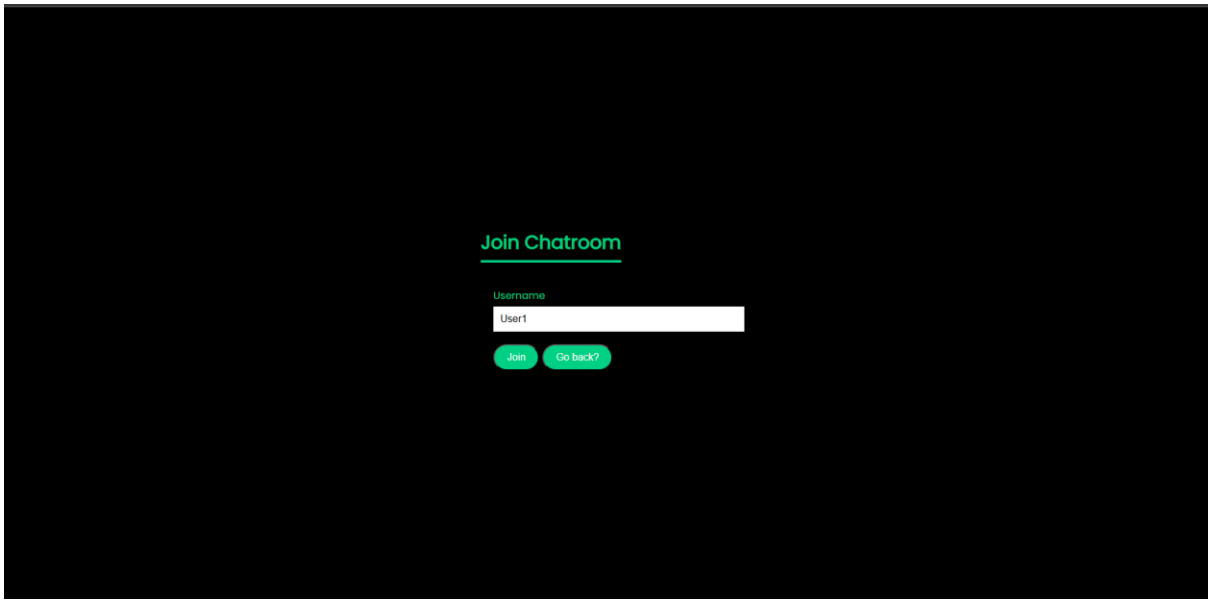
My Cart Page:

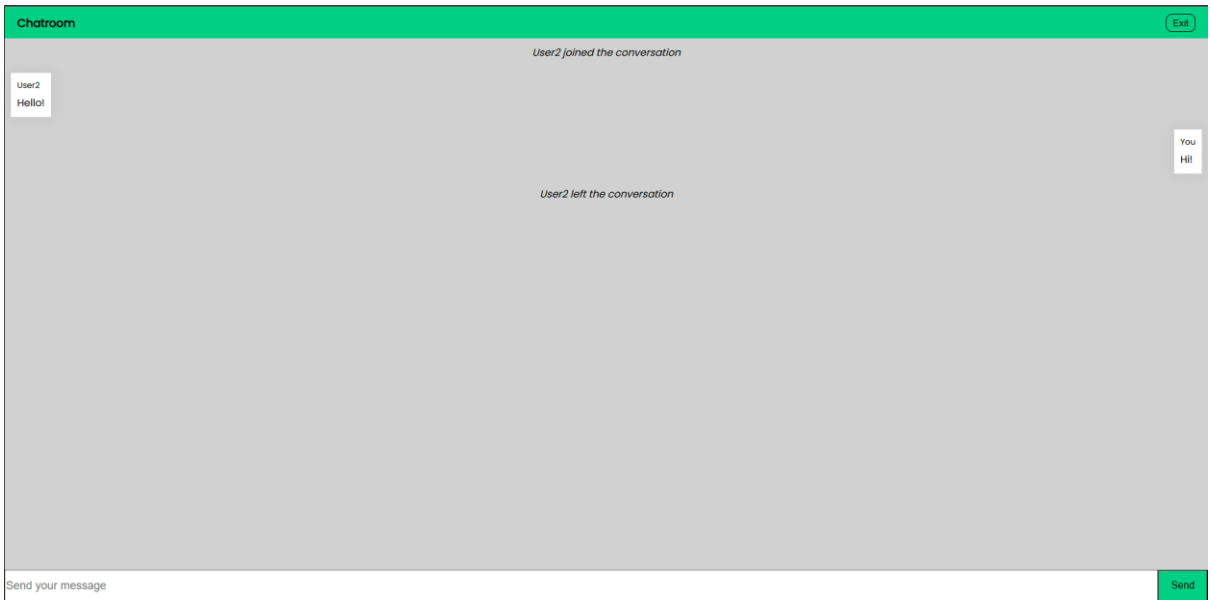


Payment page:

