



American International University- Bangladesh

Restaurant Management Project

WEB TECHNOLOGIES [L]

Summer 2020-2021

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Introduction:

A restaurant management system is a collective term for software that helps streamline food business operations. This system is developed to automate day to day activity of a restaurant. Main objective to build the system this is to provide ordering and reservation service by online to the customer.

Background Study:

“caffesocial” is our reference website. It is a dynamic website that is engageable to customers. Which helps to find out-

- Tracking Sales.
- Automatic Analysis.
- Employee Satisfaction.
- Reduction of Errors.
- Enhanced Productivity

Requirement Analysis:

▪ **User Category:**

There are n-types of Users here. They are:

- Admin
- Staff
- Customer
- Supplier

▪ **FeatureList:**

In this project the “Admin” has the following features:

- Login
- Admin Dashboard
- Admin Liat
- Edit Profile
- Change Password
- Add Admin
- Staff List
- Add Staff
- Supplier List
- Add Supplier
- Log out
- Validation

In this project the “Staff” has the following features:

- Login/Logout
- Registration
- Data Read Write.
- Validation

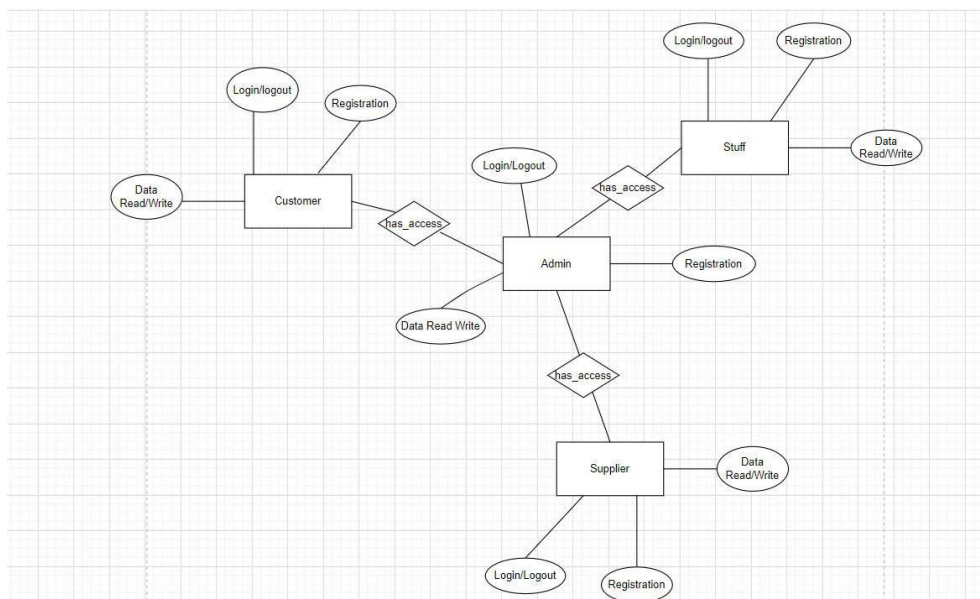
In this project the “Customer” has the following features:

- Login/Logout
- Registration
- Data Read Write.
- Validation

In this project the “Supplier” has the following features:

- Login/Logout
- Registration
- Data Read Write.
- Validation

Design:



Tools Used:

To develop this project, we have used the following:

- VS CODE
- XAMPP
- BROWSER

Admin




Log In

Username:

Password:

[Back](#)

This is the login page of Admin user. Admin can login through this page.

Admin	<p style="text-align: center;">Welcome admin</p> <p>Name: Nedul kumer roy</p>  <p>User Name: admin</p> <p>Email: asd@gmail.com</p> <p>Gender: Male</p> <p>Date: 2021-07-22 19:30:17</p>
<ul style="list-style-type: none"> Admin Dashboard Admin List Edit Profile Change Password Add Admin Staff List Add Staff Supplier List Add Supplier Log Out 	

This is the home page of admin user.

Admin	Admin List				
<ul style="list-style-type: none"> Admin Dashboard Admin List Edit Profile Change Password Add Admin Staff List Add Staff Supplier List Add Supplier Log Out 	Name	Email	Username	Gender	Date Of Birth
			jamy		2021-07-31 19:25:09
	Nedul kumer roy	asd@gmail.com	admin	Male	2021-07-22 19:30:17
	asdasd	asdad	asdasd		2021-08-10 00:00:00
	dasd	asdasd	asdasd	Male	2021-08-03 00:00:00
	asda	asdsa	asasdas	Male	2021-08-02 00:00:00
	sASas	as	ASas	Female	2021-08-02 00:00:00
	Nedul kumer roy	asd@gmail.com	nedul	Female	2021-08-10 00:00:00
	Nedul kumer roy	asdsdh@gmail.com	bijoy	Male	2021-06-17 00:00:00

This is the Admin list. Admin can add through this page.

Admin	<p style="text-align: center;">Change Password</p> <p>Old Password <input type="password"/></p> <p>New Password <input type="password"/></p> <p>Confirm password <input type="password"/></p> <p><input type="button" value="Submit"/> <input type="button" value="Reset"/></p>
<ul style="list-style-type: none"> Admin Dashboard Admin List Edit Profile Change Password Add Admin Staff List Add Staff Supplier List Add Supplier Log Out 	

This is the change password page of Admin user. Admin can change password through this page.

