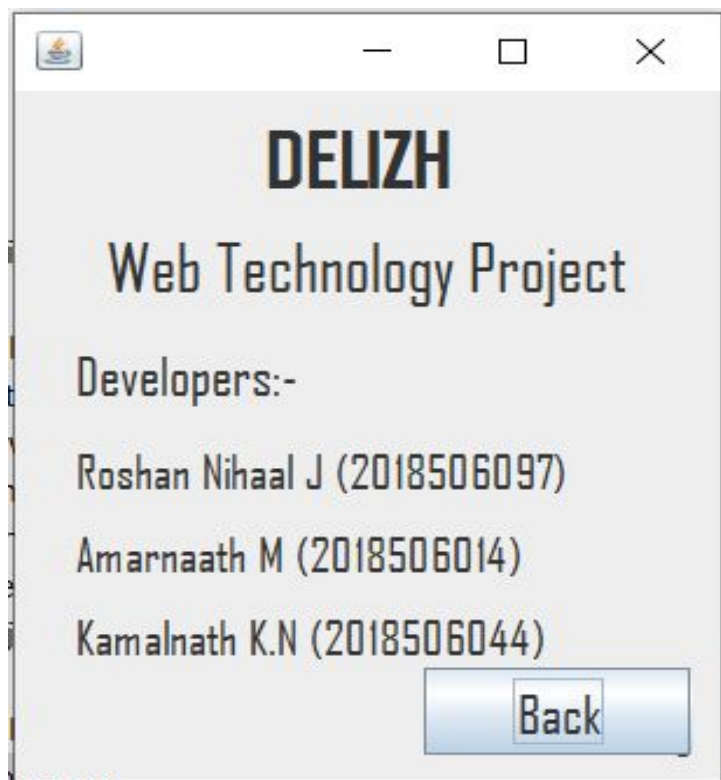




## ONLINE-FOOD DELIVERY SYSTEM



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## ➤ **PROJECT DESCRIPTION:**



**Online food delivery is one of the fastest growing ventures in India. An idea which saw sureshot success in western countries is entering the Asian market with more possibilities and opportunities. Without any introduction, people are aware of the simple process of logging in, choosing your meal and paying for it, within a short span, your meal for the day is delivered at your home without breaking a sweat.**

## ***So How Does This Work?***

**This project uses a continuous chain of network with user-friendly choices at each stage. This includes an initial login which can be user/admin attended mandatorily, followed by pro-choices to each of it.**

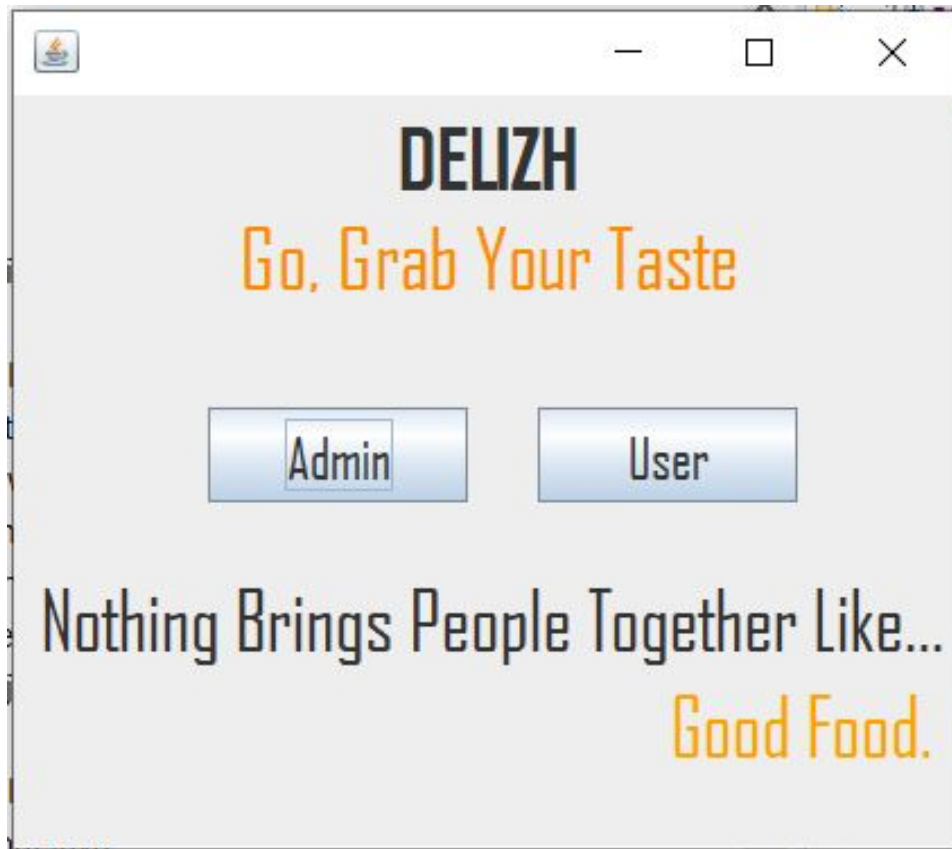
**The essential features like addition of coupons, cash on delivery, view of cart and rating are included none the less.**

**The admin enjoys the power of adding or removing new restaurants and delicacies, change of prices if any.**

**The user can just choose the restaurant, delicacy, add the coupon if desired, confirm the order, pay before hand or call for CoD and enjoy their food. A rating given from them helps in improving the quality.**

**And at last there is a SRS attached about the whole application. All the above functions are implemented with the help of SWINGS for UserInterface experience and MYSQL DATABASE.**

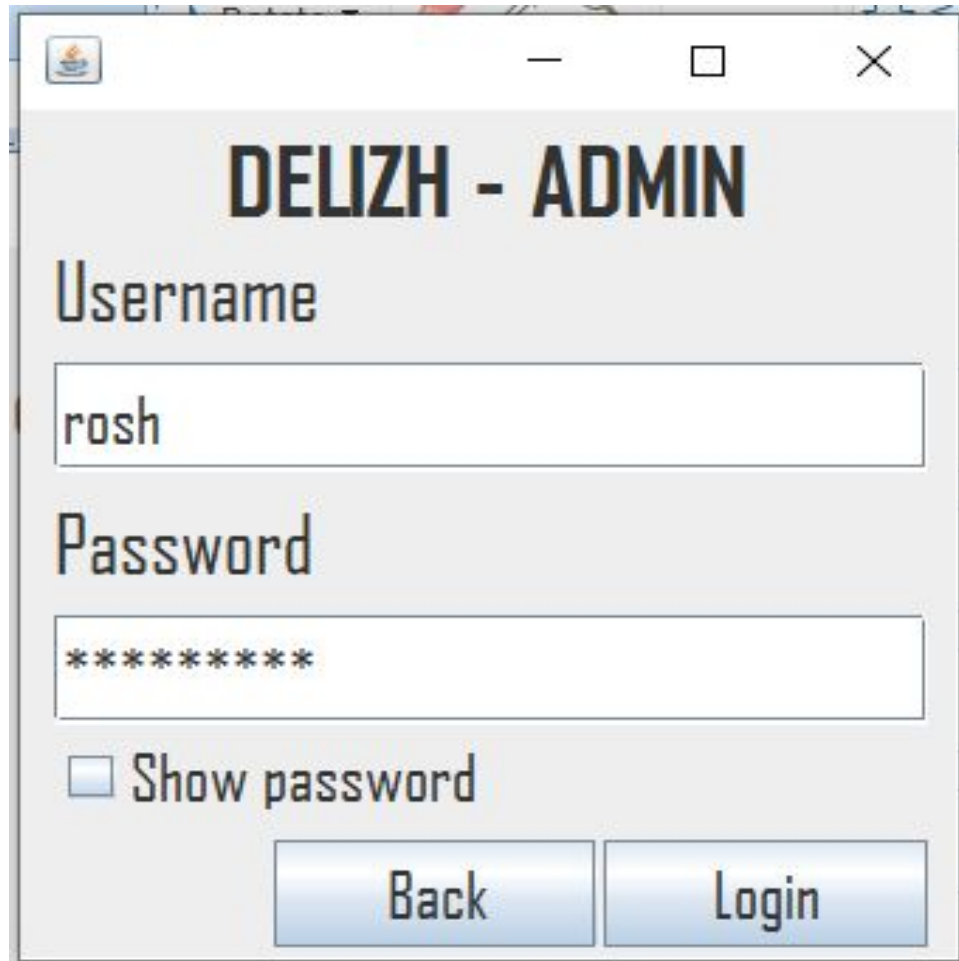
## LOGIN:



