README

Project by: Sahrina Bhuiyan, Fnu Palak, Hope Dunner, Nicholas Comer
Contact us at: sahrina.bhuiyan12@gmail.com

Downloads required:
- We used Visual Studio Code for our project
- Install python first, from official site

Run these on CMD after installing python:
pip install Django==3.1.4
pip install Pillow
pip install pytz
pip install sqlparse

Once everything is set, open the project and write the commands:
1. cd restorabd
2. python3 manage.py migrate
3. python3 manage.py createsuperuser
    - Here you have to create a username, enter an email address, and a password
    - If you want to bypass creating an account you are given [y/n] option so choose y
4. python3 manage.py runserver
    - Here you are given the website so open the website and you can login and place your orders as the customer
    - The given website + \admin will take you to the admin page where you can login as the admin and control the restaurant. You are able to add/delete menu, staff, reviews and everything else there.
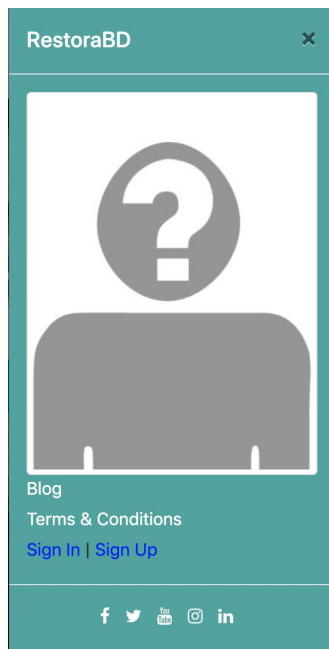
Report

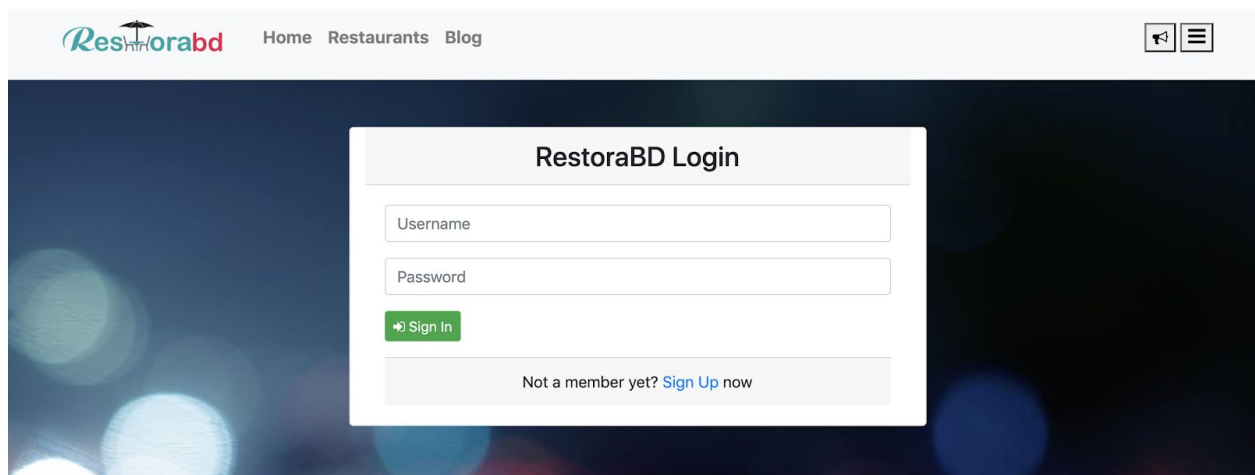Project by: Sahrina Bhuiyan, Fnu Palak, Hope Dunner, Nicholas Comer
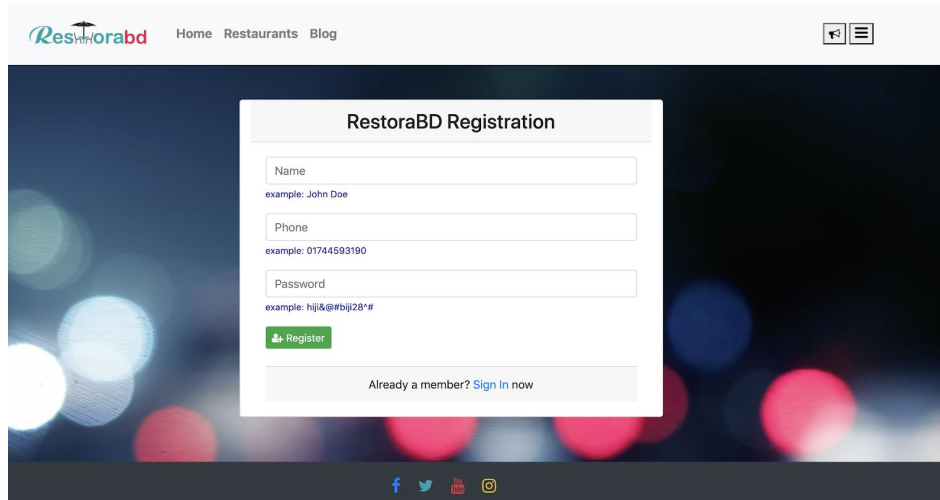Contact us at: sahrina.bhuiyan12@gmail.com

