

Food Delivery ksa

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I would like to thank all the members of the faculty for their comments and positive comments, especially the project supervisor, Dr. hani al ghaiz.

We have learned together in this project to get out in the best form that is satisfied by the projects committee in the department and the university.

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1-INTRODUCTION

- Program of delivery of applications from home or vehicle beneficiary
- The website industry allows the seller or beneficiary to easily request and delivers the use and dealing.

- **2- Problem Statement :**

- Due to the changes in life style in Saudi Arabia and because people being busy and not able to wait for collecting their meals directly from the restaurants, the idea of this project comes to stage to ease food ordering and save customers time and effort. The proposed web application will handle food ordering process through multiple sellers by letting them upload their products to the system which in turn allows customers to select meals from different menus.

- **Project components :**

- 1- Street-food Truck Delivery System
- 2- Sellers
- 3-Delivery
- 4- Customers

- **Project Objectives of the :**

- Provide job opportunities through delivery of applications
- To provide a new delivery service
- To facilitate the sale of food products

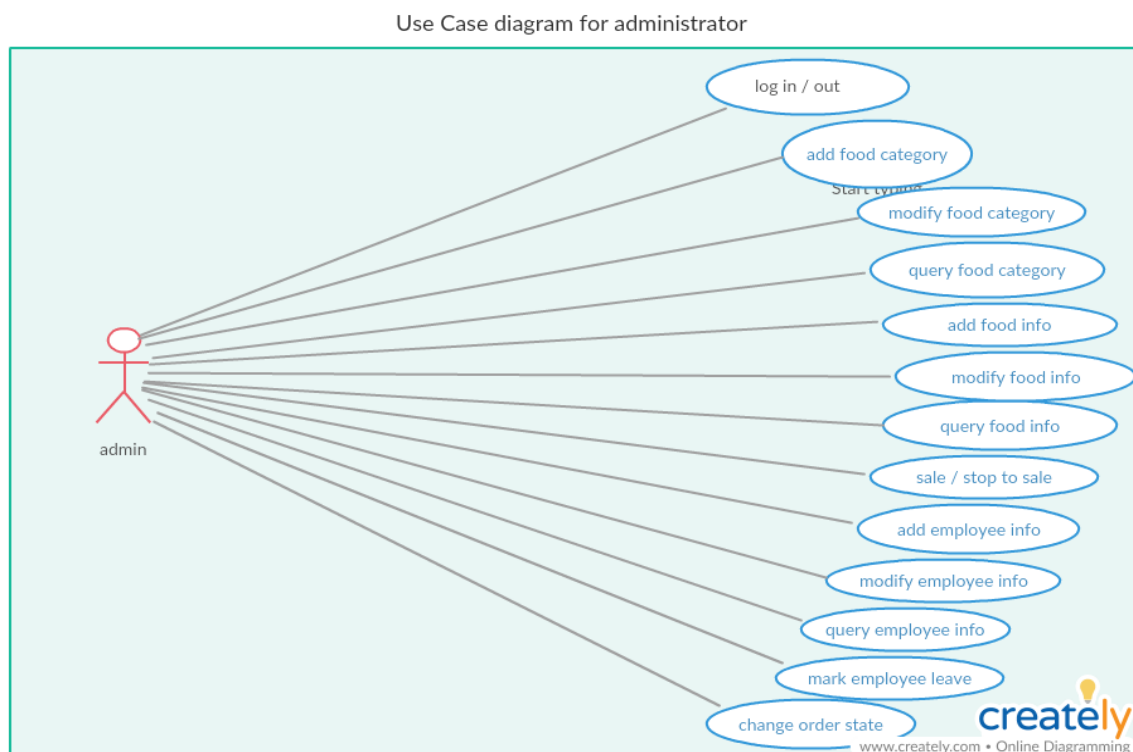
-
-

UML diagram :

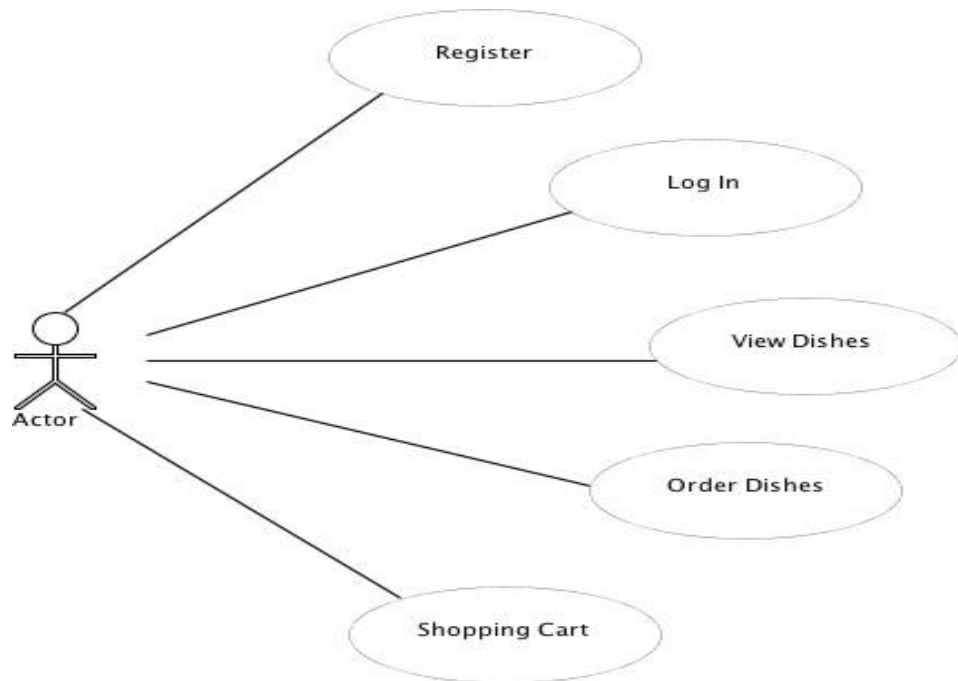
- Food Ordering Application is the key to solve this problem. Using this application, the customers need not go to the restaurant by themselves, but they can order the dishes through computers or smart phones.