<div>Admin</div> <div><ul style="list-style-type: none">Admin DashboardAdmin ListEdit ProfileChange PasswordAdd AdminStaff ListAdd StaffSupplier ListAdd SupplierLog Out</div>	<div>Registration</div> <div><div>Name</div><div>Email</div><div>UserName</div><div>Password</div><div>Gender<div><div><input type="radio"/> Male</div><div><input type="radio"/> Female</div><div><input type="radio"/> Other</div></div></div><div>Date Of Birth<div>mm/dd/yyyy</div></div><div><div>Submit</div><div>Reset</div></div></div>
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This is the Add page of Admin user. Admin can Add through this page.

<div>Admin</div> <div><ul style="list-style-type: none">Admin DashboardAdmin ListEdit ProfileChange PasswordAdd AdminStaff ListAdd StaffSupplier ListAdd SupplierLog Out</div>	<div>Stuff List</div> <table><tr><th>Full Name</th><th>Email</th><th>Gender</th><th>Designation</th><th>Favourite Food</th><th>Delete</th></tr><tr><td>klmno</td><td>klmno@gmail.com</td><td>Male</td><td>Chef</td><td>local\$fast-food</td><td>Delete</td></tr><tr><td>pqrst</td><td>pqrst@gmail.com</td><td>Male</td><td>Waiter</td><td>chinese</td><td>Delete</td></tr><tr><td>adasd</td><td>adasd</td><td>Male</td><td>asdasda</td><td>sdasdasd</td><td>Delete</td></tr><tr><td>Nedul kumer roy</td><td>asd@gmail.com</td><td>Male</td><td>bdvc</td><td>abc</td><td>Delete</td></tr><tr><td>bijoy</td><td>bijoy@gmail.com</td><td>Male</td><td>abc</td><td>food</td><td>Delete</td></tr></table>	Full Name	Email	Gender	Designation	Favourite Food	Delete	klmno	klmno@gmail.com	Male	Chef	local\$fast-food	Delete	pqrst	pqrst@gmail.com	Male	Waiter	chinese	Delete	adasd	adasd	Male	asdasda	sdasdasd	Delete	Nedul kumer roy	asd@gmail.com	Male	bdvc	abc	Delete	bijoy	bijoy@gmail.com	Male	abc	food	Delete
Full Name	Email	Gender	Designation	Favourite Food	Delete																																
klmno	klmno@gmail.com	Male	Chef	local\$fast-food	Delete																																
pqrst	pqrst@gmail.com	Male	Waiter	chinese	Delete																																
adasd	adasd	Male	asdasda	sdasdasd	Delete																																
Nedul kumer roy	asd@gmail.com	Male	bdvc	abc	Delete																																
bijoy	bijoy@gmail.com	Male	abc	food	Delete																																

This is the stuff list page of Admin user. Admin can check stuff list through this page.

<div>Admin</div> <div><ul style="list-style-type: none">Admin DashboardAdmin ListEdit ProfileChange PasswordAdd AdminStaff ListAdd StaffSupplier ListAdd SupplierLog Out</div>	<div>Registration</div> <div><div>Name</div><div>Email</div><div>Designation</div><div>Favourite Food</div><div>Gender<div><div><input type="radio"/> Male</div><div><input type="radio"/> Female</div><div><input type="radio"/> Other</div></div></div><div><div>Submit</div><div>Reset</div></div></div>
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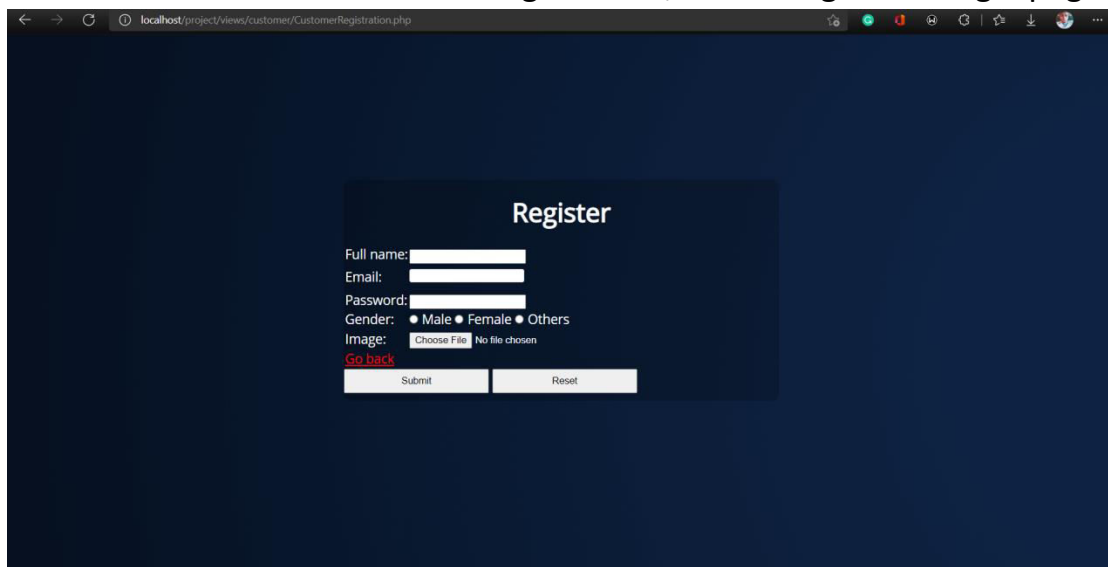
Customer