*As we enter the application, we have two kinds of login admin and user. The user phase is for the people interested in ordering. Admin is for official purposes.*

*The user can create a account or login, while the admin can only login with the default as three of our entries.*

## *ADMIN LOGIN:*

A screenshot of a web application window titled "DELIZH - ADMIN". The window has a standard Windows-style title bar with minimize, maximize, and close buttons. The main content area is light gray. At the top, the title "DELIZH - ADMIN" is displayed in a large, bold, black font. Below the title, there are two input fields. The first is labeled "Username" and contains the text "rosh". The second is labeled "Password" and contains a series of asterisks "\*\*\*\*\*". Below the password field, there is a checkbox labeled "Show password", which is currently unchecked. At the bottom of the window, there are two buttons: "Back" and "Login". The "Login" button is highlighted with a blue gradient.

**DELIZH - ADMIN**

Username

rosh

Password

\*\*\*\*\*

☐ Show password

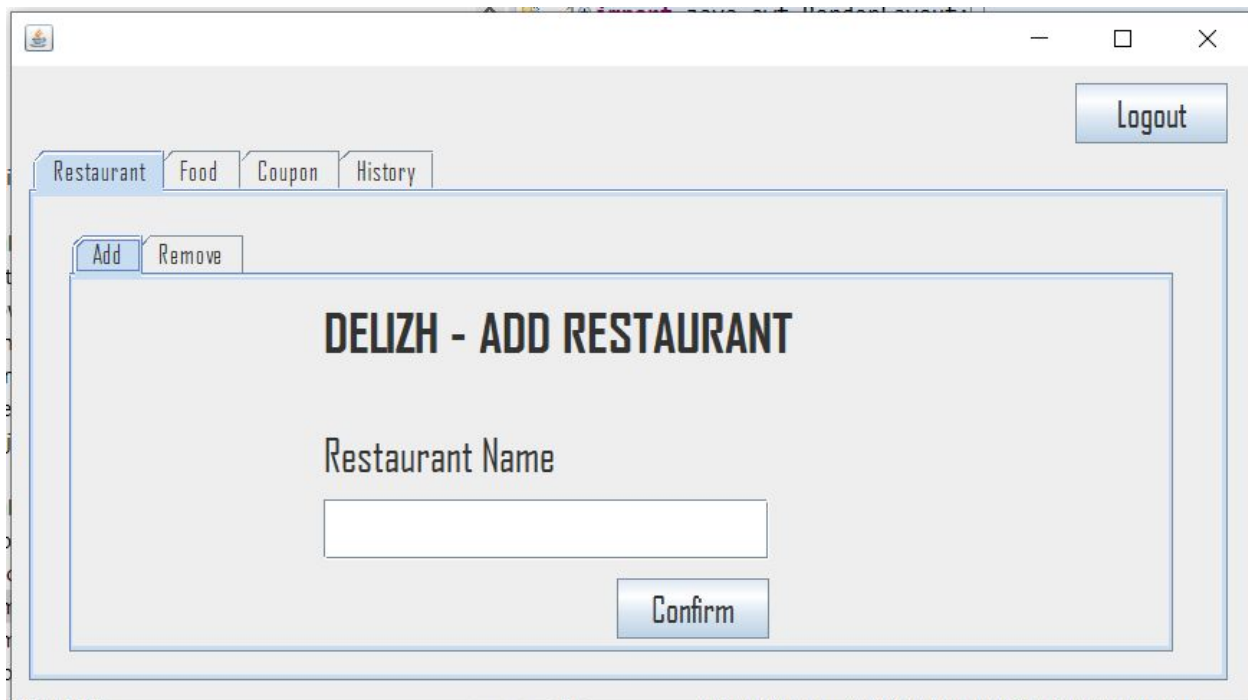
Back Login

*Using the username and password ,the admin logs in.  
Thus once entered, the admin can include the following  
changes:*

## ADDITION AND DELETION OF A RESTAURANT:

***The admin can include a new restaurant by using add option or delete a restaraunt using delete option.Both the changes are stored in the SWING and database as well.***

***Enter the restaraunt name and press confirm to save the changes***



The screenshot shows a Java Swing window titled "DELIZH - ADD RESTAURANT". The window has a standard title bar with minimize, maximize, and close buttons. In the top right corner, there is a "Logout" button. Below the title bar, there is a tabbed interface with four tabs: "Restaurant", "Food", "Coupon", and "History". The "Restaurant" tab is currently selected. Inside the "Restaurant" tab, there are two sub-tabs: "Add" and "Remove". The "Add" sub-tab is selected. The main content area of the "Add" sub-tab contains a text label "Restaurant Name" above a text input field. Below the input field is a "Confirm" button.

A screenshot of a web application window titled 'DELIZH - REMOVE RESTAURANT'. The window has a standard Windows-style title bar with minimize, maximize, and close buttons. In the top right corner, there is a 'Logout' button. Below the title bar, there is a navigation menu with four tabs: 'Restaurant', 'Food', 'Coupon', and 'History'. The 'Restaurant' tab is currently selected. Inside the main content area, there are two sub-tabs: 'Add' and 'Remove'. The 'Remove' tab is selected. The main form area contains the title 'DELIZH - REMOVE RESTAURANT' in bold. Below the title, there is a label 'Restaurant Name' followed by a single-line text input field. At the bottom right of the form, there is a 'Confirm' button.

### ADDITION OR REMOVAL OF FOOD ITEMS:

*In a similar fashion to that of the restaurants, with in each restaurant the food options can also be altered along with the prices which is quintessential*

A screenshot of a web application window titled 'DELIZH - ADD FOOD'. The window has a standard Windows-style title bar with minimize, maximize, and close buttons. In the top right corner, there is a 'Logout' button. Below the title bar, there is a navigation menu with four tabs: 'Restaurant', 'Food', 'Coupon', and 'History'. The 'Food' tab is currently selected. Inside the main content area, there are two sub-tabs: 'Add' and 'Remove'. The 'Add' tab is selected. The main form area contains the title 'DELIZH - ADD FOOD' in bold. Below the title, there are three input fields: 'Restaurant Name' (a single-line text input), 'Food Name' (a single-line text input), and 'Price' (a single-line text input). At the bottom right of the form, there is a 'Confirm' button.



A screenshot of a web application window titled 'DELIZH - REMOVE FOOD'. The window has a 'Logout' button in the top right corner. Below the title bar, there are four tabs: 'Restaurant', 'Food', 'Coupon', and 'History'. The 'Coupon' tab is selected. Inside the 'Coupon' tab, there are two sub-tabs: 'Add' and 'Remove'. The 'Remove' sub-tab is selected. The main content area contains a label 'Coupon Code' above a text input field. Below the input field is a 'Confirm' button.