4- USE Case

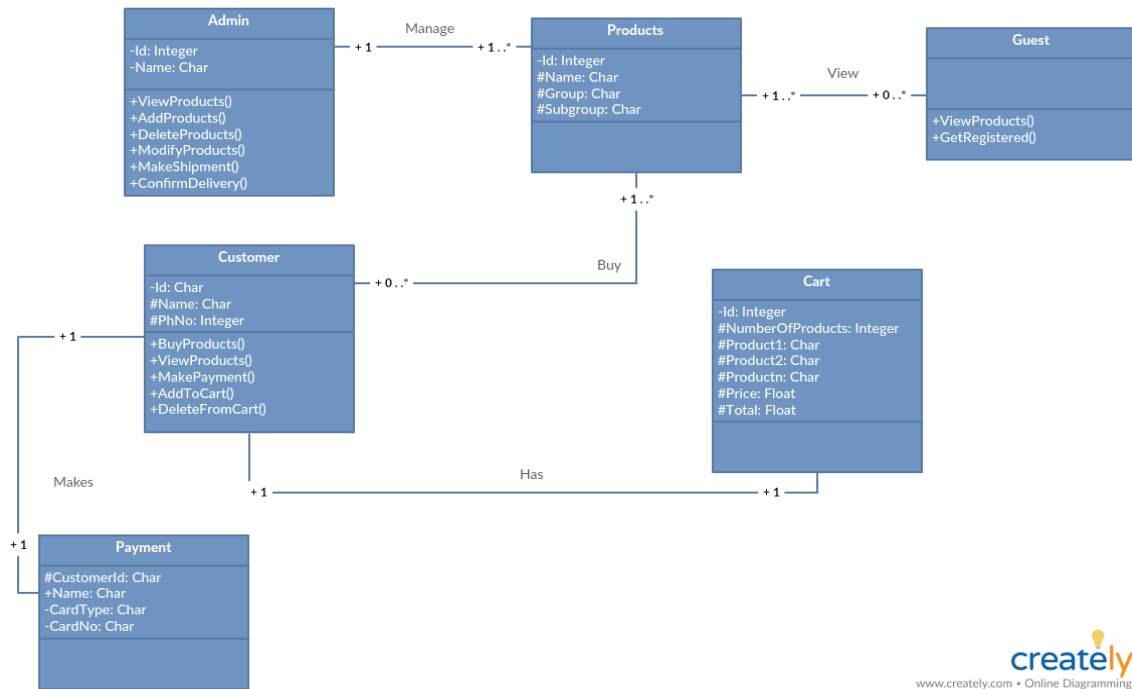
is a use case diagram to illustrate the main functions in the background for the administrator. The detailed description of functions is as follows:



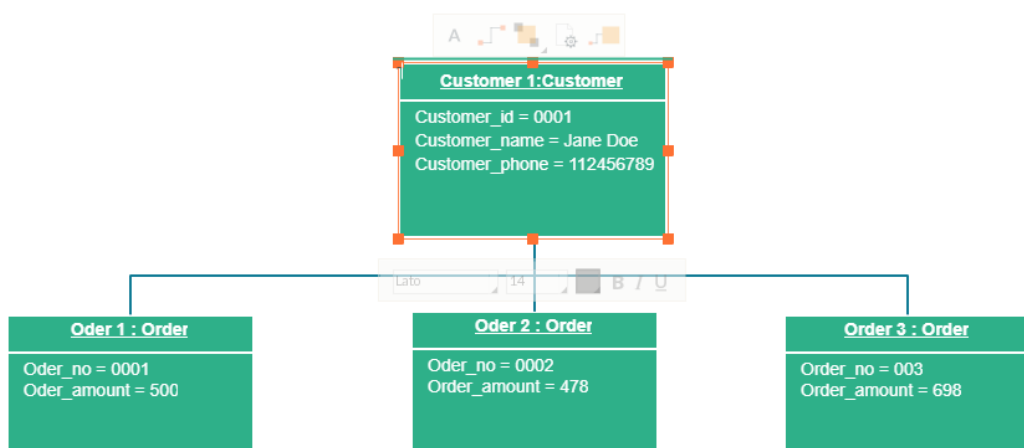
shows the core functions provided for customers in this application.