Features:

- Register
- Login
- View Profile
- Edit Profile
- View All other Customers
- Delete Profile
- Logout

1. Register

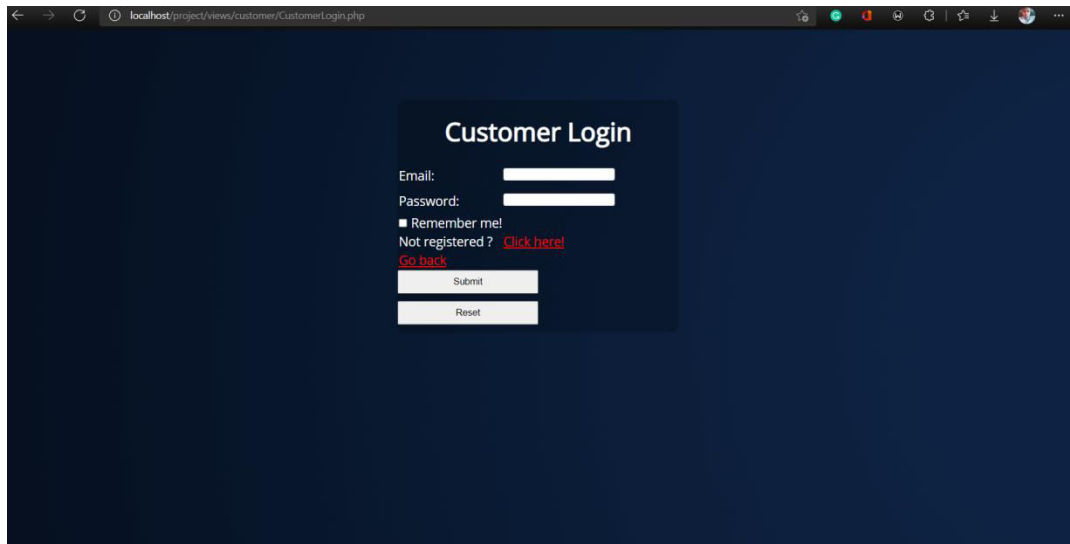
User has to fill all input. User will get an error message if email already exists or validation fails. After successful registration, user will get into login page.



The screenshot shows a web browser window with the address bar displaying 'localhost/project/views/customer/CustomerRegistration.php'. The main content area has a dark blue background. In the center, there is a white rectangular box containing the registration form. The form is titled 'Register' in bold. It includes the following fields and options: 'Full name:' with a text input field, 'Email:' with a text input field, 'Password:' with a text input field, 'Gender:' with three radio buttons labeled 'Male', 'Female', and 'Others', and 'Image:' with a file upload button labeled 'Choose File' and the text 'No file chosen'. Below these fields is a red link labeled 'Go back'. At the bottom of the form are two buttons: 'Submit' and 'Reset'.

2. Login


User has to fill all the input correctly, then after pressing Submit button, user will be redirected to view page by matching the Customer ID (CId) from database. If user check **Remember me?** function a token will be generated as cookie value and this will last for one week so that user do not have to login manually every time.



3. View Profile

After successful login, user will be redirected to View page where user can see the profile.

All Customers View Profile Edit Profile Delete Profile Logout

Image	Full Name	Email	Gender
	maruf	maruf@gmail.com	Male

4. Edit Profile

User can edit the profile here. User does not have to fill all the inputs. User can modify the field user wants.

localhost/project/views/customer/CustomerEdit.php

All Customers View Profile Edit Profile Delete Profile Logout

Edit info

Customer ID: 9

Update full name:

Update email:

Update password:

Update gender: ☒ Male ☐ Female ☐ Others

Update image: No file chosen

5. View All Other Customers

User can see all other customers information here.