***Enter the changes and press confirm to save them.***

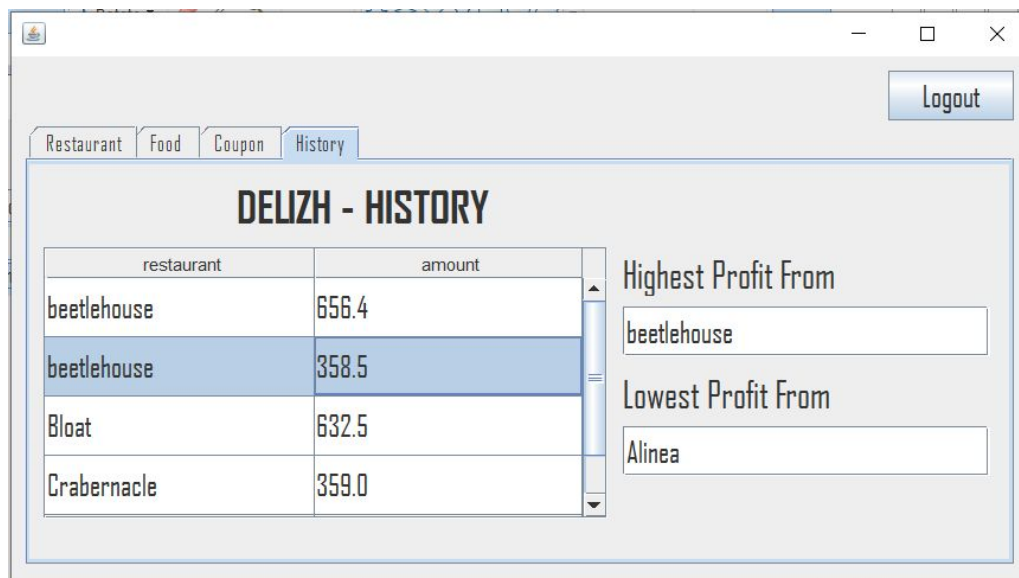
## **COUPONS:**

***The admin decides the deduction value for each of the coupon which is predetermined.***

A screenshot of a web application window titled 'DELIZH - ADD COUPON'. The window has a 'Logout' button in the top right corner. Below the title bar, there are four tabs: 'Restaurant', 'Food', 'Coupon', and 'History'. The 'Coupon' tab is selected. Inside the 'Coupon' tab, there are two sub-tabs: 'Add' and 'Remove'. The 'Add' sub-tab is selected. The main content area contains two labels: 'Coupon Code' and 'Deduction'. Below each label is a text input field. Below the input fields is a 'Confirm' button.

## STATISTICS ABOUT THE RESTAURANTS:

**We have the complete database about the sales based on which the most selling restaurants are sorted.**



The screenshot shows a web application window titled "DELIZH - HISTORY". It has a navigation bar with tabs for "Restaurant", "Food", "Coupon", and "History", with "History" being the active tab. A "Logout" button is in the top right. The main content area contains a table with two columns: "restaurant" and "amount". The table lists four entries: "beetlehouse" (656.4), "beetlehouse" (358.5), "Bloat" (632.5), and "Crabernacle" (359.0). The second "beetlehouse" entry is highlighted. To the right of the table, there are two sections: "Highest Profit From" with a text input field containing "beetlehouse", and "Lowest Profit From" with a text input field containing "Alinea".

restaurant	amount
beetlehouse	656.4
beetlehouse	358.5
Bloat	632.5
Crabernacle	359.0

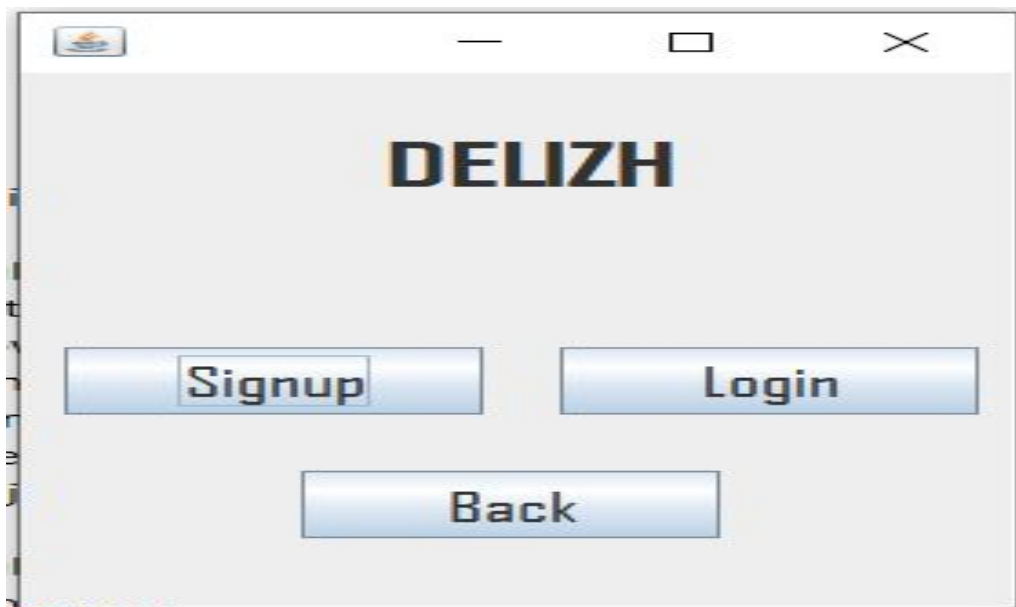
**From the history option, the most profitable and least profitable restaurants are viewed.**

## USER LOGIN:

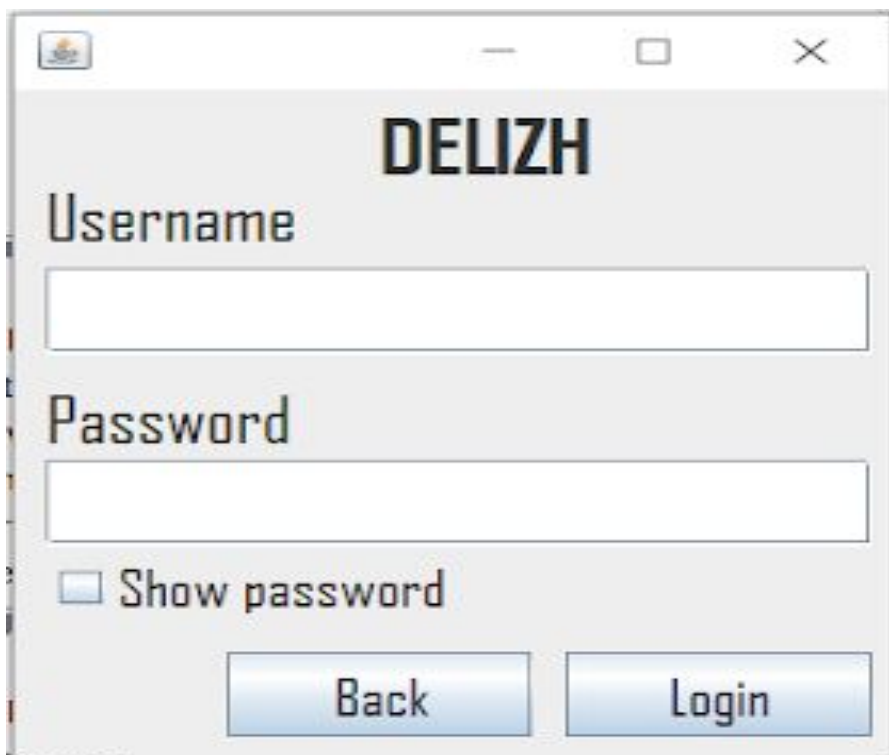
### CREATING OR DELETING LOGIN:

**Conventionally, a new user trying the application must create a login by choosing the username, password and confirming it. During the further trials they can use the already created login details.**

