



# KHULNA UNIVERSITY OF ENGINEERING & TECHNOLOGY

## KUET

### SESSIONAL REPORT

Department Of CSE Course No. CSE 3100

Experiment No. \_\_\_\_\_

Name of the Experiment "restManage : A web-based system to  
manage restaurant"

Remarks

Date of Performance .....

Date of Submission 23/01/2022

Name Shupta Das

Roll No 1709001

Group No A1

Year 3rd

Semester 1st

## Objectives :

- To make a restaurant management system with html, css, javascript and php.
- To design the webpage more responsive using javascript.
- To design the front-end with html, css and the back-end with php, mysql.
- To make necessary data manipulation from the user data.

## Introduction:

"restManage": A web-based system to manage restaurant is a restaurant management system from where the user can order food, view ratings, give ratings and so on. It provides users an alternative to have food without going to the restaurant. The service

comes up with a home delivery service to reach people in remote areas. This is a small step towards creating a virtual restaurant that can be used by every people.

## Background :

Most of the businesses and services are shifting to the online market now-a-days. Online food-delivery system like FoodPanda, Pathao Food, HungryNaki, FoodMart gained much popularity in recent years.

Our goal was to create a restaurant management system that would allow people to order food at a low cost by seeing the ratings and reviews of the food.



## Project details :

This system is done to maintain the restaurant in online. The front-end is designed with HTML, CSS and JS. The back-end is designed with PHP and MySQL. There are different pages —

i. Login/Registration: Both login and registration is used in the same page using the JavaScript function 'animate()'. Both section is designed with a 'form'. Then the form-value is retrieved and stored in the phpMyAdmin tool where the MySQL database is stored.

ii. Homepage: In the home page there is a sidebar having the links for each page. There is an attractive slide show of

foods and below that there is an about section. containing contact details about the developers.

iii. User Profile: In this section, a 'form' is given to get values and profile image and could be updated.

iv. Foods: In the foods section, there are variety of foods according to the food-category. foods contain images price, availability in each 'div'. 'Flex-container' is used here to merge all the foods. There is a button to order food. By clicking there, foods could be ordered according to proportion and transaction id should be provided and confirm the order. Last ordered food is ~~seen~~ shown here using the 'cookie'.

v. Ratings and Reviews : In this section user could see the overall ratings and reviews from the users sorting by date.

v. Purchases : In this section is a table view is shown with all purchased food. one can give review for their ordered food.

vi. Logout : In the logout section the 'session' is destroyed which is set when the login is successful. Each page is accessible when the login is successful handled by the session.

vii. ~~Admin~~ Manager Section : Using a specific login account manager can access

the Manager section. Manager can add food, update an existing food, add a category, view orders and update orders.