5-Class Diagram



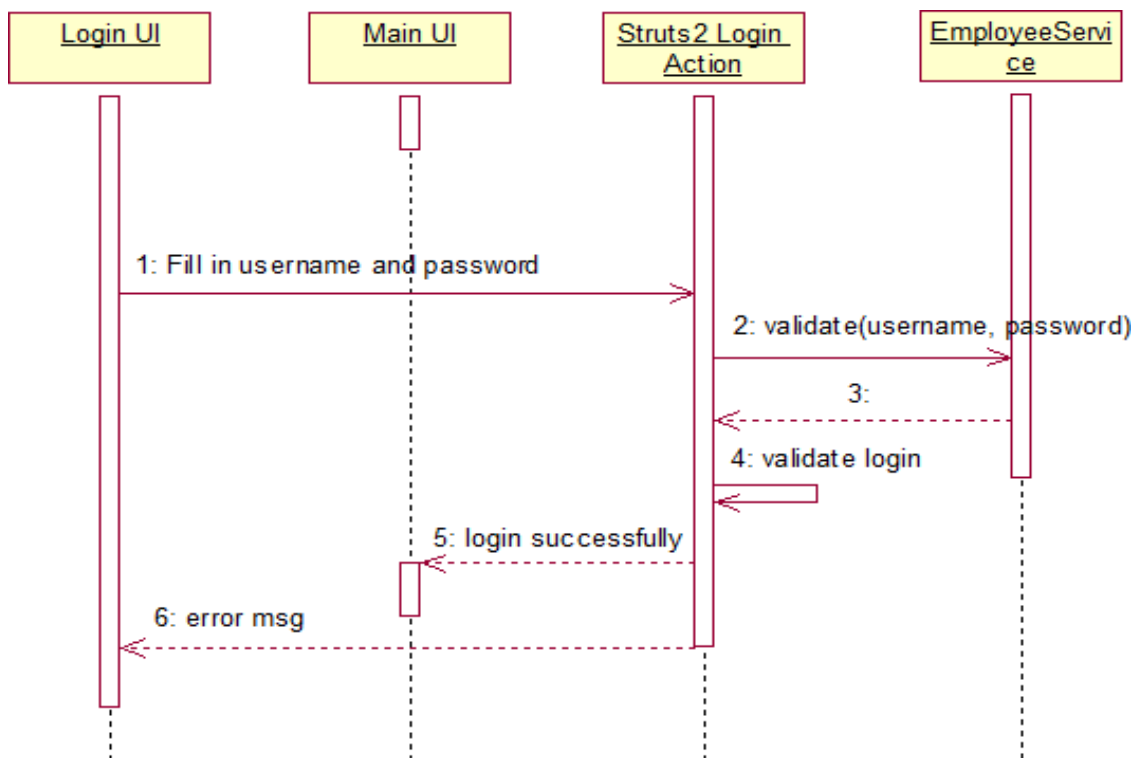
6-Object Diagram:



7- Sequence Diagram

The sequence diagram of main modules in Background Management Platform shows here. Since Website Foreground Public Page and Android Application have the same purchase sequence logic, so the purchase sequence in these both platforms will be analysed in this chapter as well.

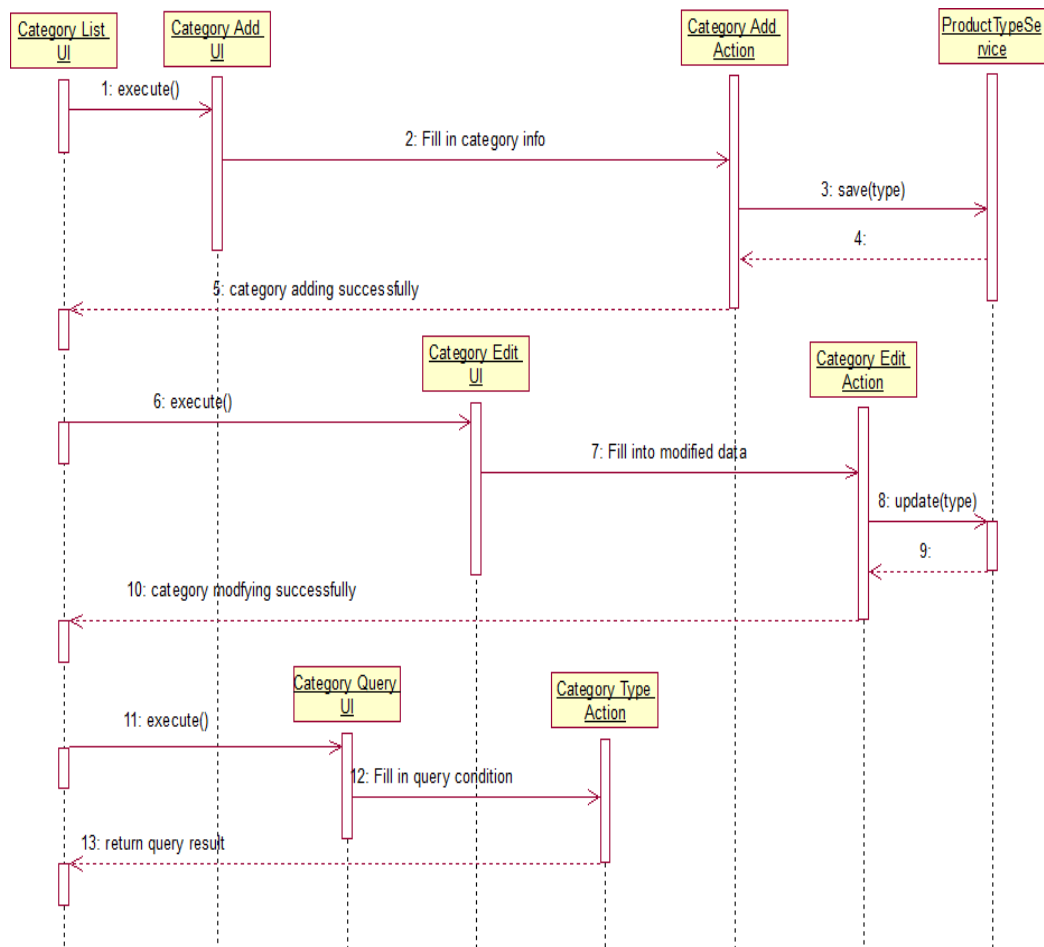
The administrator needs to login first before using the Background Management Platform. An account username and password for the owner of company will be pre-setted when the project is initialized.



Background Management Platform Login

The administrator fills in the username and password in the related fields and presses the login button. If the login is successful, the url will direct to the Background Management Platform main UI, otherwise, the user will be notified with an error message.

Application provides function to allow customers to view dishes according to different categories. Therefore, administrator needs to add to categories first.



Product Category Management

To add dish to display on the website or Android, the administrator should add dish categories first, in order that display dishes according to different categories.

1. Add Category:

In the Product Management, by clicking “Category Manage”, a list view page of current existing dishes will be shown. By clicking “Add Category” button, the right frame will jump to the category adding UI. Required data is filled in, then it is confirmed, and a dish will be added successfully. At the same time, the right frame will jump back to the category list view page, the new added dish will be displayed on this page.