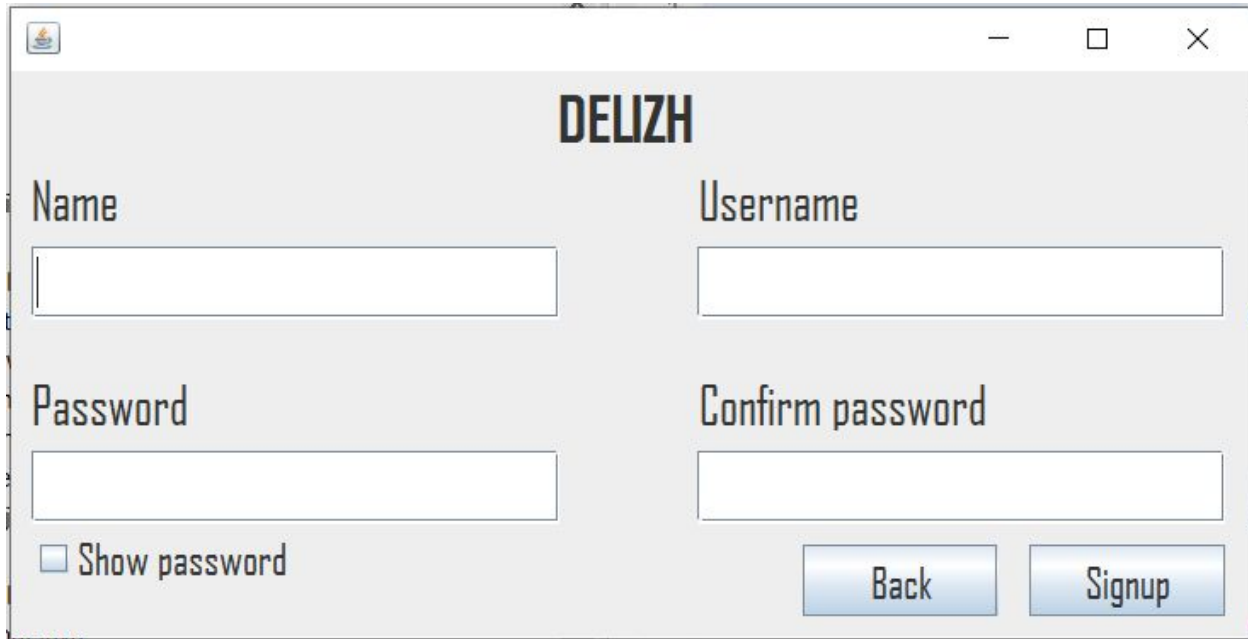
**Signup is used to create the user login.**



*If the login is chosen, then*



*If a new user, then create login*



A screenshot of a web application window titled "DELIZH". The window contains a form for user registration or login. It has four input fields: "Name", "Username", "Password", and "Confirm password". Below the "Password" field is a checkbox labeled "Show password". At the bottom right are two buttons: "Back" and "Signup".

Name	Username
<input type="text"/>	<input type="text"/>

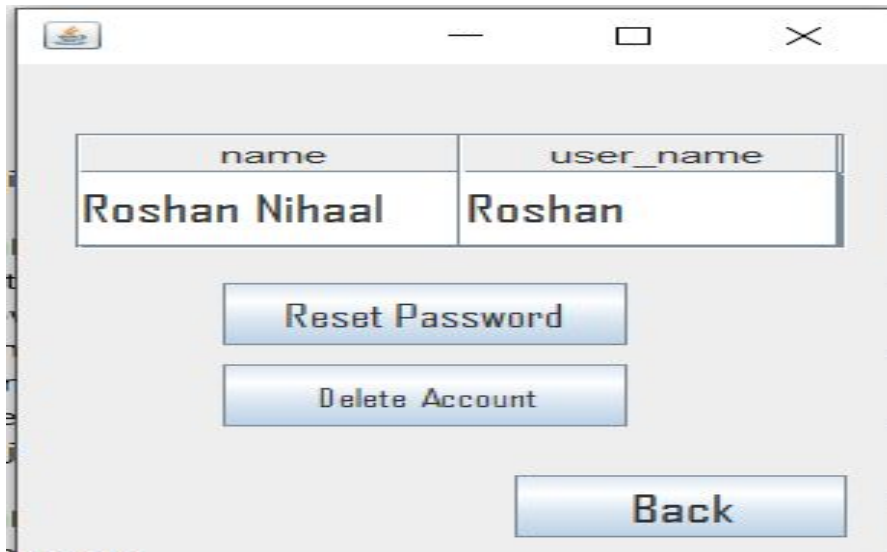
  

Password	Confirm password
<input type="password"/>	<input type="password"/>

☐ Show password

## RESETTING THE PASSWORD AND DELETING THE ACCOUNT:

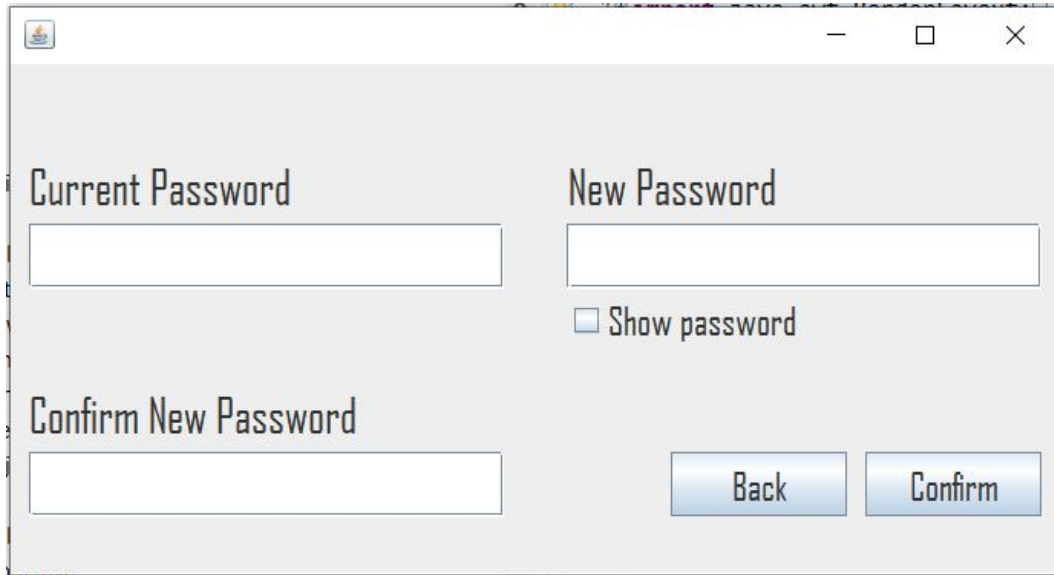
*You can also reset your password after logging in*



A screenshot of a web application window showing a user's account information. It features a table with two columns: "name" and "user\_name". The "name" column contains "Roshan Nihaal" and the "user\_name" column contains "Roshan". Below the table are three buttons: "Reset Password", "Delete Account", and "Back".

