
Food Connect, Inc.

Project Moonshot

Final System Report

For Electronic Restaurant Order and Delivery System

The screenshot shows the Moonshot website's homepage. At the top, there's a banner with a night-time city skyline. Below it, the title "Project Moonshot" and "Final System Report" are displayed, followed by "For Electronic Restaurant Order and Delivery System". The main content area features a large photograph of a hand holding chopsticks over a dish of food. To the left of the photo is a navigation arrow pointing left. On the right side of the photo, there's a "View menu" button. Below the photo, there's a text block: "Moonshot redefines authentic foods from around the world. Fresh from the kitchen within the heart of New York City". At the bottom of the page is a map of New York City with various locations marked, along with sections for "Get in touch", "LOCATION", "OUR HOURS", "CONTACT US", and "FOLLOW US".

Minh Le

Vinuk Ranaweera

Yauheni Patapau

Tea Nurcellari

Khanh Huang

1. Introduction

This semester we were tasked with creating a food delivery application as our term project. Our group decided to use Django framework with Python. This framework offers a comprehensive front-end and back-end with the relational database MySQL built-in. We also used JavaScript and CSS to enhance the front-end user interface. We also utilized other technologies that you can see in our GitHub repository. When you have completed all installations you will be taken to a web-page that will allow customers to electronically order their meals. The customer will be able to view the menu, place their order, given an estimated time of arrival for their order (all via the web-page), etc. This online restaurant order and delivery system would greatly relieve stress from customers when it comes to dealing with deliveries. There are many other portions of the application such as manager section and visitor section that you can see more depth in our GitHub repository as well as the rest of our report where we include screenshots and explanations.

Getting started:

(For Ubuntu/ Linux):

1. Clone the git repository by entering: `git clone https://github.com/mle95/moonshot.git`
2. `cd moonshot`
3. `pip3 install -r requirements.txt`
4. `python3 manage.py runserver`

(For Windows):

1. Clone the git repository by entering: `git clone https://github.com/mle95/moonshot.git`
2. `cd moonshot`

3. pip install -r requirements.txt
4. python manage.py runserver

**2. 1-1 correspondence to the 9 required system features laid out in the system spec:
finished, partially done, or unable to do it**

Project Specifications	Completion (if not completed state why)
1. Provide a GUI with pictures to show the descriptions of each dish and price, each registered customer/VIP has a password to login, when they log in, based on the history of their prior choices, different registered customer/VIP will have different top 3 listing dishes. For new customers or visitors, the top 3 most popular dishes and top 3 highest rated dishes are listed on the first page	Yes, we have completed this specification.
2. A customer can choose to 1) pick up the dishes in person, or 2) home delivery.	Yes, we have completed this specification.
3. A customer can file complaints/compliments to the chef of the food s/he purchased and delivery person who delivered the dish or other customers who didn't behave in the discussion forums. Delivery person can complain/compliment customers s/he delivered dishes, all complaints/compliments are handled by the manager. The complained person has the right to dispute the complaint, the manager made the final call to dismiss the complaint or let the warning stay and inform the impacted parties. Customers/delivery people whose complaints are decided to be without merit by the manager will receive one additional warning. For case 1) s/he can only complain/compliment the chef.	The front-end features are implemented, but back-end functions are not complete. We discuss this in more detail at the end of our report.
4. Registered customers having 3 warnings are de-registered. VIPs having 2 warnings are put back to registered customers (with warnings cleared). The warnings should be displayed in the page when the customer logs in.	Yes, we have completed this specification.
5. Every customer should deposit some money into the system. If the price of the order is more expensive than the deposited money in the account, the order is rejected and the customer receives one warning automatically	Yes, we have completed this specification.