Modify Category:

On the category list view page, every category item provides a “Modify” button, by using this button, the administrator can modify the existing dish information.

2. Query Category:

In addition, there is a “Query” button. This button can help the administrator to query some dish category among lots of categories.

3.2.2.3 Product Info Management

After adding categories, administrator can add dishes belong to different categories in Product Management module.

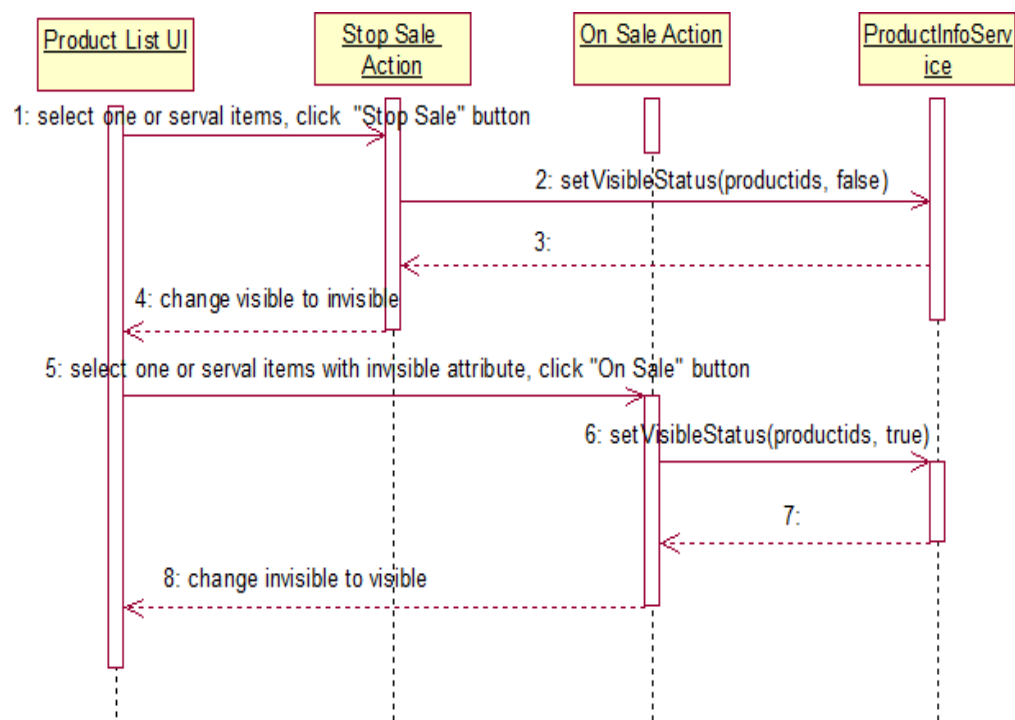


Figure 18. Product Information Management

In the Product Management, there is a similar logic to that in Product Category Management, such as adding, modifying and querying. Therefore, no detailed description is given here.

Stop or start selling

On the product list view page, there are two buttons: On Sale and Stop Sale. By using these two button, the administrator can control the sale state of food dish in order to display or remove a food dish on the website foreground public page or the Android application.

3.2.2.4 Employee Management

The Employee Management also has a similar logic to that referred above. The Mark Leave logic is also the same with the change sale state of food dishes. The employee accounts added by the administrator are used to log in and make use of the background management platform. Once the administrator marks an employee's leave, the employee account will not log in and use this platform any more.

3.2.2.5 Order Management

As mentioned in use case diagram for order flow, figure 19 demonstrates the entire ordering progress.