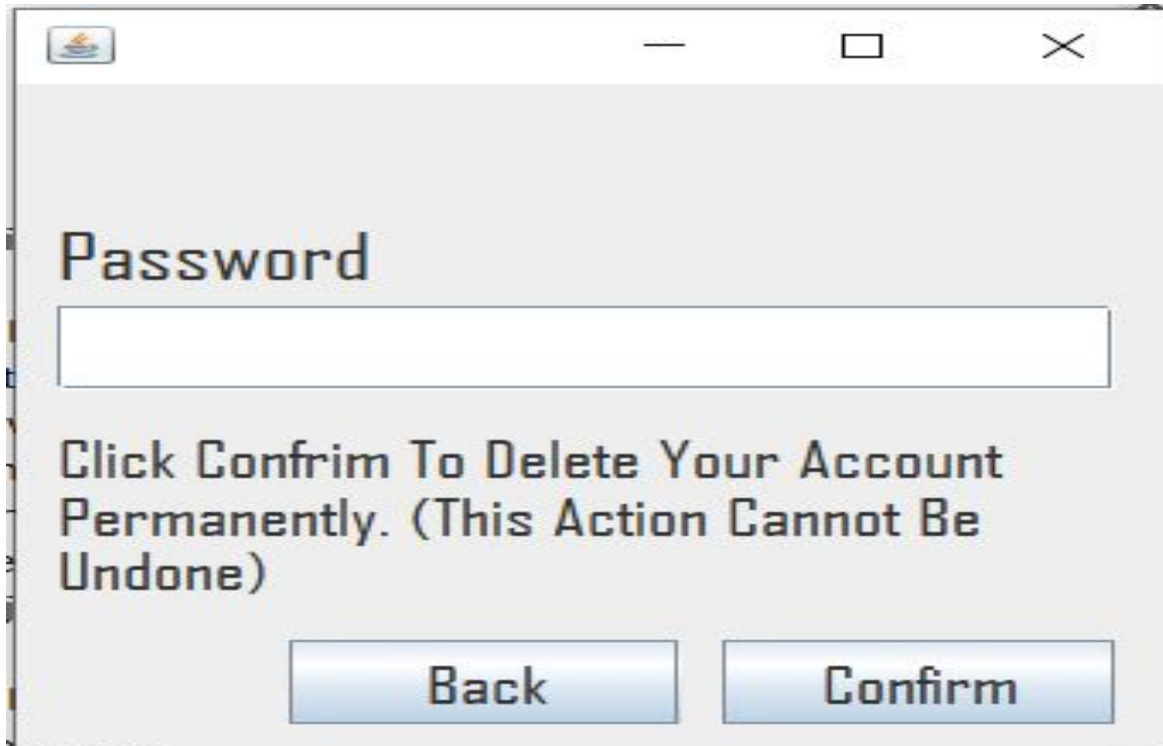
name	user_name
Roshan Nihaal	Roshan

***On pressing the reset password option, this window pops up,***



A dialog box titled "Reset Password" with a standard Windows window frame. It contains three text input fields: "Current Password", "New Password", and "Confirm New Password". Below the "New Password" field is a checkbox labeled "Show password". At the bottom right are two buttons: "Back" and "Confirm".

***For deleting the account, we have the option as well***

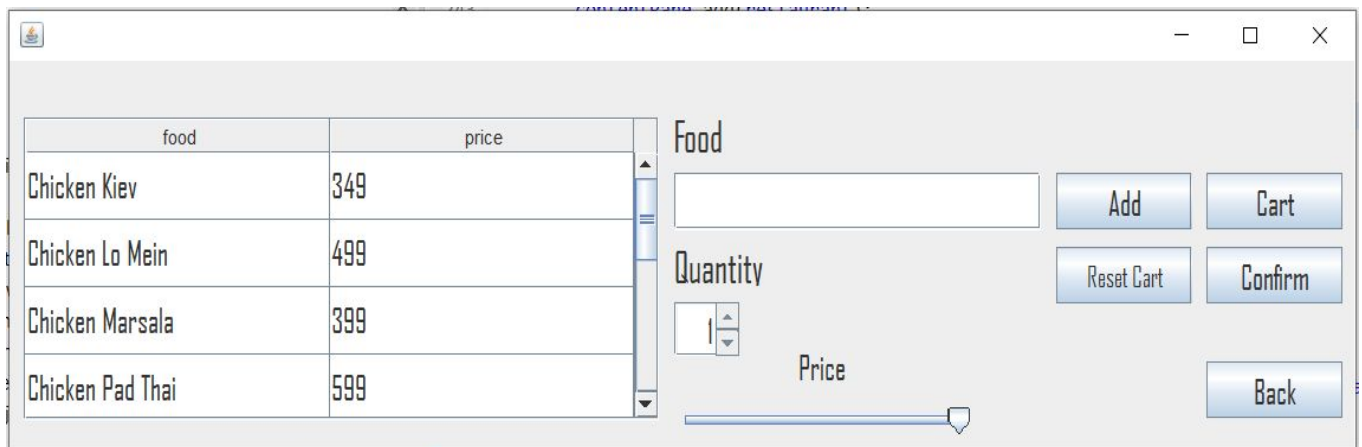


A dialog box titled "Delete Account" with a standard Windows window frame. It features a large text input field labeled "Password". Below the input field is a message: "Click Confirm To Delete Your Account Permanently. (This Action Cannot Be Undone)". At the bottom are two buttons: "Back" and "Confirm".

## USER INTERFACE:

### ORDERING THE FOOD:

*From their favourite restaurants, users can choose their favourite food items and add them to the car.*

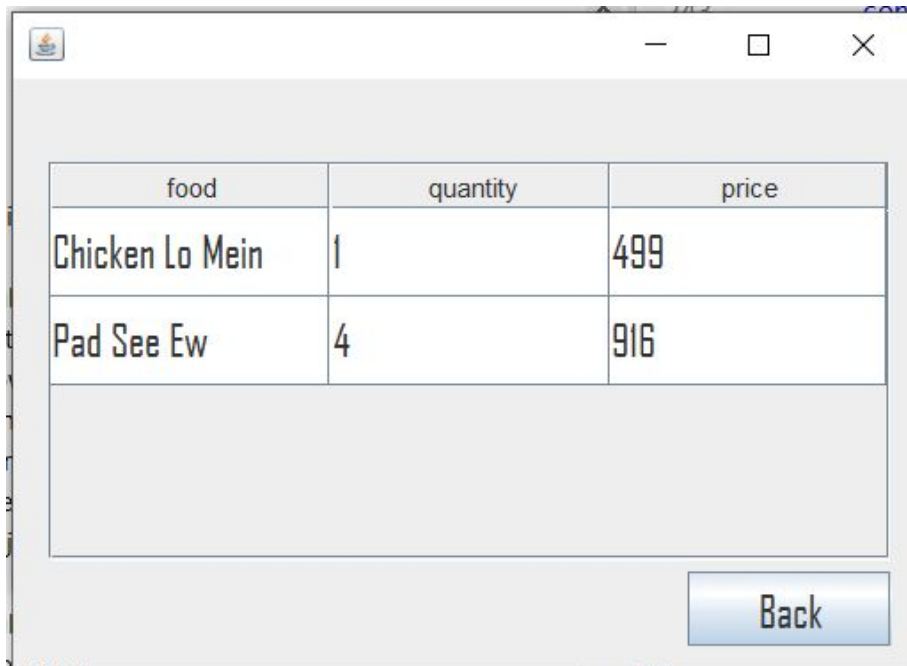


The screenshot shows a window titled "ORDERING THE FOOD". It contains a table with food items and their prices:

food	price
Chicken Kiev	349
Chicken Lo Mein	499
Chicken Marsala	399
Chicken Pad Thai	599

To the right of the table, there is a "Food" input field, a "Quantity" spinner (set to 1), and a "Price" slider. Below these are buttons: "Add", "Cart", "Reset Cart", "Confirm", and "Back".

*The cart shows all the added items.*



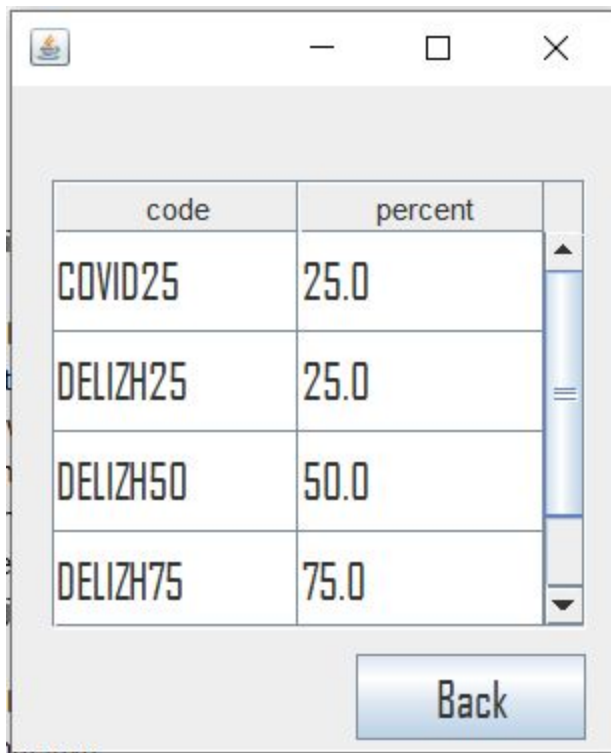
The screenshot shows a window titled "CART". It contains a table with food items, quantities, and prices:

food	quantity	price
Chicken Lo Mein	1	499
Pad See Ew	4	916

Below the table is a "Back" button.