Feature 1
First thing we have on our restaurant website is a sign in option for existing customers and a sign up button for new customers.
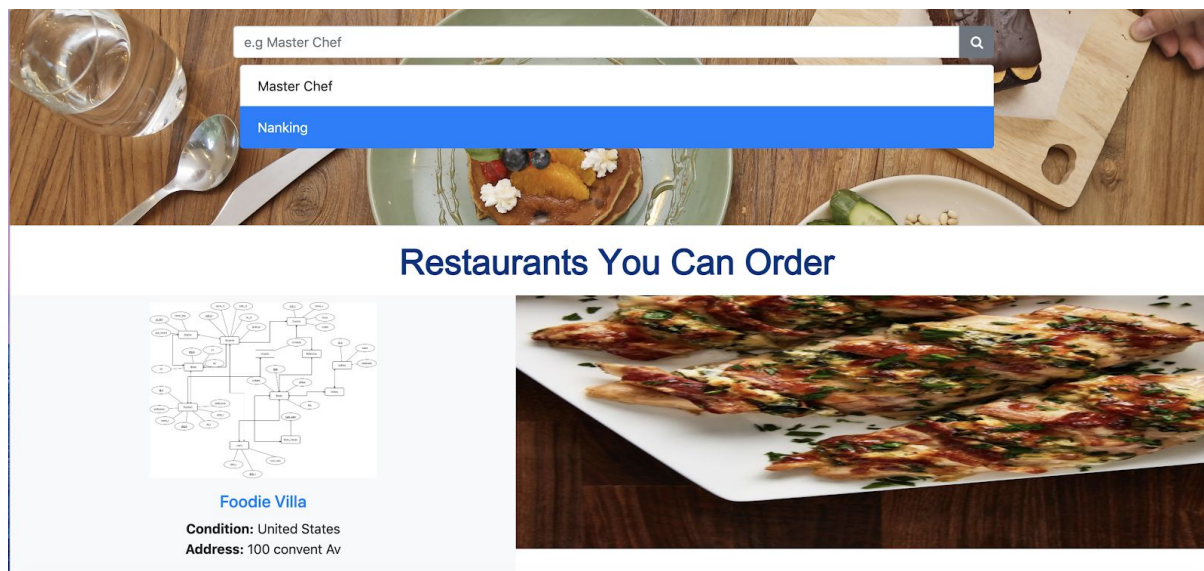

This is how the login and sign up pages look:

Then, once you login it gives you the option to search for a restaurant and also shows you the active restaurants in this system. So we just have one ACTIVE restaurant called Foodie Villa and it's the only one you can order from. It shows you the restaurant location and condition:


Then, once you select the restaurant you can move on to the next page which shows you the menu items. We currently have two items on the menu and obviously we can add more items, but we only put two things because of time constraints. This is how the ordering page looks:
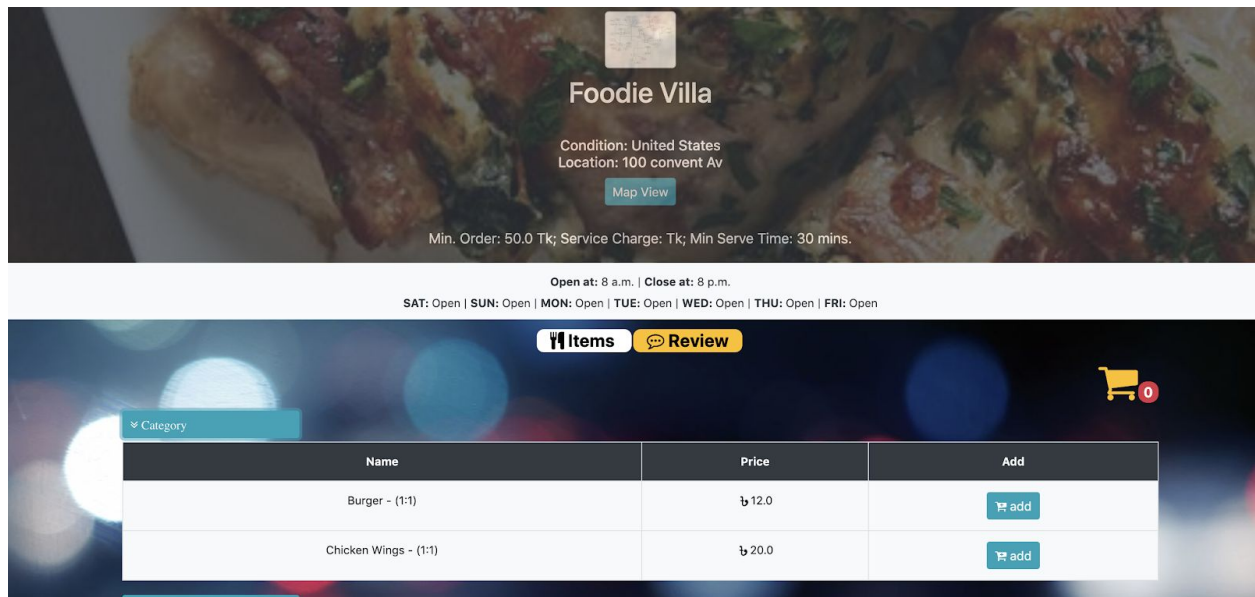
Feature 6

Most of our team members are international students so we chose to create an international restaurant, therefore the currency is different (in TK) and you can see the symbol next to price. We have a minimum you have to spend in our restaurant in order for the order to fill. Otherwise you get a popup telling you about how much you have to spend (in this case 200TK)
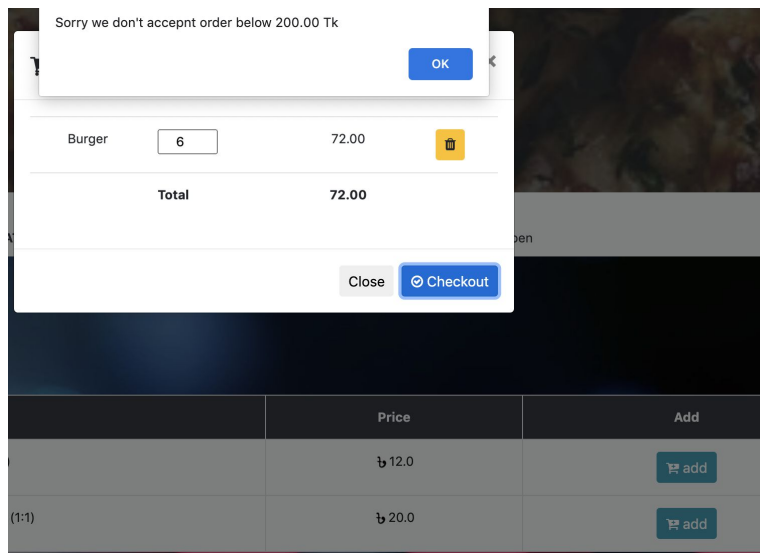
Feature 3

Next, you can click add to add these items to the cart and proceed onto selecting how you want your order and if you are eating in, delivering or picking up (these options are displayed under order type in the below picture). You can put address, payment method, and additional information as you can see below:

Cart:	Foodie Villa - 35.0 ⌄	✏ ➕

Order id:

45

Order no:

45

Name:

Admin

Phone:

3479008765

Shipping address:

122 Spring St

☐ Status

☐ Payment status

Shipping charge:

5.0

Order type:

Home ⌄

Payment method:

Pay On Delivery ⌄

Expected time:

21:56:46   Now | 🕐

Note: You are 5 hours behind server time.

Discount:

0.0

Cost:

35.0

Confirm Your Order   ✕

Quantity: 6 | Subtotal: 1080
Tax: 0.0 | Service Charge:
Grand Total : ৳ 1110.0

Choose the options carefully

👤	Raihan Kabir

Enter your 11 digit phone number

📞	01521116643

📍	Location

Payment Method

Pay on delivary ▾

Order Type

Home Delivary ▾

Time (At Restaurant)

18:30	🕐

Offer Code (if any)

14baf24

Sorry! No offer for this code.