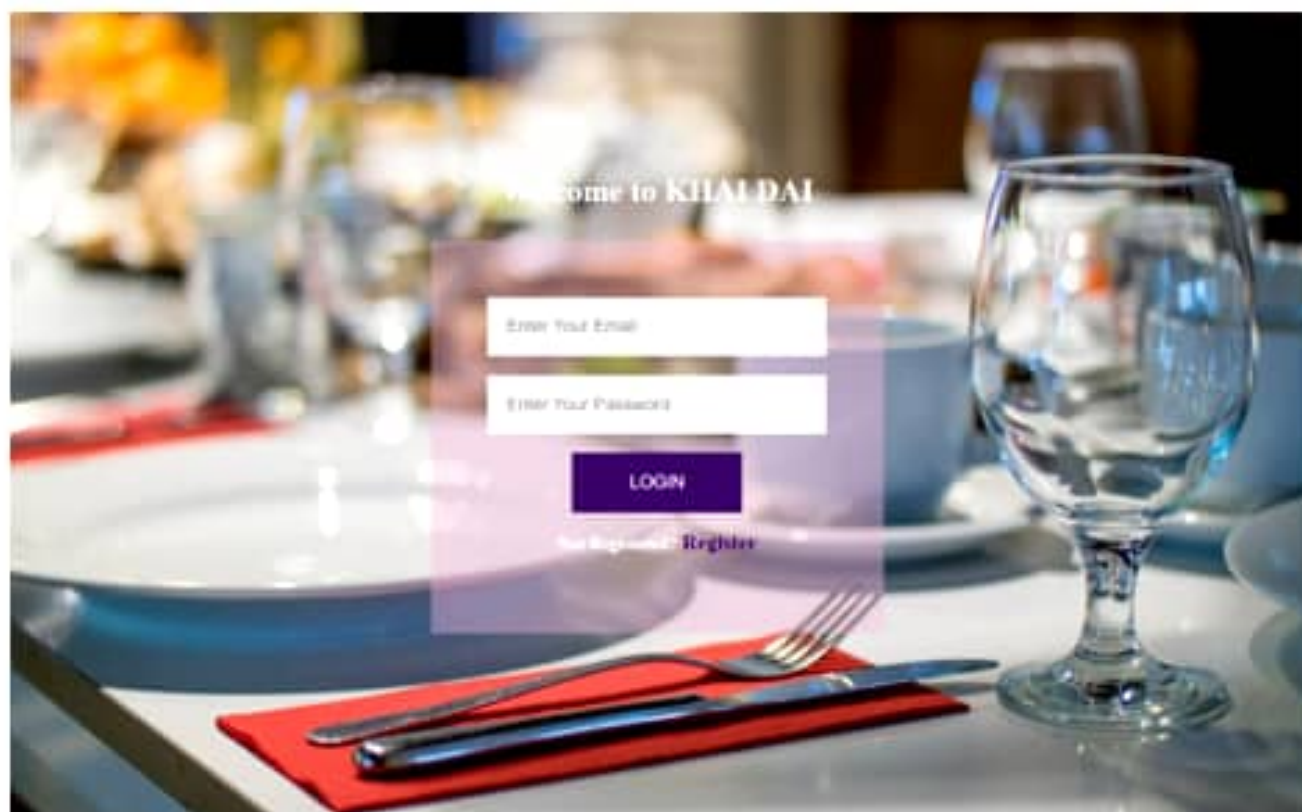


Figure 1: Login/Registration page



Figure 2: User homepage With Sidebar



## Purchases~

Date	Food Name	Amount	Add Review
2022-01-14	BBQ Chicken	4	<a href="#">Add</a>
2022-01-14	Rajasthani Mutton	1	<a href="#">Add</a>
2022-01-14	Rendopilla	8	<a href="#">Add</a>
2022-01-14	Mutton Bhuna	5	<a href="#">Add</a>
2022-01-13	Mutton Kosha	6	<a href="#">Add</a>
2022-01-13	Rendopilla	5	<a href="#">Add</a>
2022-01-13	Rajasthani	2	<a href="#">Add</a>