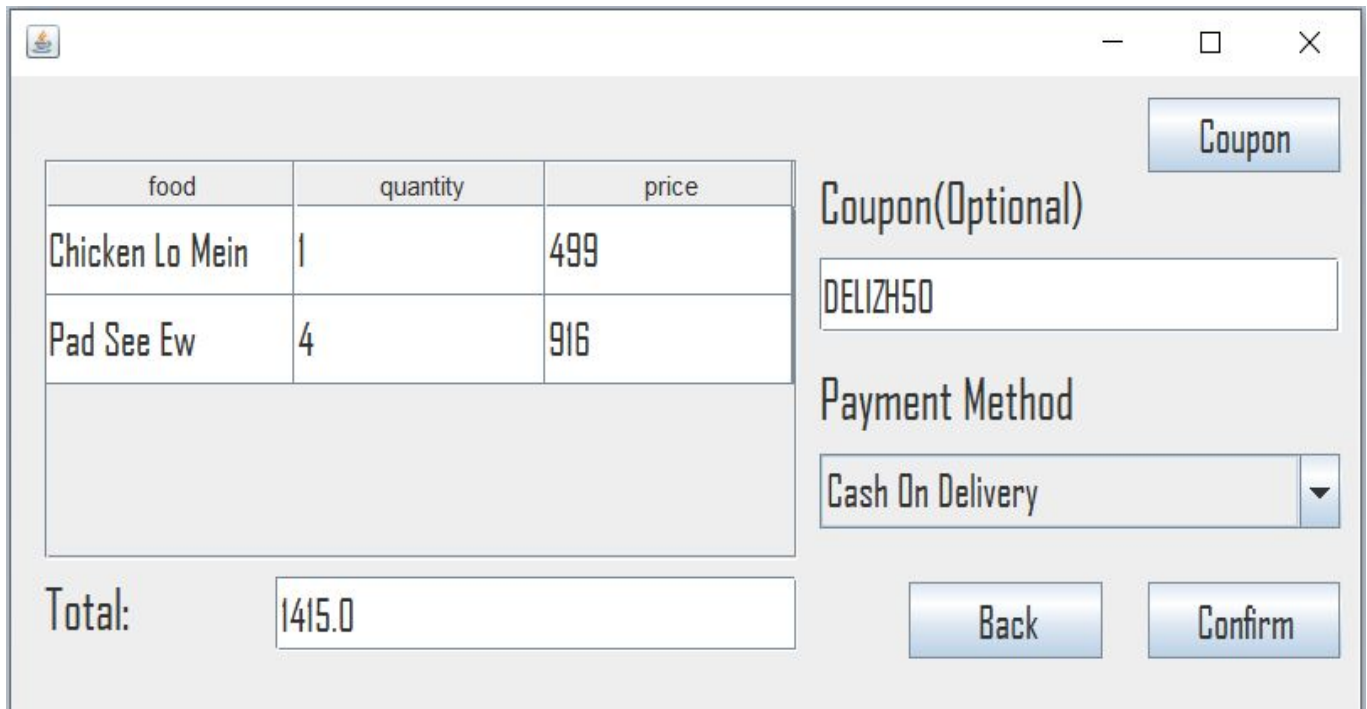
## COUPONS:

*The offers coupons are chosen by the user as per their wish*



*Confirming the order is one of the most essential parts*

*Where the user gets to review their order. It also includes the payment options as Cash on Delivery, netbanking and credit/debit cards*



A screenshot of a web application window. The window has a title bar with a minimize, maximize, and close button. The main content area is divided into two sections. On the left, there is a table with three columns: 'food', 'quantity', and 'price'. The table contains two rows: 'Chicken Lo Mein' with a quantity of 1 and a price of 499, and 'Pad See Ew' with a quantity of 4 and a price of 916. Below the table, there is a 'Total:' label followed by a text input field containing '1415.0'. On the right side of the window, there is a 'Coupon(Optional)' section with a text input field containing 'DELIZH50'. Below this is a 'Payment Method' section with a dropdown menu showing 'Cash On Delivery'. At the bottom right, there are two buttons: 'Back' and 'Confirm'. A 'Coupon' button is located at the top right of the main content area.

food	quantity	price
Chicken Lo Mein	1	499
Pad See Ew	4	916

Total: 1415.0

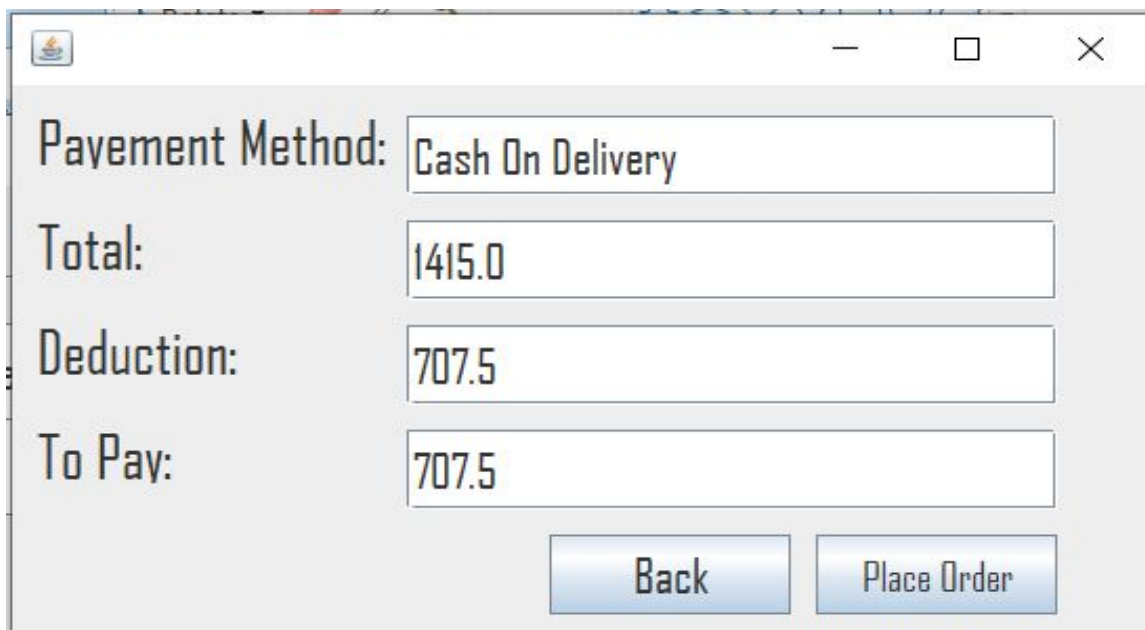
Coupon(Optional)  
DELIZH50

Payment Method  
Cash On Delivery

Back Confirm

## **PAYMENT METHODS:**

- CASH ON DELIVERY**



A screenshot of a web application window. The window has a title bar with a minimize, maximize, and close button. The main content area contains four labels with corresponding text input fields: 'Payement Method:' with 'Cash On Delivery', 'Total:' with '1415.0', 'Deduction:' with '707.5', and 'To Pay:' with '707.5'. At the bottom, there are two buttons: 'Back' and 'Place Order'.