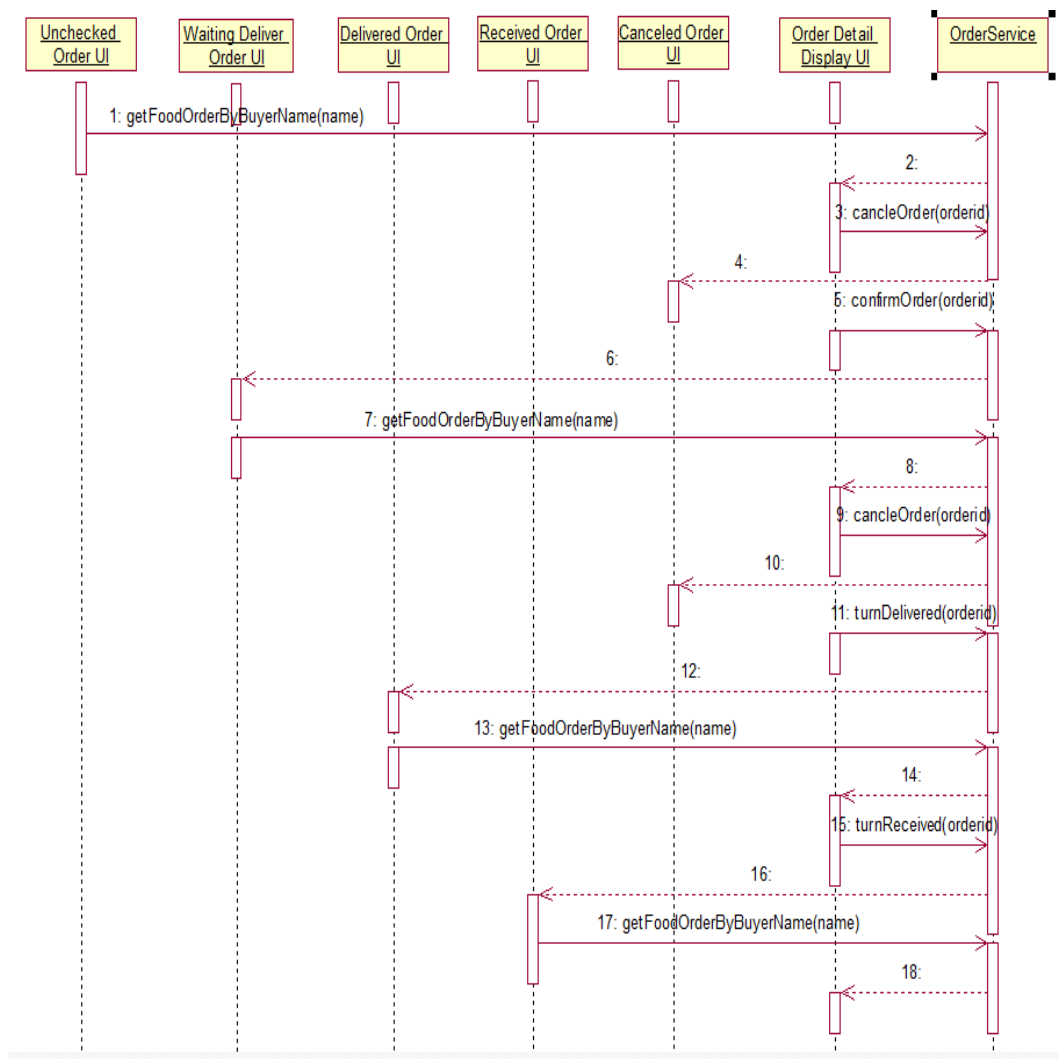
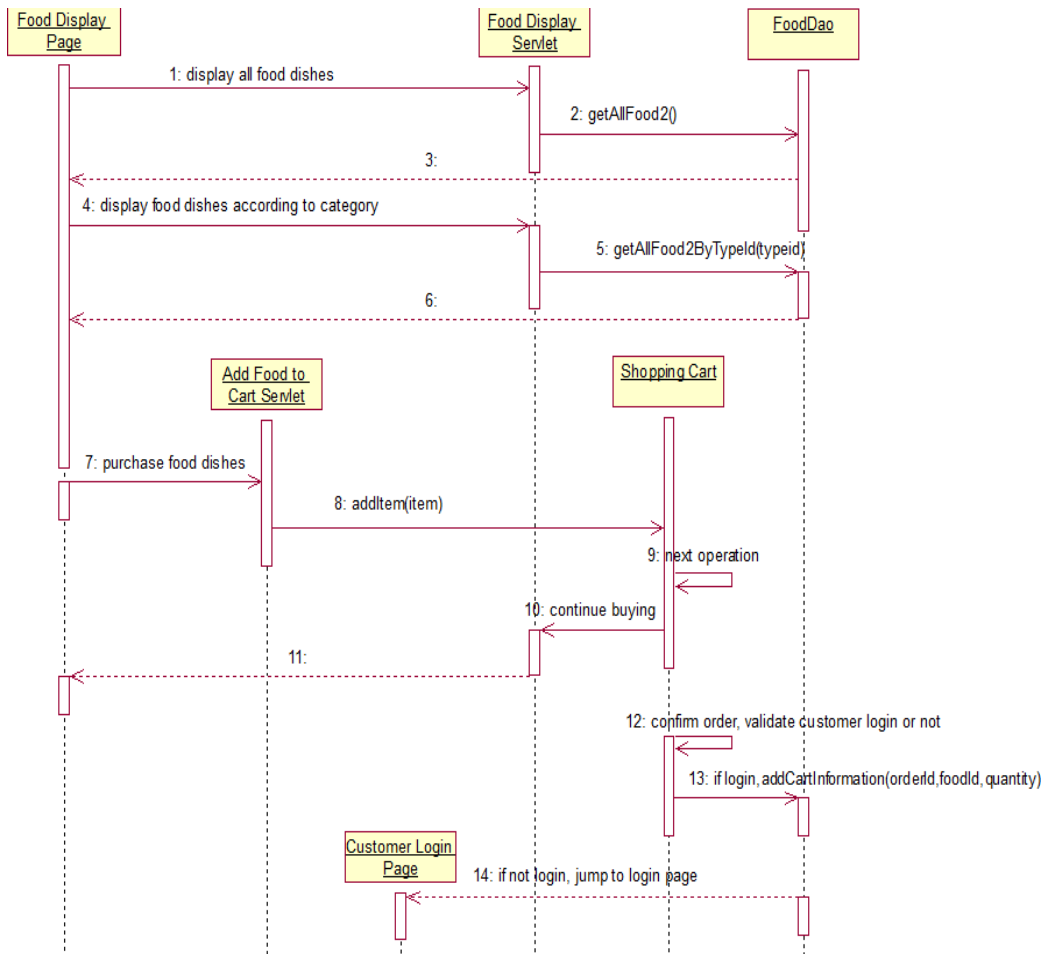