for being reckless.	
6. Customers who are kicked out of the system or choose to quit the system will be handled by the manager: clear the deposit and close the account. And kicked-out customer is on the blacklist of the restaurant: cannot register any more.	Yes, we have completed this specification.
7. The chef whose dishes received consistently low ratings (<2) or 3 complaints, will be demoted (less salary), a chef demoted twice is fired. Conversely, a chef whose dishes receive high ratings (>4) or 3 compliments, will receive a bonus. One compliment can be used to cancel one complaint. The delivery people are handled the same way.	No, we have not completed this specification. We have some code for the ratings portion, but were not able to fully implement it to work. We show this at the end of our report so you are able to see we have made some progress towards completion.
8. The delivery people will compete to deliver the order by bidding, the manager assigns the order from bidding results: the one with lowest delivery price is generally chosen; if the one with higher asking price is chosen, the manager should write a memo in the system as justifications. The delivery person who didn't deliver any in the past 5 orders will automatically receive one warning.	Yes, we have completed this specification.
9. Each team comes up with a creativity feature of the system to make it more exciting, e.g., smart-phone based system, voice-based features, or efficient route planning for delivery, which is worth 10% of overall score of the final project.	No, we were not able to complete this portion of the project as it was more complex and with the extensive project requirements we were not able to get up to it. Although we do have a lovely front page that includes a small map of where our restaurant is located, our contact information, our restaurant hours, and different dishes on the front page. We considered implementing google maps platform https://developers.google.com/maps/documentation/directions but we did not have enough time to actually try this out and work with it due to time constraints and limited group members (5) with more time we would definitely be able to learn this and implement it for a routing system.

3. Contributions of each team member and suggested bonus or penalty to certain team members

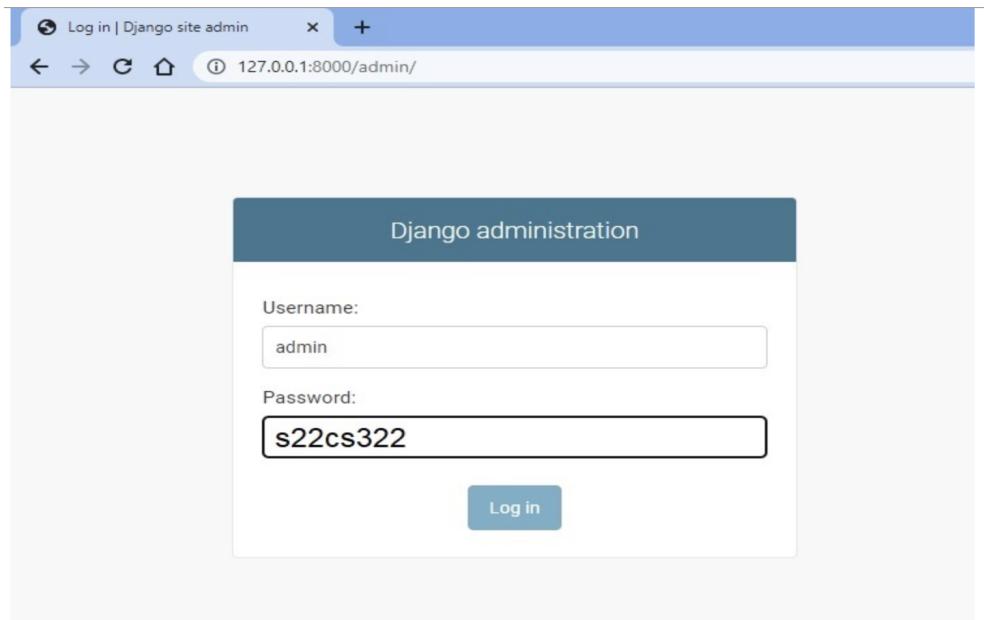
We have all agreed during our presentation that Minh Le should get an extra 5% overall score on the project for his efforts to help us with the Django learning curve and overall patience with any questions and concerns we had while completing our food delivery application. We understand that giving him a bonus 5% will deduct 1% from each teammate and we are okay with this and more than happy to give him these bonus points.

4. Git address of your repo

<https://github.com/mle95/moonshot>

5. Additional things to note / final thoughts

These are some screenshots, but not all scenarios of the application. We have other specifications that we did not include in our screenshots. We just wanted to give a brief preview of our application.