Payement Method: Cash On Delivery

Total: 1415.0

Deduction: 707.5

To Pay: 707.5

Back Place Order



- **NET BANKING**

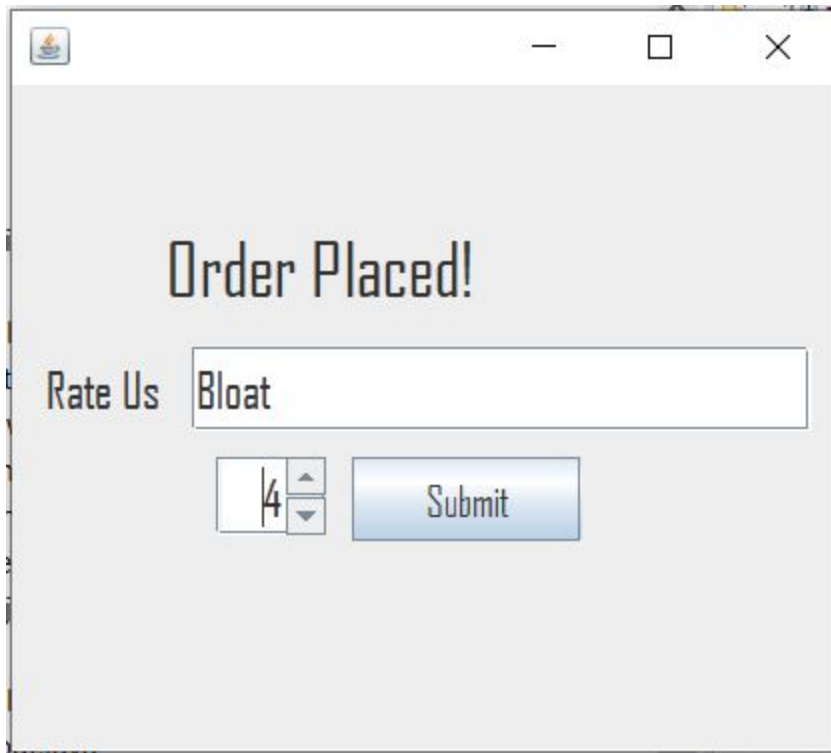
Payment Method:	<input type="text" value="Net Banking"/>	Username:	<input type="text" value="Roshan Nihaal"/>
Total:	<input type="text" value="359.0"/>	Password:	<input type="password" value="*****"/>
Deduction:	<input type="text" value="0.0"/>	<input type="button" value="Back"/>	<input type="button" value="Place Order"/>
To Pay:	<input type="text" value="359.0"/>		

- **DEBIT CARD/CREDIT CARD OPTION**

Payment Method:	<input type="text" value="Debit Card"/>	Username:	<input type="text" value="Roshan Nihaal"/>
Total:	<input type="text" value="549.0"/>	Password:	<input type="password" value="*****"/>
Deduction:	<input type="text" value="411.75"/>	<input type="button" value="Back"/>	<input type="button" value="Place Order"/>
To Pay:	<input type="text" value="137.25"/>		

## ***RATING:***

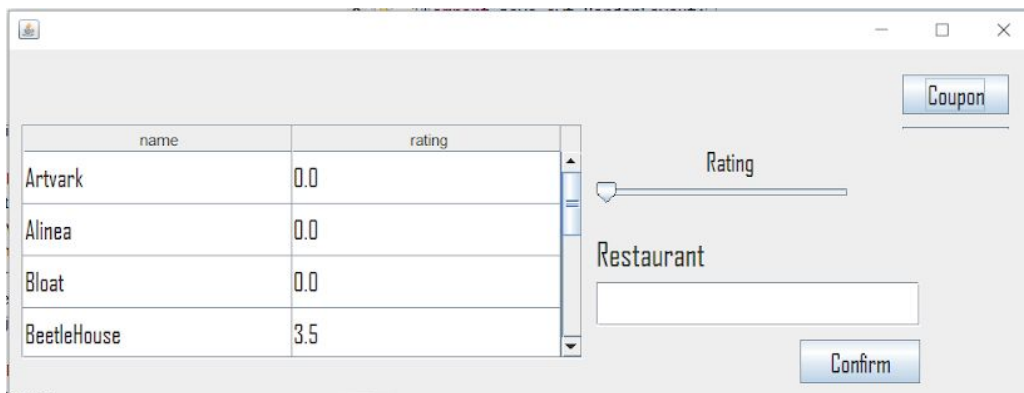
**ONCE THE ORDER IS PLACED AND DELIVERED ,YOU GET TO RATE THE FOOD QUALITY AND SERVICE.**



Order Placed!

Rate Us

***This is stored in the admin database as well.***



name	rating
Artvark	0.0
Alinea	0.0
Bloat	0.0
BeetleHouse	3.5

Rating

Restaurant

Thus the DELIZH has the above mentioned features. Its a practical user friendly application with room for improvement so we can cope up with further endeavors as well.

## **A LOOK INTO OUR DATABASE:**

Let's have a peek into our database for better understanding of the application.

## **INITIALLY WE HAVE ADMINS:**

```
MariaDB [delizh]> select * from adminacc;
+-----+-----+
| user_name | password |
+-----+-----+
| amar      | gym      |
| kamal     | projee   |
| rosh      | heavyfood |
+-----+-----+
3 rows in set (0.000 sec)

MariaDB [delizh]> _
```

## THEN WE HAVE THE RESTAURANT LIST:

```
MariaDB [delizh]> select * from restaurant;
```

name	rating	person
Artvark	0	0
Alinea	5	1
Bloat	4	1
BeetleHouse	3.5	2
Crabernacle	2	1
Dote	0	0
Eternity	0	0
Flavoroso	0	0
Humburger	0	0
Ithaa	0	0

```
10 rows in set (0.000 sec)
```

## THE USER ACCOUNTS ARE MAINTAINED PRIVATELY:

```

MariaDB [delizh]> select * from useracc;
+-----+-----+-----+
| name          | user_name | password |
+-----+-----+-----+
| Roshan Nihaal | Roshan    | nopassword |
+-----+-----+-----+
1 row in set (0.000 sec)

```

**THE MENU OF SOME OF THE RESTAURANTS WITH THEIR PRICES ARE AS FOLLOWS:**

```

MariaDB [delizh]> select * from alinea;
+-----+-----+
| food                | price |
+-----+-----+
| Chicken Couscous    | 249   |
| Chicken Quesadillas | 499   |
| Garlic Fried Rice   | 129   |
| Grilled Halloumi    | 199   |
| Mexican Salsa       | 199   |
| Mexician Chilli Rice | 129   |
| Spicy Thai Chicken  | 449   |
| Spinach Lasagna     | 799   |
| Thai Chicken Satay  | 399   |
| Yakitori Chicken   | 549   |
+-----+-----+
10 rows in set (0.000 sec)

```

```
MariaDB [delizh]> select * from bloat;
```

food	price
Chicken Kiev	349
Chicken Lo Mein	499
Chicken Marsala	399
Chicken Pad Thai	599
Chicken Parmigiana	249
Pad Kee Mao	299
Pad See Ew	229
Pad Thai	119
Shakshouka	239
Spinach Quesadillas	229

