REPORT:

2. Food Application:

Objective:
The application is similar to any online food ordering application. For example, Food Panda, Swiggy, Zomato and many more.

Basic Layout:
There are basically two modules in the application. The first module is to place the order. Here, the customer is first asked on select the restaurant from which he/she wants to order. Then, the kind of menu the customer is looking for. In the application, I have added three types of menu's. One is breakfast, second is lunch and the last is dinner. Finally, the customer can chose the relevant items from the available options. Last but not the least, a Unique Id is generated once the customer completely places the order. Using these Unique Id, the customer can view his/her order.

In the second module of the application. The admin can add or delete the existing item from the list of items. As it could happen, that the restaurant has added a new dish to the menu. Then, the admin could login to the system, using the relevant user name and password. And then chose the restaurant in which the item needs to be added. And finaly add the item. The item will start to reflect in the customer list the next time customer will search in that restaurant.

Working:
1. The project started with creating the database in the MySQL server. For these, simply login in the MySQL database, and create the database of your choice name.
2. The next phase was to create the tables and load the tables. For these, I have created a script which will do the work for you. Just make sure, to add the correct username and password of the MySQL database for it to work.
3. Once the backend setup is complete. We can run the application and start to play around with it.
4. Now either the customer could place the order or the admin could add/delete from the existing list of items. The procedure I have explained in the "Basic Layout" section.
5. The front end was designed primarily using the Flask python library and was designed using HTML and CSS. The backend of the application is in MySQL.

Commands to execute the application:
1. Download the project: [https://github.com/ChaitanyaKalantri/Hackaton]
2. Open terminal and open the "mysql" database.
3. Create a new database using this command. "create database pythonspot".
4. In another terminal. Navigate inside the "FoodApp" folder.
5. Run the command. "python created.py". This will create all the required tables and insert the data.
6. Thereafter, run the command. "index_startApp.py". This will start the application.

7. Open the link [http://localhost:5002/] in the browser.
8. Place the order and play around with it.
9. In order to add an item in the existing application. Use “Zappos” as the username and “Family” as the password. And play around with it.

The complete code could be found here.
https://github.com/ChaitanyaKalantri/FoodApp

Some Pictorial Representation of the above project:

Food Ordering Application

Do you want to place the order?

Submit

Do you want to add the item?

Submit

© Zappos Food Service Application 2018

Fig 1. The front page of the application

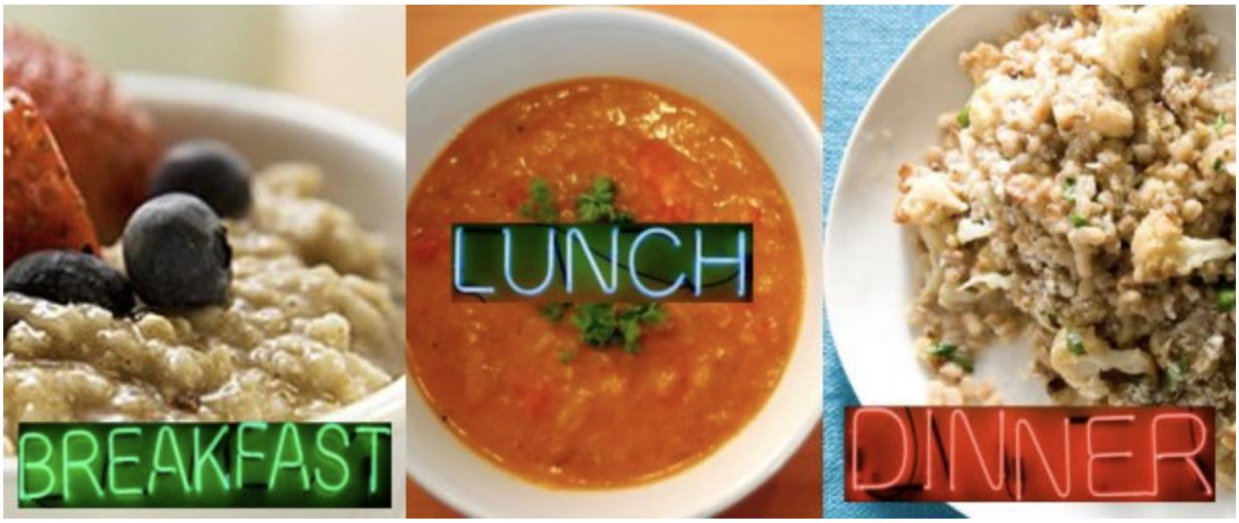
Order your food sitting at home!!!

- Kailash
- CurryClub
- Panera
- Sweet
- Dominos
- Cutlet
- Mexican Club
- Natures Food

Submit

Fig 2. Placing the order. Step1: Selecting the restaurant.

Food Ordering Application



What kind of food would be prefer?

- (•) Breakfast
- ( ) Lunch
- ( ) Dinner

Submit

Fig 3. Placing the order. Step2: Selecting the kind of food you want to order.

Food Ordering Application

Chose all the items you want...

- [x] Dosa
- [x] Samosa

Submit

© Zappos Food Service Application 2018

Fig 4. Placing the order. Step3: Selecting the items from the menu.

Food Ordering Application

Get Ready To Eat...Your Order will reach soon

Successfully Order Placed

2

Enter the Order ID: 2

Submit

Fig 5. Placing the order. Step4: The order is successfully placed.

Food Ordering Application

The Ordered Items are:

Dosa
Samosa

Want to edit the order?

Submit

Fig 6. Placing the order. Step5: View the details of the order placed.

Food Ordering Application

Username Zappos **Password** •••••• Login

© Zappos Food Service Application 2018

Fig 7. Adding a new product. Step1: Login in the system using relevant credentials.

Food Ordering Application

- Kailash
- CurryClub
- Panera
- Sweet
- Dominos
- Cutlet
- Mexican Club
- Natures Food

Submit

Fig 8. Adding a new product. Step2: Selecting the restaurant.

Showing categories for restaurant Dominos

- Breakfast
- Lunch
- Dinner

Submit

Fig 9 Adding a new product. Step3: Selecting the kind of food you want to add.

Food Ordering Application

Enter items for restaurant Dominos

for menu id 15

Name Swiss Roll **Cuisine** American Submit

© Zappos Food Service Application 2018

Fig 10. Adding a new product. Step4: Adding the name and the cuisine of the product to be added

Food Ordering Application

Your entry has been added

Fig 11. Adding a new product. Step5: Successfully added new product.