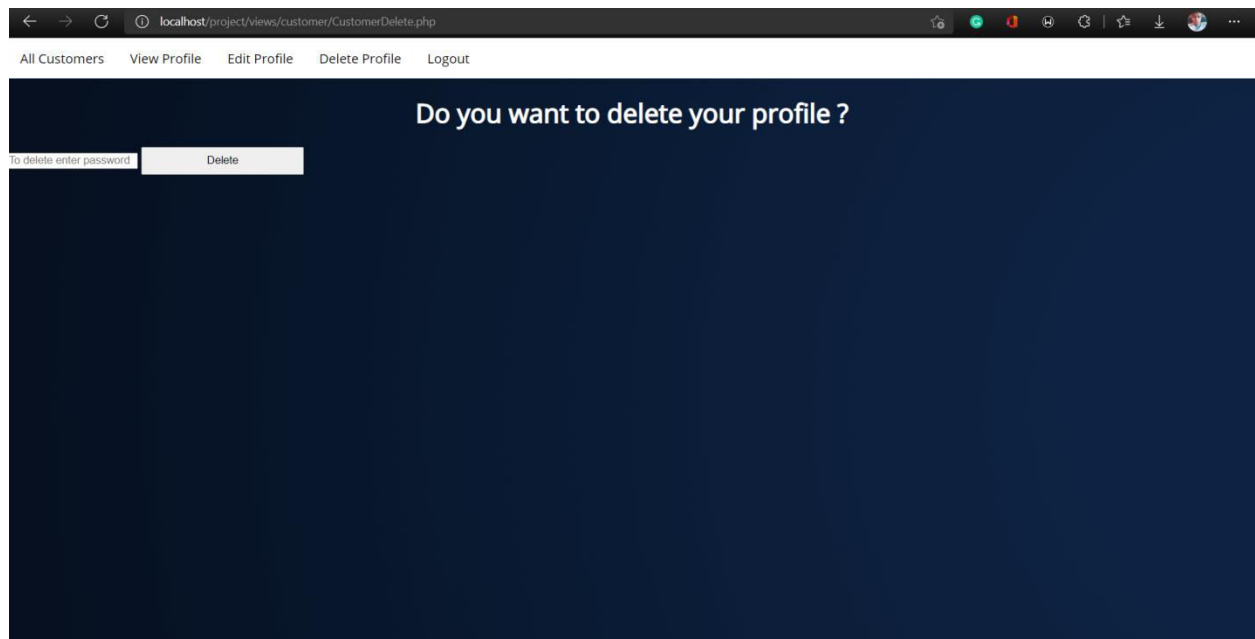
localhost/project/views/customer/allCustomer.php

All Customers View Profile Edit Profile Delete Profile Logout

Customer ID	Full Name	Email	Gender
7	rahim	rahim@gmail.com	Male
8	karim	karim@gmail.com	Male
9	maruf	maruf@gmail.com	Male

6. Delete Profile

By entering the password, user can delete the profile permanently and redirected to login page.



7. Logout

By clicking the logout button, user will be logged out and all cookie will be cleared.

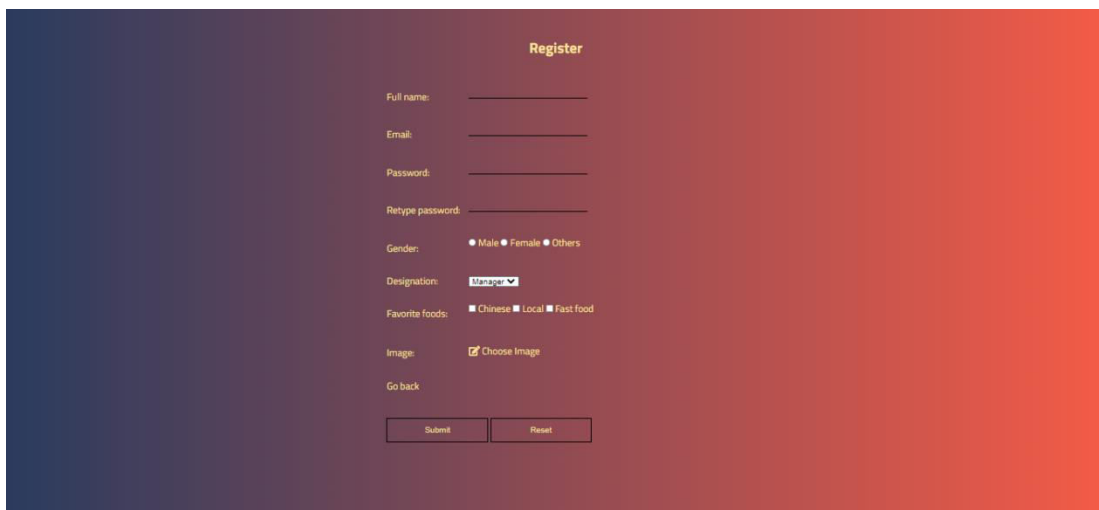
Staff

In this project Staff has the following features:

1. Register
2. Login
3. View profile
4. Edit profile
5. View all staffs
6. Search staffs
7. Add + view + edit members
8. Delete profile
9. Logout

1) Registration

To register a user have to fill all the input fields. User will get an error message if email address already exists or validation fails. If all the information provided are properly validated then user will be redirected to Login page.



Register

Full name:

Email:

Password:

Retype password:

Gender: ☒ Male ☐ Female ☐ Others

Designation:

Favorite foods: ☒ Chinese ☐ Local ☐ Fast food

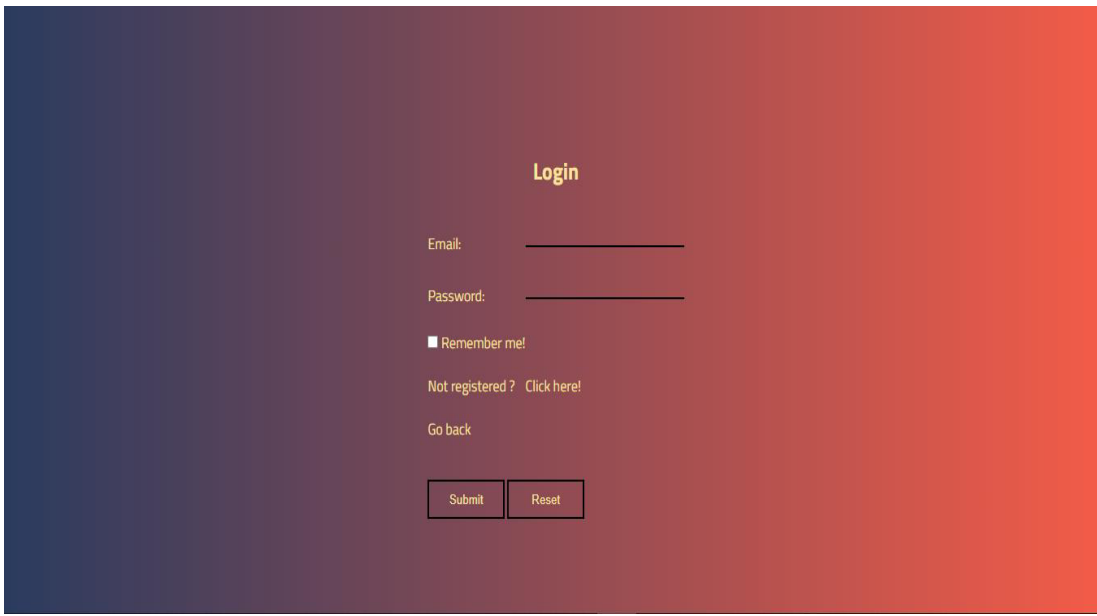
Image: ☒ Choose Image

[Go back](#)

2) Login

In the login page the user has to fill all the input field and press the submit button, if the user credentials are right then they will be redirected to view page with storing their **SId** in session , else they will be on the login page.

There is also a **remember me** functionality where the user have to check the box if all the credentials are okay a token will be stored as a persistent cookie value for one week .Within that time the user don't have to login manually, the user will be redirected directed to the view page.

A screenshot of a login form on a website. The background is a gradient of dark blue on the left and red on the right. The form is centered and contains the following elements: the word "Login" in a bold, dark font; an "Email:" label followed by a text input field; a "Password:" label followed by a text input field; a "Remember me!" checkbox with the text "Remember me!" to its right; a link "Not registered? Click here!" in a smaller font; a link "Go back" in a smaller font; and two buttons at the bottom, "Submit" and "Reset", each in a small rectangular box with a border.

Login

Email:

Password:

☐ Remember me!

Not registered? [Click here!](#)

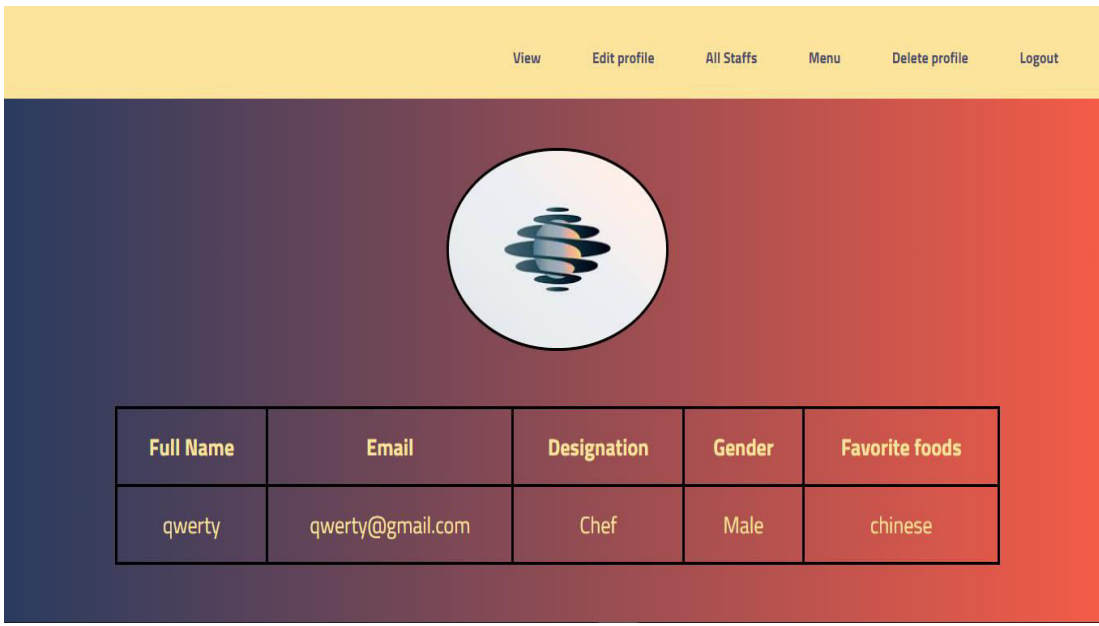
[Go back](#)

3) View profile

Here the user can view their information along with their image.

This page will redirect to login page if **SId** is missing.

It will see **SId** to retrieve information from the Database.



4) Edit profile

Here the user can **edit** their information along with their image. This page will redirect to login page if **Sid** is missing. It will use **Sid** to edit information of the user's table.

The user can update only one information or more and if the update has been successful the user will be redirected to view page.