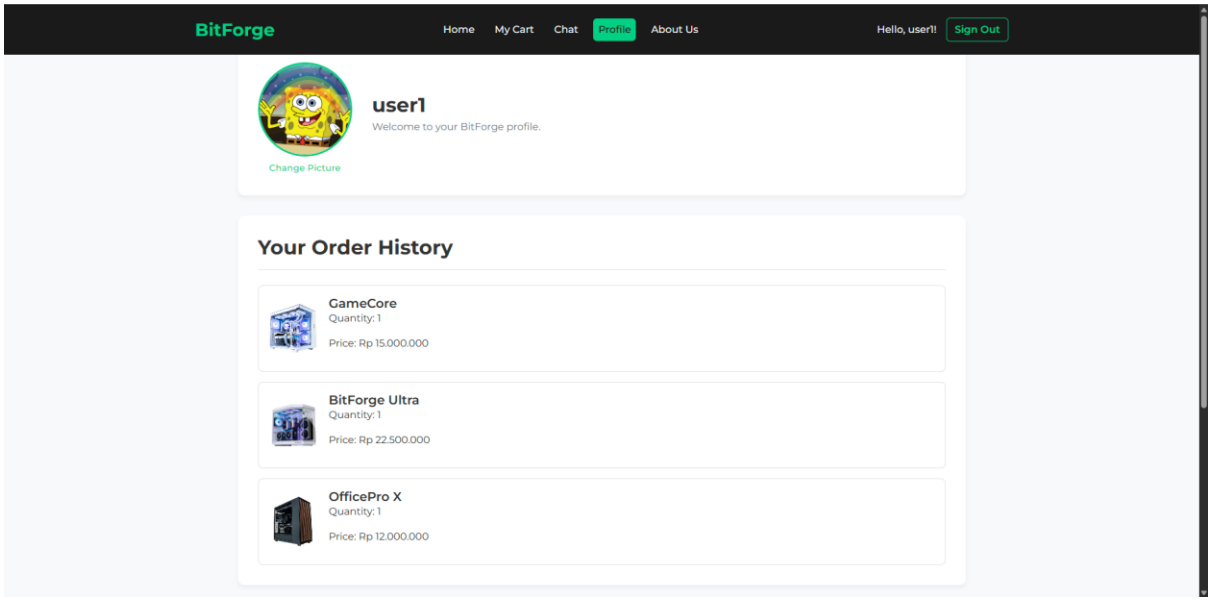
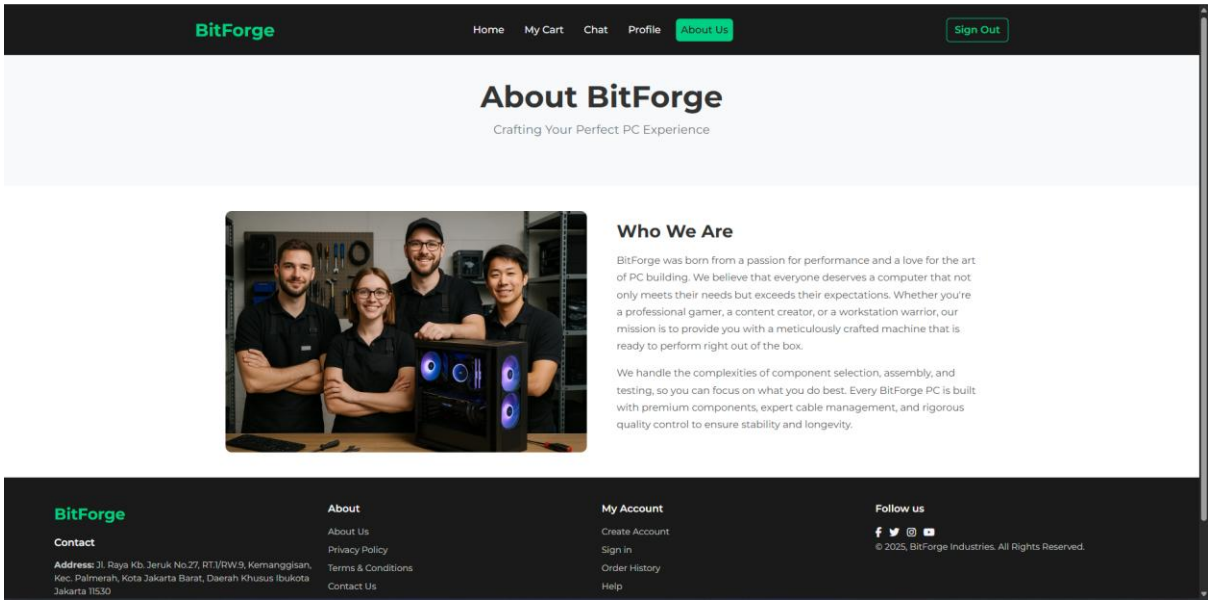


Chatroom:





Profile page:



About Us page: