**Task Description:**Your task is to create a real-time online marketplace where users can list items for sale, buy items from other users, and engage in real-time auctions for unique items. The application should use React.js for the front-end and Express.js for the back-end, with WebSocket communication for real-time updates during auctions. Users should be able to register, list items, place bids, and conduct transactions.

**Requirements:**

1. **Front-end (React.js):**
   * Design a user-friendly interface where users can browse, search for, and view items for sale.
   * Allow users to register, create profiles, and manage their listings.
   * Implement a real-time auction system where users can place bids on items, see current bid amounts, and receive updates in real-time.
   * Create a transaction management system for completing purchases.
2. **Back-end (Express.js):**
   * Develop an Express.js server that handles WebSocket communication for real-time auctions and chat.
   * Create RESTful APIs for user registration, item listing, bidding, and transaction management.
   * Implement user authentication and authorization using JWT.
   * Store user data, item listings, auction data, and transaction history in a database (e.g., MongoDB).
   * Ensure proper error handling and validation for API requests.