10 rows in set (0.000 sec)

```
MariaDB [delizh]> select * from eternity;
```

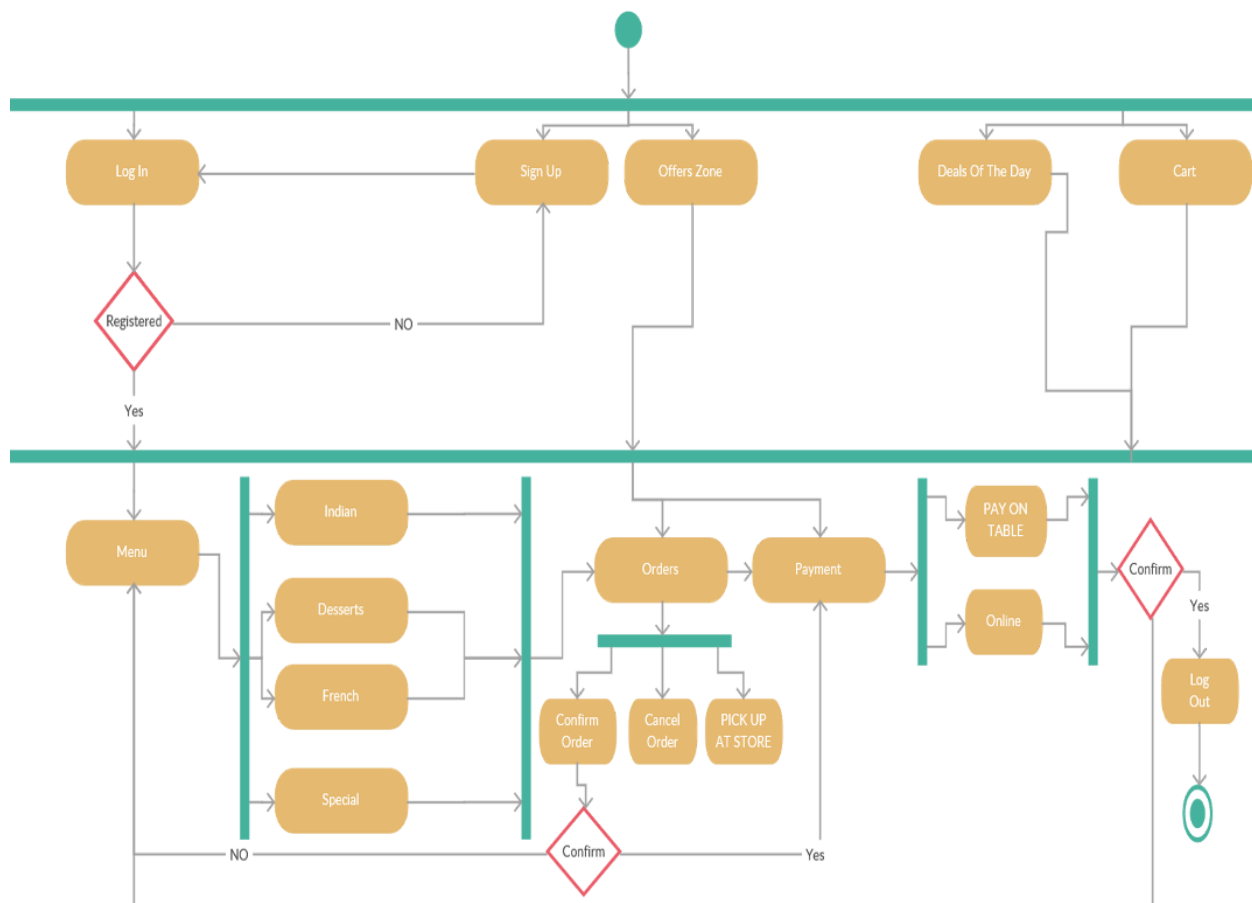
food	price
Butter Prawns	129
Chicken Pulav	199
Chicken Rolls	199
Greek Pastellis	149
Mutton Mince Burger	349
Pan Seared Chicken	299
Paneer Lababdar	119
Spaghetti	99
Sweet potatoes	49
White forest Fudge	99

## SOFTWARE REQUIREMENT SPECIFICATION

The purpose of this SRS is to outline both the functional and non-functional requirements of the subject RMOS.

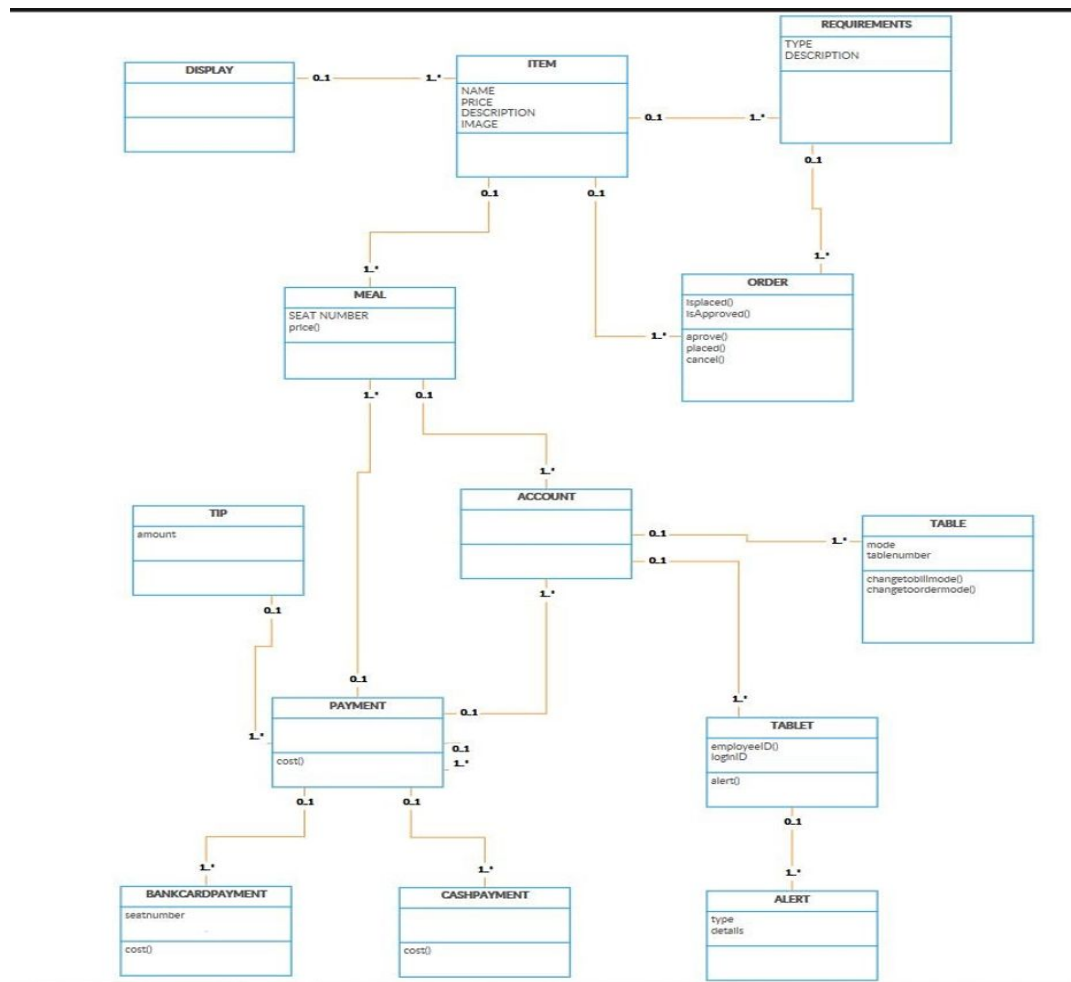
In addition to said requirements, the document also provides a detailed profile of the external interfaces, performance considerations and design constraints imposed on the subsequent implementation.

### SWIMLANE DIAGRAM:





## CLASS\_DIAGRAM:




**(THE SRS ALONG WITH THE COST-ESTIMATION IS ENCLOSED WITHIN THE FOLDER FOR BETTER UNDERSTANDING OF SOFTWARE)**



## CONCLUSION:

*Therefore, conclusion of the proposed system is based on user's need and is user centered. The system is developed in considering all issues related to all user which are included in this system. Wide range of people can use this if they know how to operate android smart phone. Various issues related to Mess/Tiffin Service will be solved by providing them a full fledged system. Thus, implementation of Food Ordering system is done to help and solve one of the important problems of people.*

*Based on the result of this research, it can be concluded: It helps customer in making order easily. It gives information needed in making order to customer. The Food order application made for restaurant and mess can help restaurant and mess in receiving orders and modifying its data and it is also made for admin so that it helps admin in controlling all the Food system. With food ordering system, a restaurant and mess menu online can be set up and the customers can easily place order. Also with a food menu, tracking the orders is done easily, it maintain customer's database and improve the food delivery service. The restaurants and mess can even customize on restaurant menu and upload images easily, potential customers can*



*easily access it and place order at their convenience. Thus, an automated food ordering system is presented with features of feedback and wireless communication. The proposed system would attract customers and adds to the efficiency of maintaining the restaurant and mess ordering and billing sections.*

*Scope of the proposed system is justifiable because in large amount peoples are shifting to different cities so wide range of people can make a use of proposed system.*