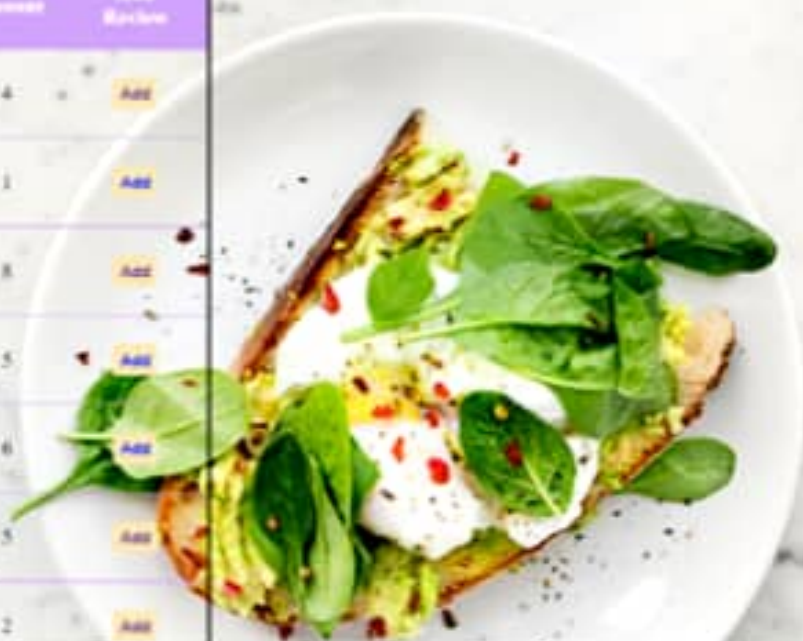


Figure 3: Purchases

You ordered BBQ Chicken last time. Try something new!

## Mutton Items:



Hydrabadi Mutton  
Price : 155TK

[Order Now](#)



Mutton Curry  
Price : 120TK

[Order Now](#)



Mutton Bhuna  
Price : 130TK

[Order Now](#)



Mutton Kosha  
Price : 130TK

[Order Now](#)

Figure 4: Foods

**Your Profile Picture-**



**Select a new profile picture-**

No file chosen

**User Name-**

Shupta

**User Email-**

shupta@gmail.com

**User Password-**

123456

**User Mobile Number-**

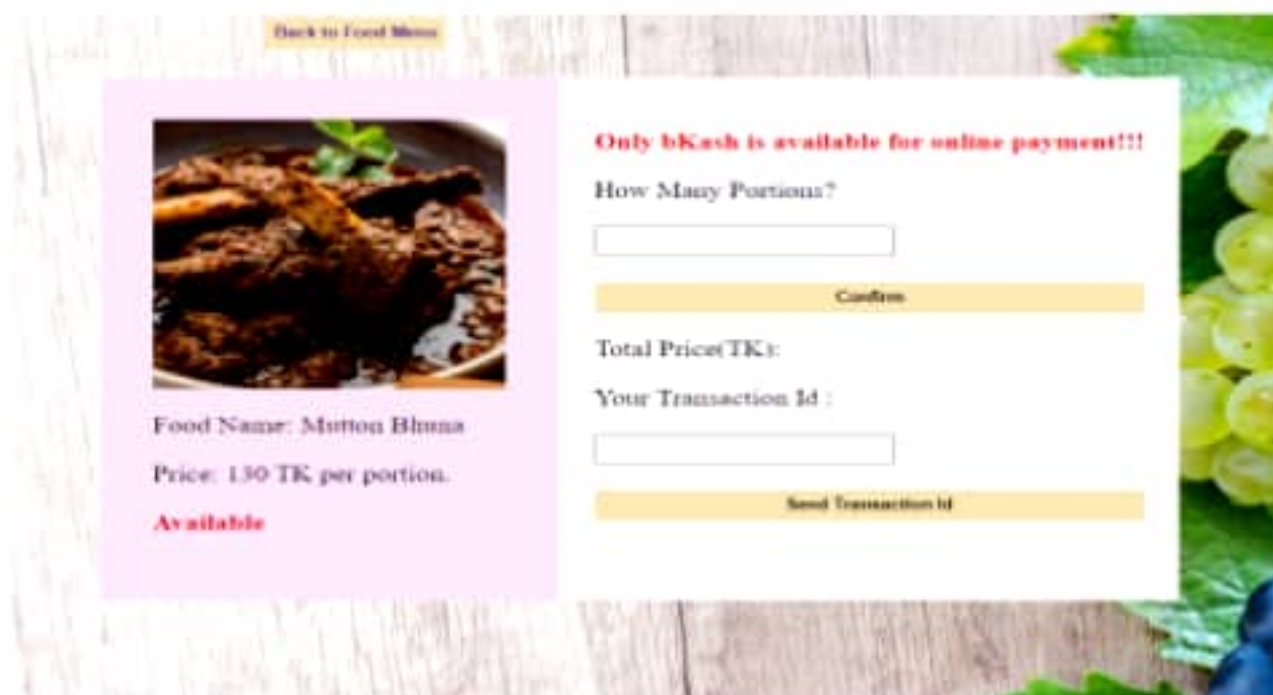
Update Mobile Number

**User Address-**


Update Address

**UPDATE**

Figure 5: User Profile



Back to Food Menu



Food Name: Mutton Bhuna  
Price: 150 TK per portion.  
**Available**

**Only bKash is available for online payment!!!**

How Many Portions?