Food Connect Customer info Menu Login

Receipt

Order Summary:

Peking duck: \$20.00

Total: \$20.00

account current balance \$11.00
mle95@yahoo.com

Phone Number

516-850-8059

Pick-up at restaurant

pick-up time in 10 minutes (*estimate*)

Payment is completed.
Thanks :)

(Pick-up order so you will not see a delivery fee here)

Food Connect Customer info Menu Logout mle95@cheerful.com

Receipt

Order Summary:

Peking duck: \$20.00

Delivery fee: \$5

Total: \$25.00

account current balance \$78.00
mle95@cheerful.com

Phone Number

516-850-8059

Delivery address

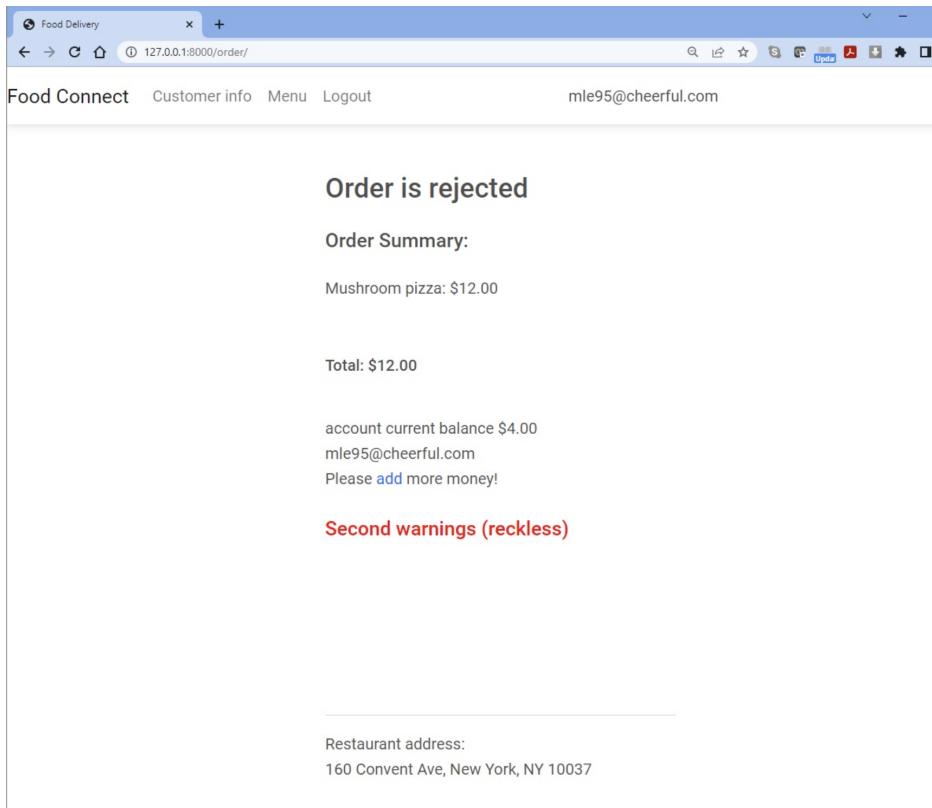
Minh Le
888 Main Street
NYC, NY 10044

Restaurant address:

160 Convent Ave, New York, NY 10037

Payment is completed.
Thanks :)

(This is a delivery order so you will see a \$5 delivery fee here unlike the pick-up order)

Food Delivery 127.0.0.1:8000/order/
Food Connect Customer info Menu Logout mle95@cheerful.com

Order is rejected

Order Summary:

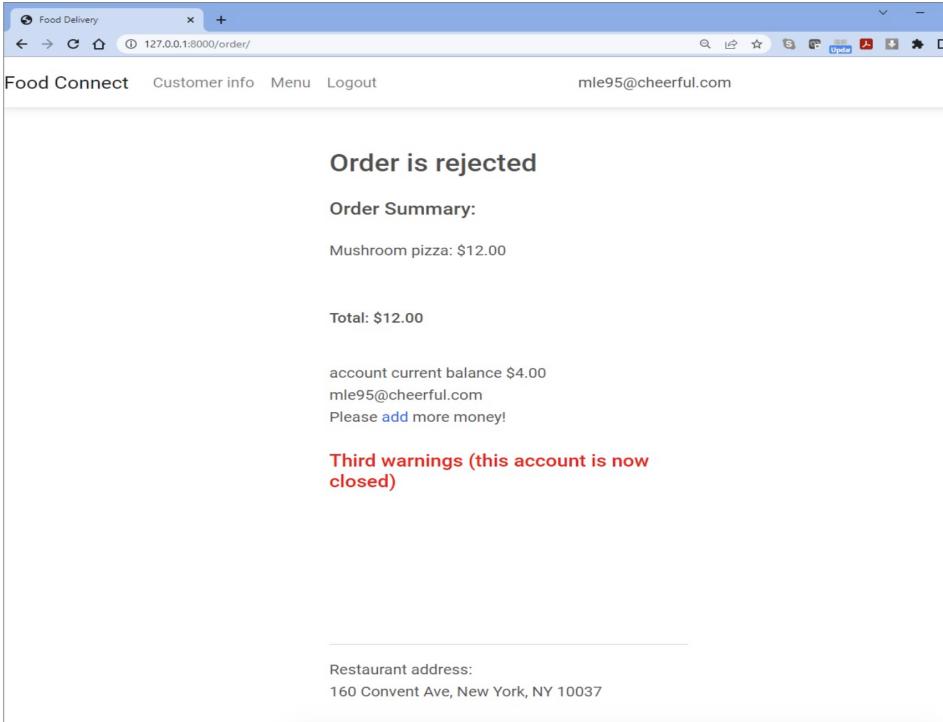
Mushroom pizza: \$12.00

Total: \$12.00

account current balance \$4.00
mle95@cheerful.com
Please [add](#) more money!

Second warnings (reckless)

Restaurant address:
160 Convent Ave, New York, NY 10037

Food Delivery 127.0.0.1:8000/order/
Food Connect Customer info Menu Logout mle95@cheerful.com

Order is rejected

Order Summary:

Mushroom pizza: \$12.00

Total: \$12.00

account current balance \$4.00
mle95@cheerful.com
Please [add](#) more money!

Third warnings (this account is now closed)

Restaurant address:
160 Convent Ave, New York, NY 10037



Food Connect Customer info Menu Logout

mle95@cheerful.com

Customer Profile

Minh Le
516-850-8059
mle95@cheerful.com

888 Main Street
NYC, NY 10044

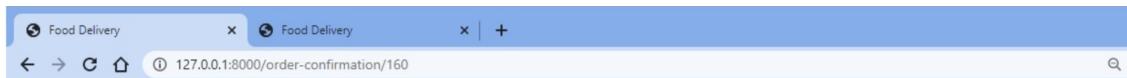
current balance is \$78.00

20

ADD MONEY

Orders history

May 17, 2022, 6:27 p.m.



Food Connect Customer info Menu Logout

mle95@cheerful.com

Receipt

Order Summary:

Hawaii BBQ chicken pizza: \$15.00

Mushroom pizza: \$12.00

Grilled chicken pizza: \$14.00

Braised lamb: \$20.00

VIP discount: -\$3.00

Total: \$58.00

account current balance \$120.00

mle95@cheerful.com

Phone Number

516-850-8059

Delivery address

Minh Le
888 Main Street
NYC, NY 10044

Restaurant address:

160 Convent Ave, New York, NY 10037

Payment is completed.
Thanks :)

Food Delivery x CS32200 webpage x +
 127.0.0.1:8000/orders_biddings_all/

Food Connect Customer info Menu Logout Admin

Orders Biddings (Manager View)

Order ID	Biddings	Select	Driver assigned	Receipt	Name	Street address	City	State
151	6	<input checked="" type="radio"/>	mle95@nycmail.com	\$40.00	Minh Le	123 Convent ave	New York	NY
151	4	<input type="radio"/>	mle95@cheerful.com	\$40.00	Minh Le	123 Convent ave	New York	NY
152	9	<input type="radio"/>	mle95@nycmail.com	\$7.00	Minh Le	123 Convent ave	New York	NY
154	4	<input type="radio"/>	mle95@cheerful.com	\$12.00	Minh Le	123 Convent ave	New York	NY

UPDATE

These are 2 separate accounts even though they look similar we just wanted to make a note of this.

Food Delivery x +
 127.0.0.1:8000/order/



Calamari \$8.00
sauté squid

Write Your Review

How do you rate this product?



Review Title:

Review:

SUBMIT REVIEW



Chicken wings \$7.00
spicy chicken wings with celery

Here is what we have for the ratings / review section at the moment. There is some code, but it has not been fully implemented into our system so it is not completely functional at the moment, but with more time we would definitely be able to implement and fix this.