Edit info

Update full name:

Update email:

Update password:

Retype password:

Update gender: ☒ Male ☐ Female ☐ Others

Update favorite foods: ☐ Chinese ☐ Local ☐ Fast food

Update image:



5) View all staffs

When the user press the **All Staffs** in the navigation bar he/she will be redirected to view all staffs page where the data is fetched from the database via Ajax.

View Edit profile All Staffs Menu Delete profile Logout					
Search staff by entering their name					
Image	Full Name	Email	Designation	Gender	Favorite foods
	fg hij	fg hij@gmail.com	Waiter	Female	local,fast-food
	qrstu	qrstu@gmail.com	Manager	Male	chinese,local,fast-food
	abcde	abcde@gmail.com	Chef	Male	chinese
	qwerty	qwerty@gmail.com	Chef	Male	chinese

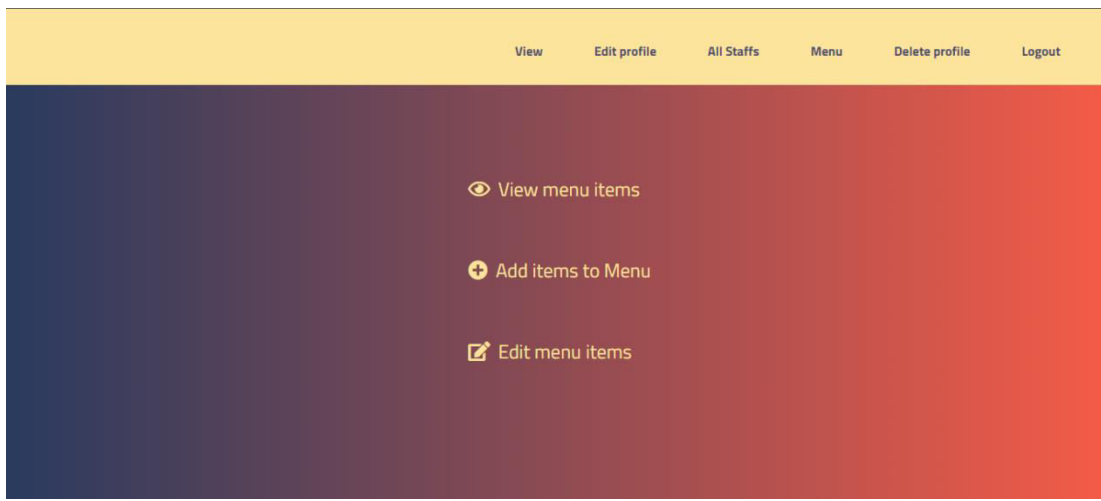
6) Search staffs

In the search field the user can insert username to find certain user/users.

View Edit profile All Staffs Menu Delete profile Logout					
Search staff by entering their name					
Image	Full Name	Email	Designation	Gender	Favorite foods
	qrstu	qrstu@gmail.com	Manager	Male	chinese,local,fast-food
	qwerty	qwerty@gmail.com	Chef	Male	chinese

7) Menu

Through this page the user can add,edit,view items in the menu.

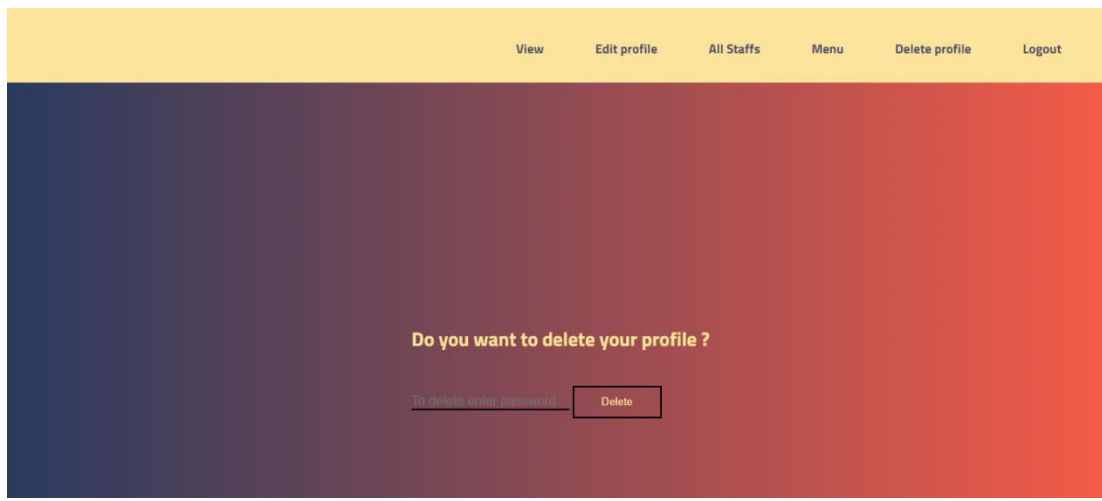


Here the user can add items to the menu or go back to **Menu** page.

A screenshot of the 'Add items to menu' form. The page has a yellow header bar with a 'Go back to previous page' link. The main content area has a dark blue to red gradient background. The form is titled 'Add items to menu' in yellow. It contains three input fields: 'Food name:' with a text input, 'Description:' with a text area, and 'Image:' with a 'Choose Image' button. At the bottom, there are two buttons: 'Submit' and 'Reset'.