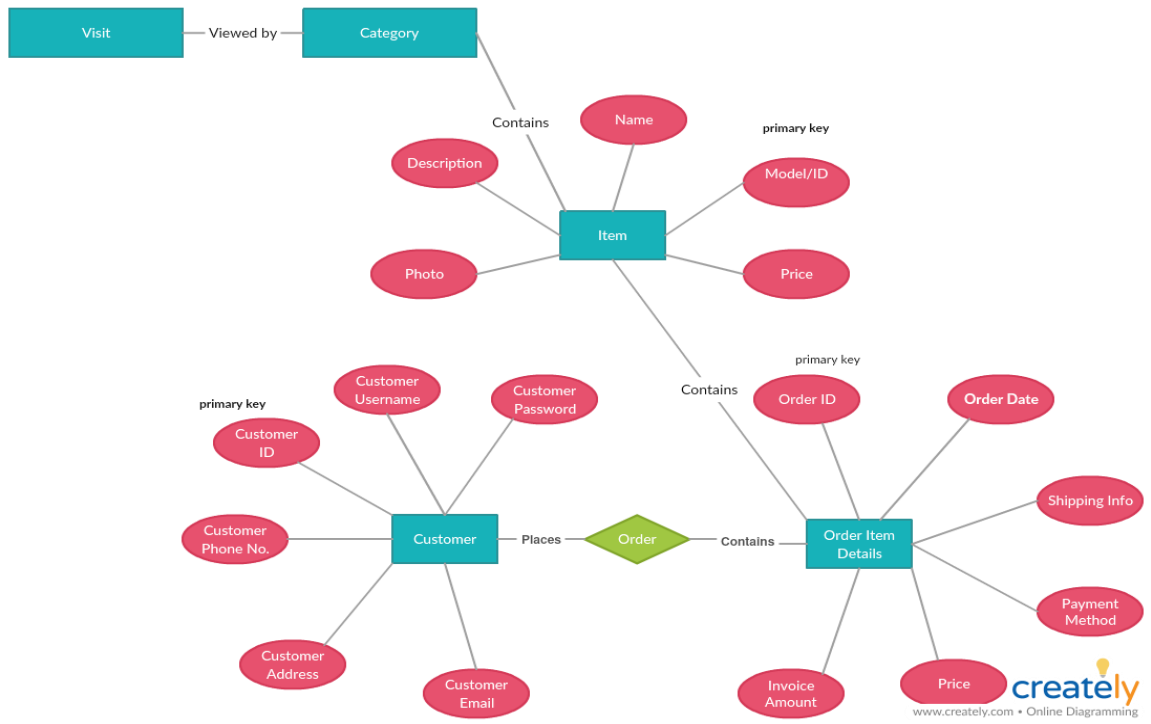
Figure 19. Order Management

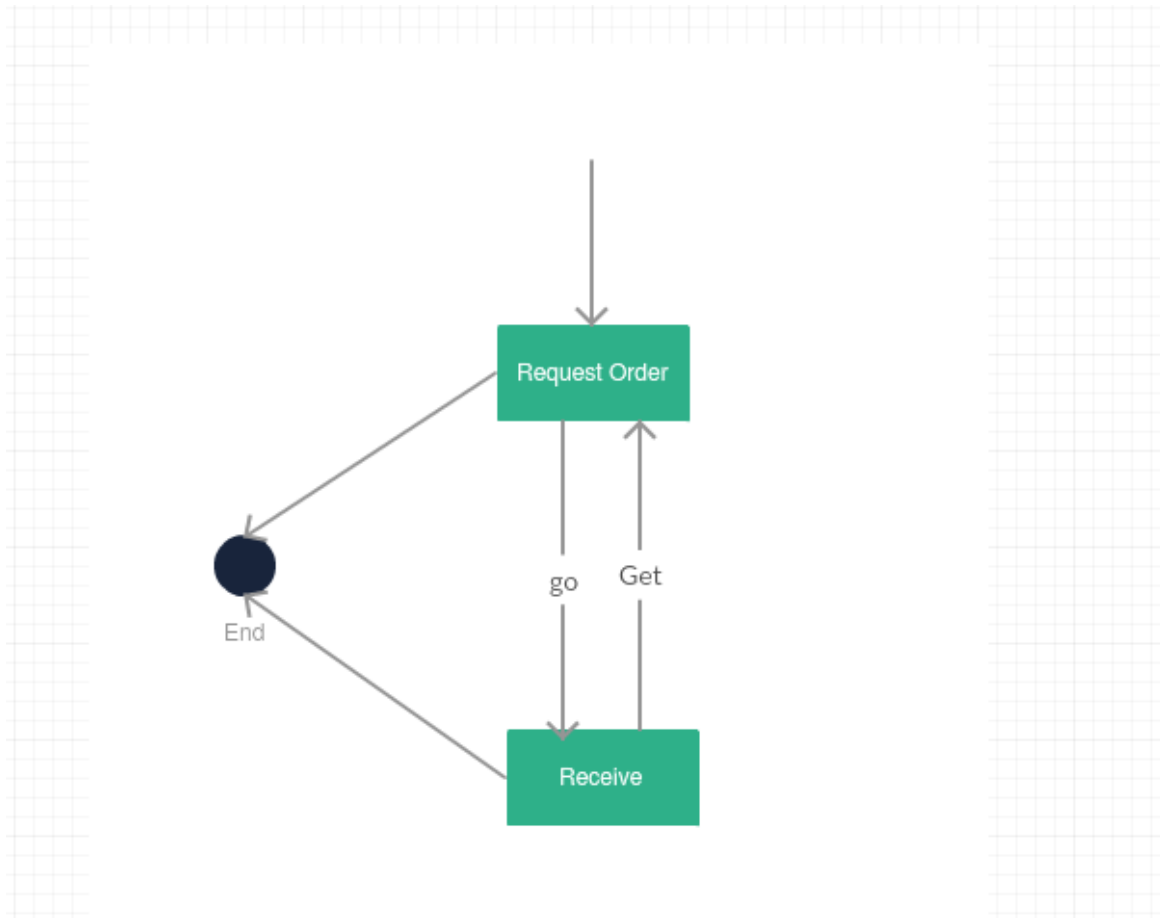
The default state of produced order is unchecked, and the administrator can decide to change the state to waiting deliver or cancel. For waiting deliver state order, the administrator can change state to delivered or cancel. But for delivered order, the state cannot be changed any more.

Purchasing function is the core function in this application. So the purchase sequence diagram will be analysed as follow.



8-ERD :



9-State Digram :

10 - Interface :

The user interface design was one of the core tasks in this project. The aim of UI design is to make the application to be accepted and used easily by users. The main UI will be shown next.

This section will describe the main GUI design in Background Management Platform

 Administrator Login page



Figure 22. Login page

The administrator need fill in a valid username and password to log in to the Background Management Platform. Here a validation function will check whether the username and password provided by the administrator are valid or invalid, if the username and password are valid, the administrator will log in successfully and enter the Background Management Main page, and otherwise a warning message will show.

4.2.2 Website Foreground Public Page

Dishes Display page

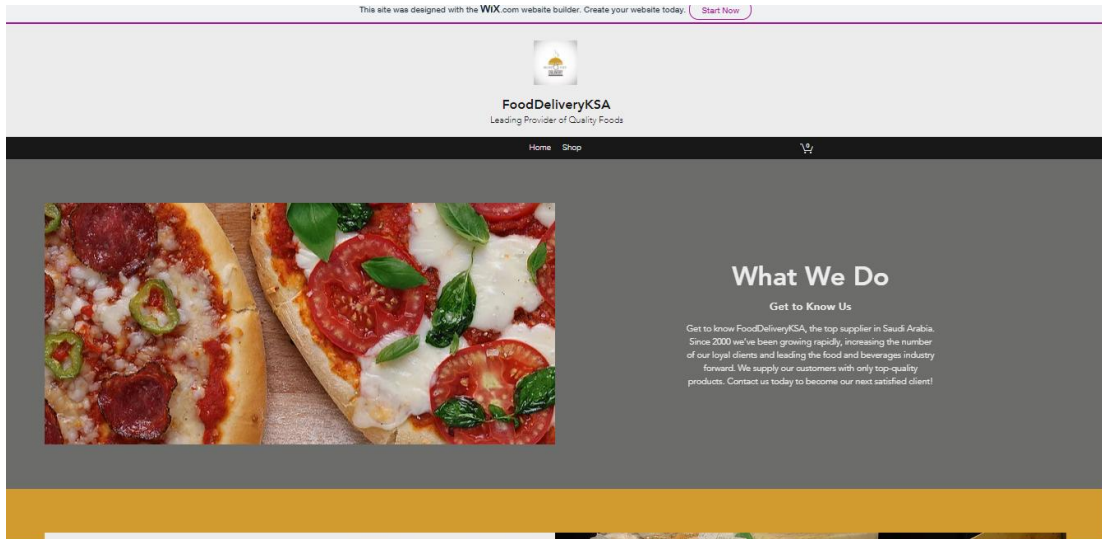


Figure 31. Dishes Display page

The food information, such as image, name and price and so on is shown on the Dishes Display page.

Customer Login page

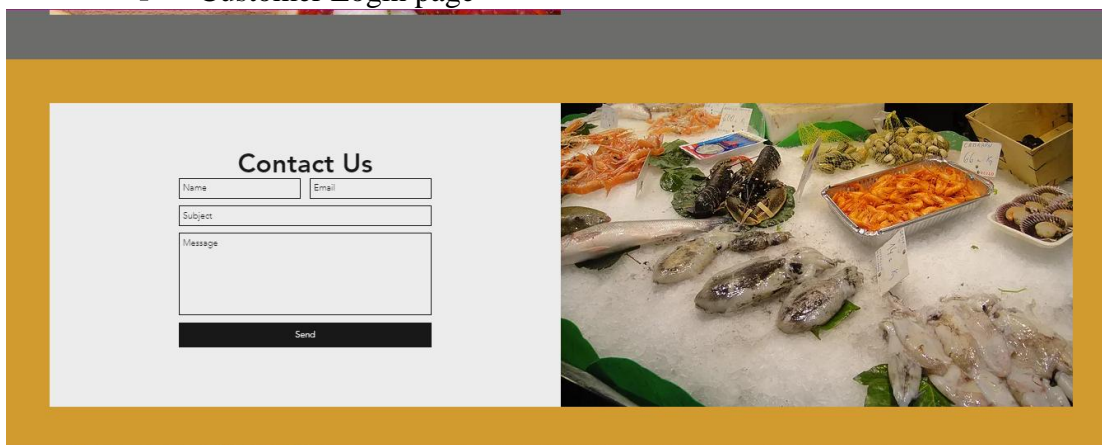


Figure 32. Customer Login page

On the Customer Login page, the customer needs customer to fill in a valid username and password to log into the application.

Shopping Cart page


The Products You Purchased As Follow :

No.	Product Name	Unit Price(€)	Amount	
2	Chilli Beef	14.0	<input type="text" value="2"/>	<input type="button" value="Delete"/>
1	Chilli Chicken	11.0	<input type="text" value="1"/>	<input type="button" value="Delete"/>
6	Bean Curd Soap	8.0	<input type="text" value="5"/>	<input type="button" value="Delete"/>
			<input type="button" value="Update"/>	Total Price(€): 79.0

Figure 33. Shopping Cart page

The dishes ordered by the customer will be added into the Shopping Cart temporarily. The customer can delete dish items, modify dish amount and make other related operations here.

4.2.3 Android Application

 Launch Window

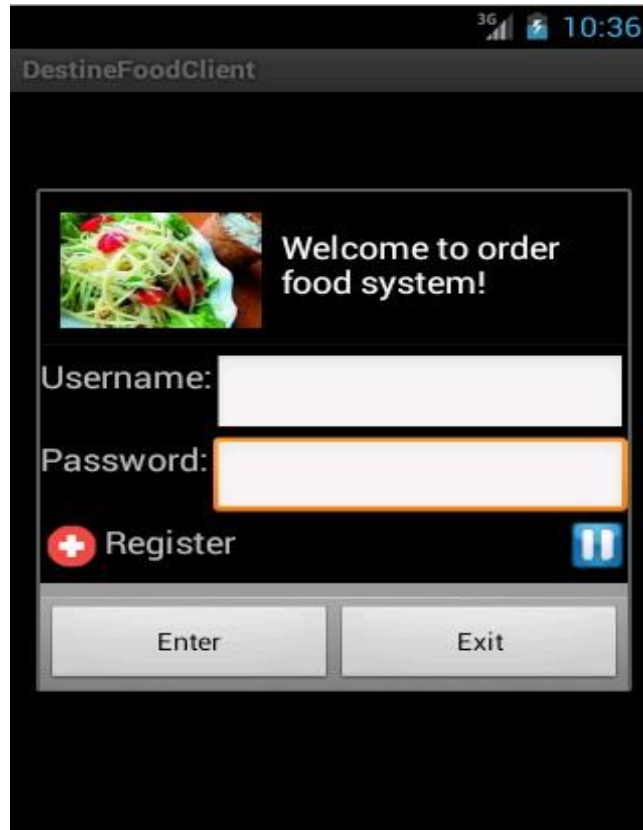


Figure 34. Launch Window

The customer needs a valid username and password to use the Android food ordering application.

