

User Manual

1. Create an anaconda virtual environment.

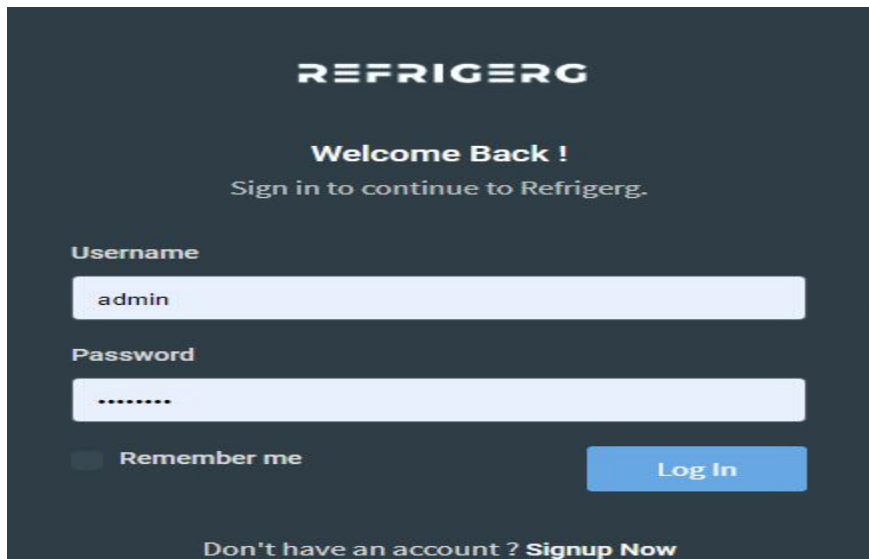
```
C:\> conda create -n tensorflow1 pip python=3.5
```

2. Activate the environment and install the required packages from **requirements.txt** file located in **/User Manual** folder.
3. Run the '**Object_detection_webcam4.py**' file from located in '**project/object_detection**' folder.
4. Show fruits and vegetables in front of the camera.
5. Click the link below to go into '**Smart Refrigerator**' Web Application.
<https://refrigerg.herokuapp.com/>
6. Login using the login credential.

Login Credential

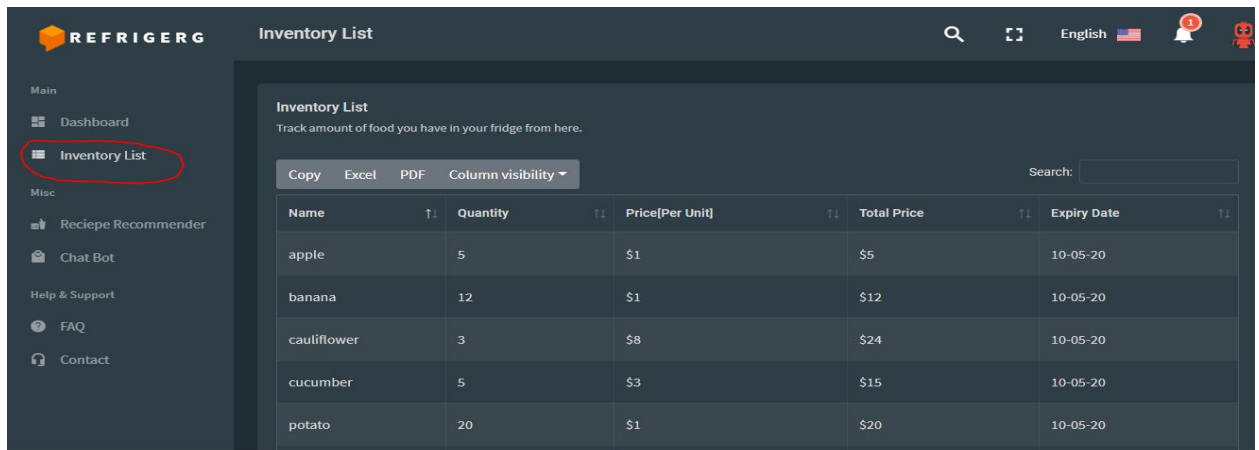
Username: admin

Password: massion33



The screenshot shows the login interface for 'REFRIGERG'. At the top, the word 'REFRIGERG' is displayed in a bold, white, sans-serif font. Below it, the text 'Welcome Back !' is centered, followed by 'Sign in to continue to Refrigerg.' in a smaller font. The login form consists of two input fields: 'Username' with the value 'admin' and 'Password' with masked characters '.....'. Below the password field is a checkbox labeled 'Remember me'. A blue 'Log In' button is positioned to the right of the checkbox. At the bottom, there is a link that says 'Don't have an account ? Signup Now'.

7. To see the inventory list click on the **'Inventory List'** tab.

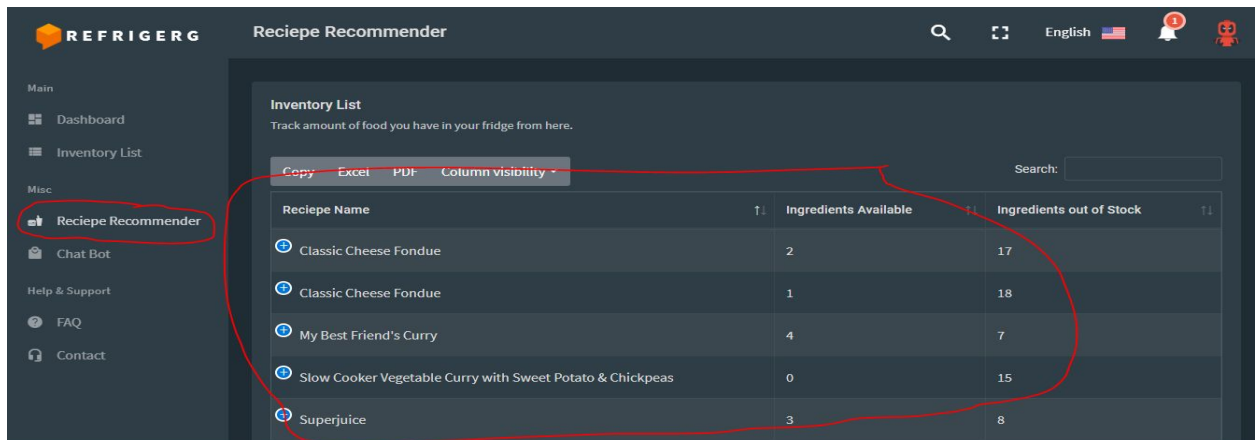


Inventory List
Track amount of food you have in your fridge from here.

Copy Excel PDF Column visibility ▾ Search:

Name	Quantity	Price[Per Unit]	Total Price	Expiry Date
apple	5	\$1	\$5	10-05-20
banana	12	\$1	\$12	10-05-20
cauliflower	3	\$8	\$24	10-05-20
cucumber	5	\$3	\$15	10-05-20
potato	20	\$1	\$20	10-05-20

8. To see the recommended recipes click on the **'Recipe Recommender'** tab.



Recipe Recommender

Inventory List
Track amount of food you have in your fridge from here.

Copy Excel PDF Column visibility ▾ Search:

Recipe Name	Ingredients Available	Ingredients out of Stock
Classic Cheese Fondue	2	17
Classic Cheese Fondue	1	18
My Best Friend's Curry	4	7
Slow Cooker Vegetable Curry with Sweet Potato & Chickpeas	0	15
Superjuice	3	8

9. To talk to our **'Smart Refrigerator'** click on the **'Chat Bot'** tab and ask questions.

