Name : Making a bid

Primary actor(s) : User/s, A.I.

Stakeholders and Interests : Players/ Users : Making a bid to move the robot

Preconditions :

1. Time is set to one minute.

2. The player has already selected complex or simple level.

Post-conditions : Bid has been made.

Main Success scenario:

1. The system displays bid button along with other buttons on the screen.
2. The player clicks on bid button.
3. The system displays a window for a player to enter a bid.
4. The player enters the bid.
5. The system reads the bid to ensure that the latter bids which will be made by other players are lower than the recorded bid. (Automatically generates for other players for now).
6. The system starts to count down from 60 seconds.
7. Other players makes lower bids until time is over (Here, for now, bids are randomly generated.). [Alternative flow]
8. The system displays the bids made by players so far.
9. The system records and displays bids made by each player when the countdown is over then bids are made.

Alternative flow: The User/AI fails to make lower bids

1. The system rejects the bid.
2. The system informs the user.
3. Back to step 5.

Open Issue:
1. We do not have 4 human players yet, so some bids are generated automatically.

Special Requirement:
1. After the player enters the bid, the user has to close the window where the bid is entered, as it does not automatically close when the time is over.