# User stories

1. As a clerk, I want to auction an item so that I can sell it.
2. As a clerk, I want to specify a purchase price for the item before the bidding starts so that the item can be bought before the auction starts.
3. As a clerk, I want to set a starting price at the beginning of the auction so that bidding amounts start from it.
4. As a clerk, I want to set a timer for the auction to take place in a fixed period.
5. As a clerk, I want to set a minimum bidding amount so that the bidding can grow exponentially.
6. As a clerk, I want to sell the item to the highest bidder.
7. As a clerk, I want the system to create “robot bidders” in case there is only one human bidder so that the auction can take place even with just one human bidder.
8. As a clerk, I want the “robot bidders” to have a cooldown between their bids so that they don’t overlap, and the human can have time to bid.
9. As a clerk, I want the system to create “robot bidders” to bid against each other so that the auction can take place even without human bidders.
10. As a clerk, I want to have confirmation that all bidders are of legal age so that the auction can take place.
11. As a clerk, I want the bidders to input a username so that I can differentiate between bidders.

# Non-functional requirement

1. The usernames and the bid amount will be stored as temporary variables for each auction. (+ design)
2. The system will use Java 8 and JavaFX. (+ implementation)
3. The auction will stop when the timer ends. (performance)