Auction Bidding System

Introduction

The **Auction Bidding System** is a platform that allows users to bid on items, sell items, and manage bids. It consists of three user roles: **Admin**, **Bidder**, and **Seller**.

- **Admin** has full control over the platform, including managing users (bidders and sellers) and approving bids.
- **Bidders** can place bids on available items and receive notifications on bidding status.
- **Sellers** can add new items to be auctioned.

Features

- **Admin**:
    - Approve bids placed by bidders.
    - Manage items (CRUD operations).
    - Manage bidders (CRUD operations).
- **Bidder**:
    - Place bids on items.
    - Receive notifications when a bid is accepted or rejected.
- **Seller**:
    - Add new items to the auction.
    - Receive notifications about his item if bidded or not

Tech Stack

- **Frontend**: React.js
- **Backend**: Spring Boot
- **Database**: PostgreSQL
- **Notification System**: real-time notifications, WebSockets