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Setup Changes:

1. Steps to follow other than those mentioned in given readme

```
#include_dir  
listener 1883  
listener 8080  
protocol websockets  
allow_anonymous true  
connection_messages true
```

- a.
 - i. Add these changes in mosquitto.conf (Configuration files) and run mosquitto command "mosquitto -c mosquitto.conf -v"
 - ii. This will start mqtt listening to websockets
2. Remaining procedure is straight forward as mentioned in readme.

Code Changes:

1. I have made one change in server_emulator.py

```
def confirm_pick():  
    pick_dump = open("./pick.json", 'r')  
    data = json.load(pick_dump)  
    confirm_data = request.get_json()  
    if str(confirm_data["location"]) in data.keys():  
        location = confirm_data["location"]  
        for pick in data[str(location)]:  
            if pick["check_digit"] == confirm_data["check_digit"] and pick["order_id"]  
                response = {  
                    "error": False,  
                    "error_code": 0,  
                    "message": "Success",  
                    "confirmed_qty": confirm_data["confirmed_qty"]  
                }  
                return jsonify(response), 200  
        response = {  
            "error": True,  
            "error_code": 2,  
            "message": "Wrong check_digit or order_id",  
        }  
    }
```

- a.
 - i. Took error_code 2 response out of for loop.
2. Most of the functionality is implemented in the script.js file.

Some improvement or rectifications and comments:

1. Tasks list is sometimes showing duplicates in the list. (Tried debugging it but couldn't complete it due to time limit)
2. UI can be improved.
3. Backend tasks are completed with full functionality.

Working recording: Google drive link

<https://drive.google.com/file/d/1YKrTh0lfbWQmfecuoAeDOkpAgICeyWCI/view?usp=sharing>