⊘ Confirm Order

Pizza - (1:1)   ☷ add

» Chineese
» Italian

Name   Add
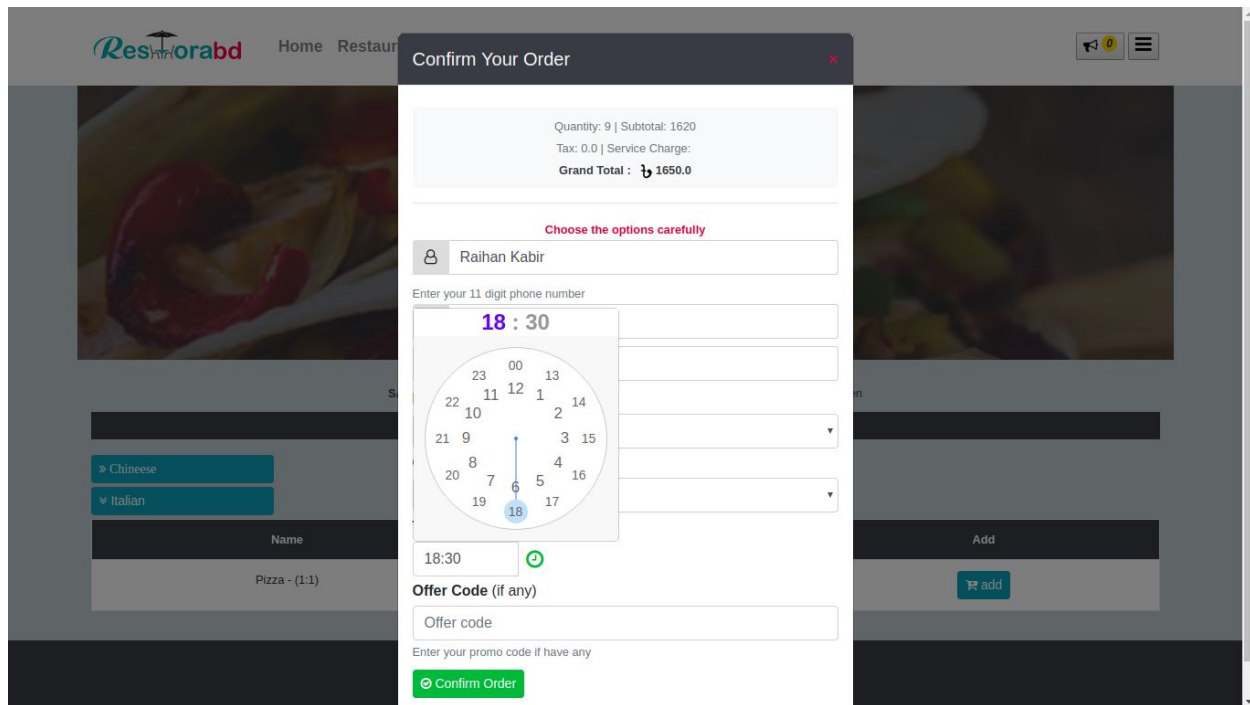
Feature 2 & Feature 4

We had a misunderstanding that complaint/compliment is the same thing as reviews so we just added a review section for customers where they can rate 1-5 stars.
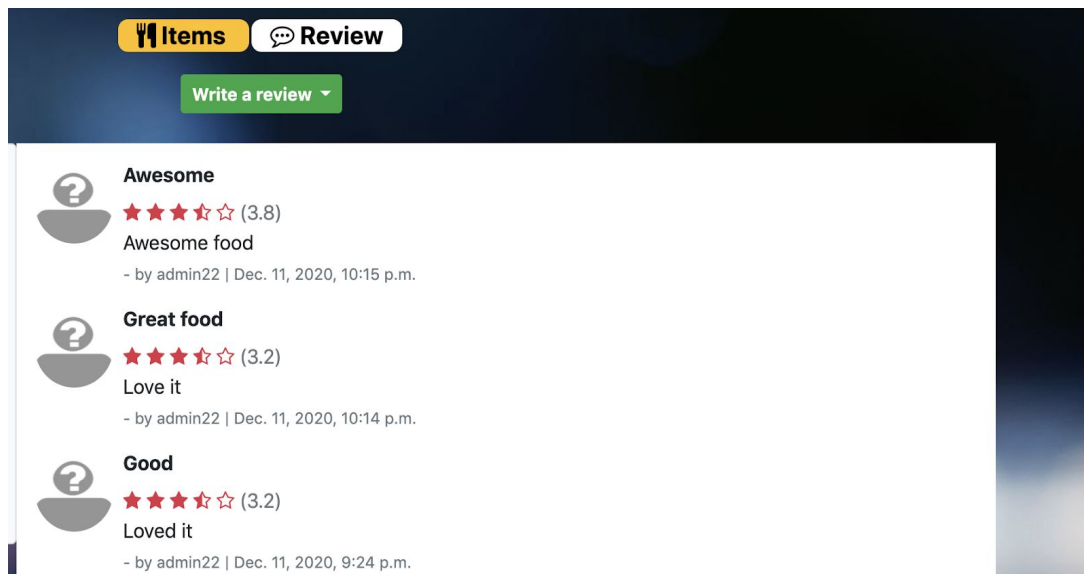
<u>Feature 5 & Feature 7</u>

