

Client

1. Client pushes the "Place Bid" button on the form which **sends** the input data to the verify method in the form
2. The verify method within the form compares the input bid on the selected product and **sends** the bid number and product to the controller.
3. The controller **creates** a message containing the product's name and the new bid number. The message should be **serialized** using JSON
4. The controller **sends** the serialized message to the server using websockets
11. The client controller **recieves** the message from the server
12. The client controller **deserializes** the message, confirms message type, and fills a new product list with the contents
13. The controller **replaces** its' product list with the new product list
14. The form registers a change in the product list using an event listener and **refreshes** its contents

Server

5. Server **recieves** message from client using websockets
6. The server controller **deserializes** the message and confirms message type
7. The server controller **reads** product name and bid amount
8. Server controller **updates** highest bid on given product in the library
9. Controller **creates** a message containing the product list. The message should be **serialized** using JSON
10. The controller **sends** the serialized message to the clients using websockets