

# **PROJECT PROPOSAL**

## **Team**

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## **Title**

**Sell-Fort (Sell with Comfort!!)**

## **Actors**

Seller, Buyer, Admin

## **Description**

Designing an Object Oriented java application using which sellers can find buyers and vice versa. Sellers will post their used products with a desirable cost, buyers will then have the ability to put a bid on the products. Based on the highest bid, the product will be sold to the respective buyer. Any user logged in to the application can either be a seller or a buyer.

## **Functionality**

### **Buyer Functionalities**

- User Creation
- User Login
- View Categories (Like Furniture's, Utensils etc..)
- Filtering of products
- Like and add to wish list
- Send/Receive custom messages (through email and our application)
- View seller information
- Send the bid information
- Notification that you have won the bid
- Buy the product (Click on the Buy option to ensure that buyer has bought the product)

### **Seller Functionalities**

- Add an item to the categories with pictures
- Post the item with the desired minimum rate
- Post the bid

- When buyer bids for the item the seller should be notified through e-mail and application
- View buyer information
- Select the winner of the bid
- Send/Receive custom messages to the Buyer
- If the item is bought then seller should notify the application that item is sold

#### **Admin Functionalities**

- Monitor users
- Block/Unblock any user account

#### **Stretch Functionalities**

- Implement chat interface between user and the seller
- Seller can post jobs with requirements and buyer can apply for it.
- Implementing Barter system i.e., seller and buyer can exchange products if they agree upon it.