8) Delete profile

Here the user can delete their entire profile, but to do so they have to enter their password, if the entered password matches the database's password the profile will be deleted and the user will be redirected to login page.



9) When the user logs out the session and cookie value is deleted.

Supplier

In this project Supplier has the following features:

1. Login
2. View profile & Update profile
3. View all supplier
4. Search supplier
5. Add item
6. View all item
7. Search item
8. Logout

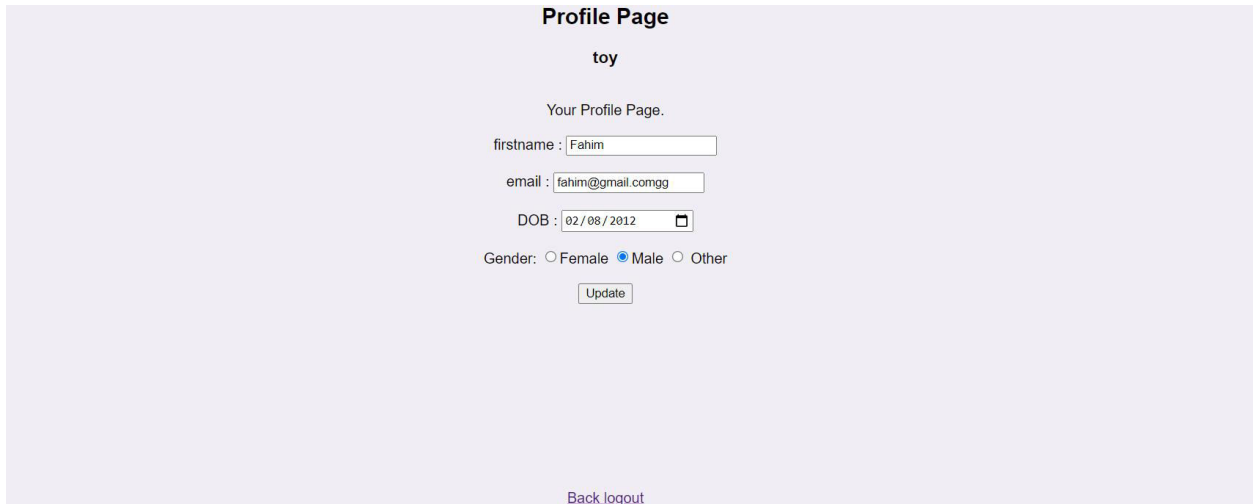
Login: In the login page the user has to fill all the input field and press the submit button, if the user credentials are right then they will be redirected to view page with storing their **user name** in session , else they will be on the login page.

[Home](#) [About US](#)

Login

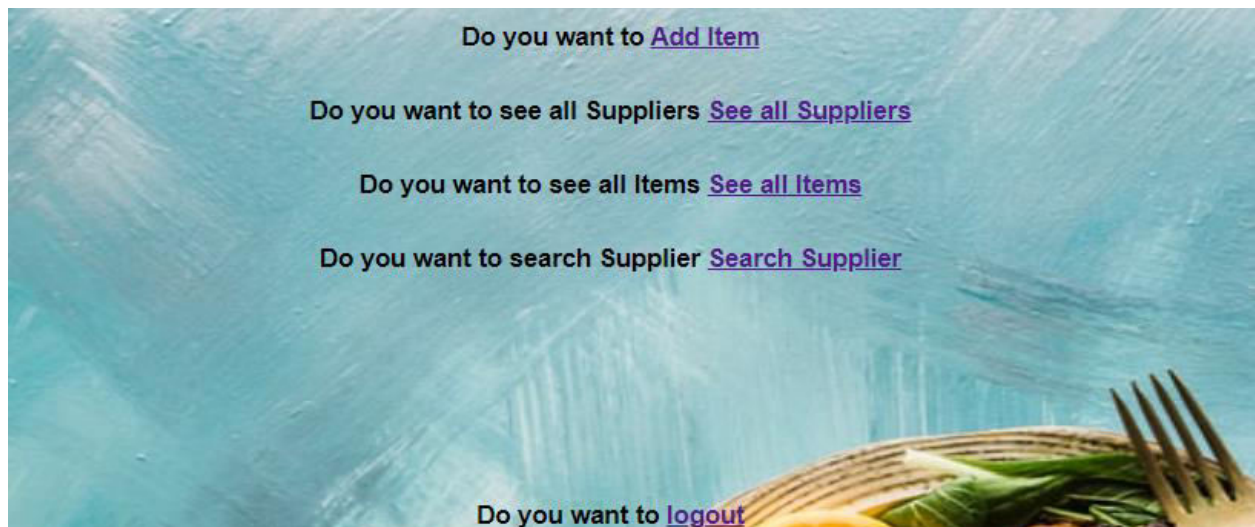
LOGIN

View profile & Update profile: Here the user can view their information along with their image. User can update his first name, gender, date of birth.