Now let's go through admin functions. We have accounts, where we can manage customer accounts. Registered customers having 3 warnings are de-registered. VIPs having 2 warnings are put back to registered customers (with warnings cleared).The warnings are displayed in the personalized page when the customers log in. Their accounts get deleted from here when they pass those 3 warnings.

You can also see that customers can request to be removed from the system, or be marked to be removed from the system. The manager can remove them from this page as well.

Feature 10

You can also see above we can manage chefs, food categories and menu items in food. We have a notification center where we see the orders we get. This is where we see the orders and the order information, for example we currently have one order:

The x is for the payment is not made, so the status is also x.

We also spent a lot of time and effort making the website as aesthetically pleasing as possible, as you can see from all of the prior screenshots.

Feature 2

Next we have reviews for the chef. The chef whose dishes received consistently low ratings or 3 complaints, or no order atall for 3 days, will be demoted (less salary), a chef demoted twice is fired. Conversely, a chef whose dishes received high ratings or 3 compliments, will be promoted.

AUTHENTICATION AND AUTHORIZATION		
Groups		+ Add
FOODS		
Chefs		+ Add
Food categorys		+ Add
Foods		+ Add
INFORMATIONS		
Citys		+ Add
Divisions		+ Add

Name: chef1

Designation: Chicken Wings Maker

Type: Complaint: Absolute Worst

Delete | Save and add another | Save and continue editing | SAVE

We can also control the reviews that's displayed to customers for our restaurant. We can choose to delete some existing ones.

Select review to change — ADD REVIEW +

Action: [----------] Go   0 of 3 selected

	RESTAURANT	AVERAGE	TITLE
☐	Foodie Villa - Restaurant	3.8	Awesome
☐	Foodie Villa - Restaurant	3.2	Great food
☐	Foodie Villa - Restaurant	3.2	Good

3 reviews   Save

Sidebar:

Citys + Add
Divisions + Add

NOTIFICATIONS
Notifications + Add

ORDERS
Carts + Add
Discounts + Add
Orders + Add

«

PARTNERRESTAURANTS
Partner restaurants + Add

RESTAURANTS
Restaurant reviews + Add
Restaurants + Add
Service times + Add

REVIEWS
Reviews + Add

We can control orders or put in order information for a customer if they were to call and order under the "order category". We have a "discount" category for our VIP customers who spent more than $500 or placed 50 ordersas registered customers, whichever comes first, in addition to the actions of registered customers, they will receive 10% discount of their ordinary orders.

Sidebar:
Citys + Add
Divisions + Add

NOTIFICATIONS
Notifications + Add

ORDERS
Carts + Add
Discounts + Add
Orders + Add

PARTNERRESTAURANTS

Add discount

Percentage: 10.0

Key: Registered user 10% discount

☐ Used

Save and add another | Save and continue editing | SAVE

Feature 8

Ratings are available for everyone to see, as displayed in the screenshot below.

Effort memo (requested):

     This was our team's first time coding such a complete program, and we therefore ran into many issues that took a lot of time to resolve. It is also our team's first time coding with Django, and we found the learning curve of using this unfamiliar framework to be an immense timesink. Additionally, working completely virtually due to the quarantine proved to be a huge challenge in terms of coordinating team efforts. This also led to confusion about the specifications that we needed to match. In the end, we were unable to reach the feature-completeness that we were aiming for within the allotted time. Our code may not reflect the large amount of effort we all put in. However, we all learned a lot from working on this project that will allow us to be better prepared in the future.