Confirm

Total Price(TK):

Your Transaction Id :

Send Transaction Id

Figure 6: Food order confirm

### Food Reviews and Ratings by Users

<p><b>Food Name : Rabet Roshmalai</b></p> <p>2022-01-17</p> <p>Rating : 9</p> <p>Review : very tasty by Antika</p>
<p><b>Food Name : Chingri Bhuna</b></p> <p>2022-01-17</p> <p>Rating : 5</p> <p>Review : nice by rpi</p>
<p><b>Food Name : Zafraan Chicken Biryani</b></p> <p>2022-01-17</p> <p>Rating : 10</p> <p>Review : nice by sumi</p>

Figure 7: User's food ratings and reviews



A screenshot of a web form for adding a review. The form is white and centered on a background of a pink marble surface with a corn cob and lemons. It contains fields for food name, rating, and a review text area, with a 'Send' button at the bottom.

**Food Name : Rajasthani Mutton**

**Rating:**

out of 10

**Review:**

something about the food and service.

**Send**

Figure 8: User's facility to add review

## Manager Section ~

### Notifications-

>>>User Id : 1 ordered for food no. : 28 amount : 2  
>>>User Id : 3 ordered for food no. : 11 amount : 2  
>>>User Id : 1 ordered for food no. : 25 amount : 3  
>>>User Id : 1 ordered for food no. : 2 amount : 2  
>>>User Id : 8 ordered for food no. : 33 amount : 1

### Menu-

**Food**

**Food Category**

**Food Orders**

Figure 9: Manager's section

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## Foods

Select the Category: Mutton

New Food Image:  No file chosen



Food Id	FC Id	Food Name	Image	Price	Availability	Edit
97	17	aaa		60	1	<input type="button" value="Change"/>
96	17	ccc		25	1	<input type="button" value="Change"/>

Figure 10: Manager's food section

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## Food Categories

FC Id	FC Name	Total Item
1	Mutton	7
2	Chicken	6
3	Fish	10
4	Biryani	7
5	Rice	4

Figure 11: Manager's food category

## Food Orders

Order No.	User Id	Food Id	Food Name	Amount	Total Price	Transaction Id	Date	Status	Update
32	21	42	Rabai Rendang	1	30	1111www	2022-01-17	<input type="checkbox"/>	<a href="#">Update</a>
33	22	20	Chicken Bismar	4	200	azpmda	2022-01-17	<input type="checkbox"/>	<a href="#">Update</a>
34	23	30	Zefina Chicken Biryani	2	300	qwered	2022-01-17	<input type="checkbox"/>	<a href="#">Update</a>
34	1	28	Chicken Biryani	2	300	ibtyre	2021-11-27	<input checked="" type="checkbox"/>	<a href="#">Update</a>
36	3	11	BBQ Chicken	2	120	afgaqr	2021-11-27	<input checked="" type="checkbox"/>	<a href="#">Update</a>
37	1	25	Kajoli mackerel	3	180	akjd567	2021-11-27	<input checked="" type="checkbox"/>	<a href="#">Update</a>

Figure 12: Manager's food order update



## Discussion:

The work done both in terms of analyzing and implementing the system is by no means complete. So more steps:

- Make the system more secure by high-level framework like Django or Laravel.
- Create android/iOS application for the system.
- Create a recommendation system.

Conclusion: The system was developed with the aim to make the online food delivery more easier and cheaper ~~for~~ at low-cost. We believe, with proper deployment the system will be beneficial for numerous people.

## Reference :

- i) <http://www.foodpanda.com>,
- ii) <http://www.w3schools.com/php>.