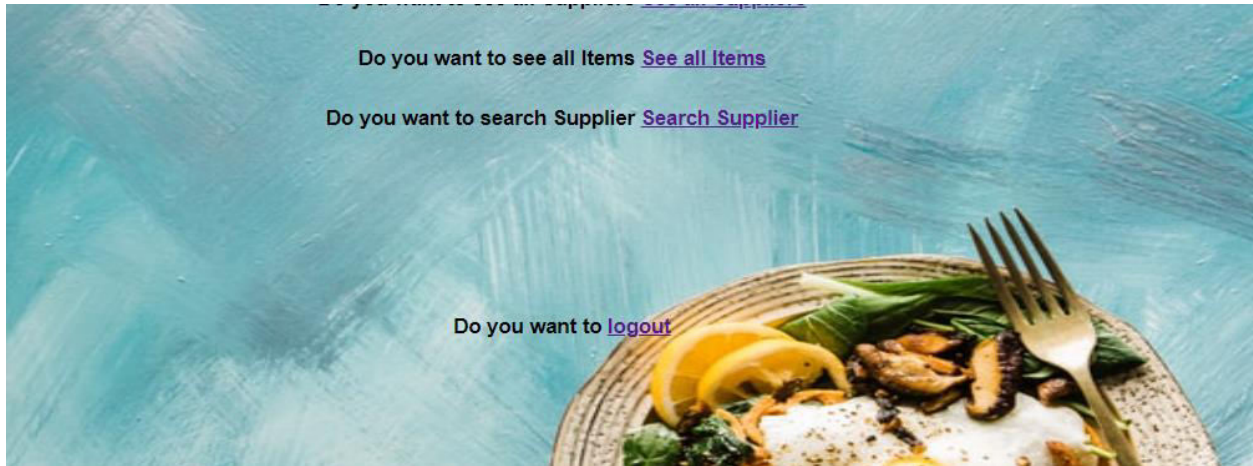


The screenshot shows a web page titled "Profile Page" with a light purple background. At the top, the text "toy" is displayed. Below it, the text "Your Profile Page." is shown. The form contains the following fields: "firstname : Fahim", "email : fahim@gmail.comgg", and "DOB : 02/08/2012" with a calendar icon. Below these fields, the "Gender:" section has three radio buttons: "Female", "Male" (which is selected), and "Other". At the bottom of the form is an "Update" button. At the very bottom of the page, there is a link that says "Back logout".

View all supplier: When the user press the All Suppliers in he/she will be redirected to view all staffs page where the data is fetched from the database .



Search supplier: In the search field the user can insert username to find certain user/users.



Add Item: User can add item in the data base.

Add New Item

Item Name:

Item Description:

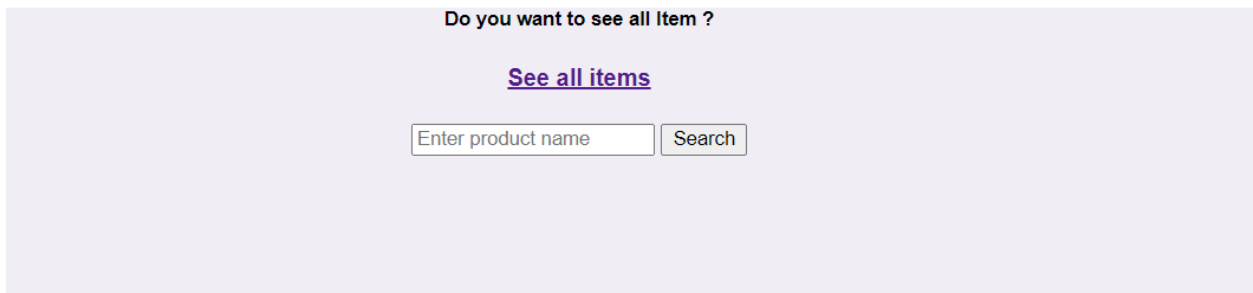
Item category:

Item Price:

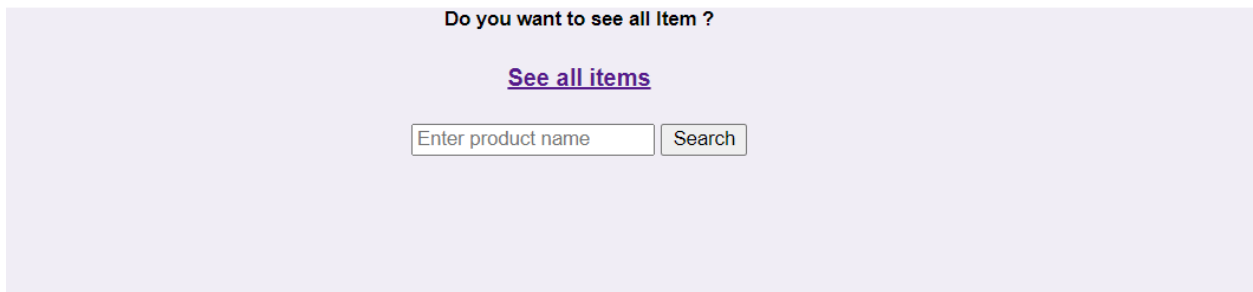
Item Image: No file chosen

[GO back](#)

View all item: User can view all item in the list by clicking the view all button. After clicking view all item user can able to see all item in sorted way.



Search item: User can search an item. In the search field the user can insert product name to find certain product.



Logout: After all operations user can logout from the system.

