**Online Bidding and Sales System**

**Introduction:**

The project titled “Online Bidding and Sales System” is a web-based application. The admin user can post multiple products with initial price details and activate the product. Once the product is active, customers can bid for the product. Admin and view the bidding and select the customer to sell the product.

**Functional Requirements:**

* **Admin User:**
  + Create, update, and delete product information.
  + Activate the product to display with initial prices.
  + View customer bidding on a specific product.
  + Approve the customer bid for product to Sell.
* **Customer:**
  + View all the active products listed for bidding.
  + Create Bidding for a product.
  + View all the purchased products.

**Tools and Technologies to be used:**

Languages and Frameworks: Java 17, Spring core, Spring MVC

Frontend: HTML, CSS, Java script

Platform: Eclipse / IntelliJ

Web servers: Tomcat

Database: My SQL

Version control: Git, GitHub

**Solution:**

Based on the problem statement, I have created a web application with all functional requirements as follows.

**Roles:**

* Admin
* Customer

**Functionalities:**

**Admin**

Can Login

Can Add new Products with the details.

Can view the all the Products

Can Edit and Update the Products

Can make the products to active status

Can view the bided products by the customers

Can Accept or reject the customer Bided Products for purchase for that particular customer

Can view the orders of the customers who has paid

**Customer**

Can Login

Can view the all the Products whose status are in active

Can send a bid amount for a specific Product

Can view the list of bid accepted products which he has bided

Can view the list of bid not accepted products which he has bided

Can able to purchase the products which have been accepted by admin

Can able to view the purchased details of him