 Register Window

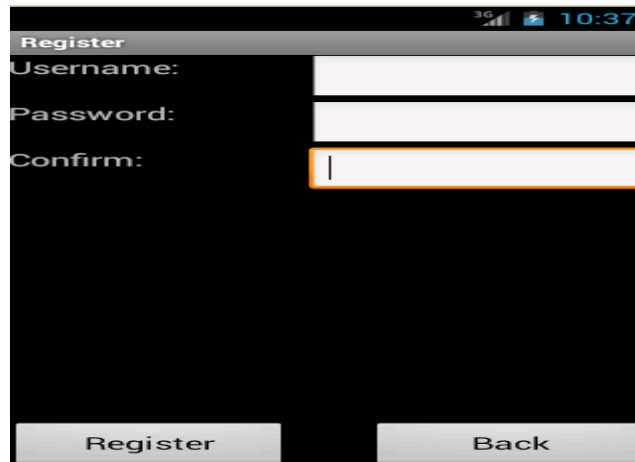


Figure 35. Register Window

If the customer has no account, he can go to the Register Window to register an account.

 Dishes Display Main Window

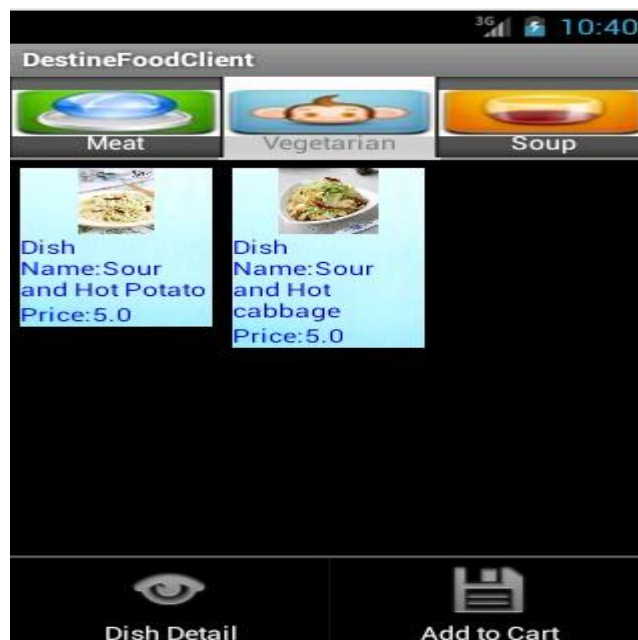


Figure 36. Dishes Display Main Window

The customer can view dishes information according to different food categories.

 Dish Detail Information Window

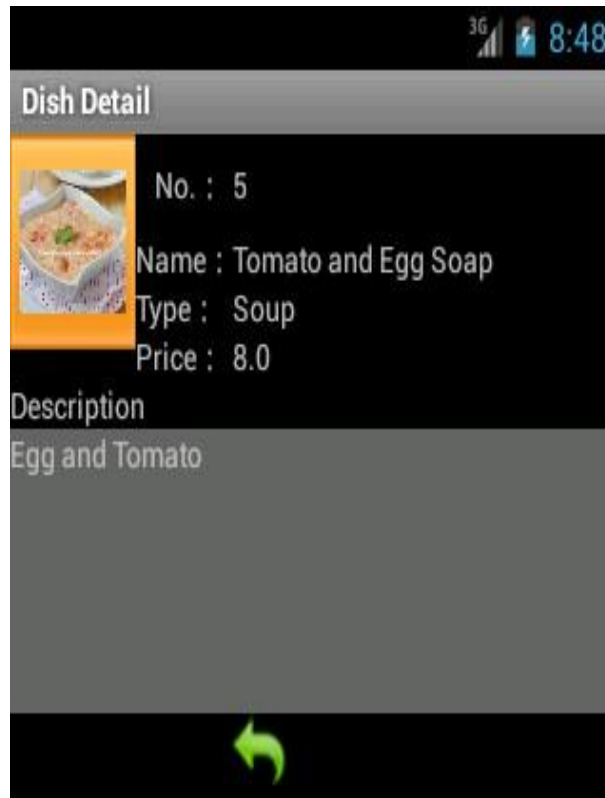




Figure 37. Dish Detail Information Window

The customer can view dish detailed information by touching “Dish Detail” button in the Dishes Display Main Window.

 Shopping Cart Window






Shopping Cart				
	Dish Name	Unit Price	Amount	Sub Price
	Chilli Beef	14.0	2	28.0
	Sour and Hot cabbage	5.0	2	10.0
	Bean Curd Soap	8.0	1	8.0
Total Price			46.0	
Clear cart		Continue buying		Confirm order

Figure 38. Shopping Cart Window

The dishes ordered by the customer will be stored in the Shopping Cart in **Figure 38**.

 Dish Modify Window



Shopping Cart

Dish Name	Unit	Amount	Sub
modify amount or delete item			
			
Amount	<input type="text" value="1"/>		
Update		Delete	Cancel

Figure 39. Dish Modify Window

To touch some dish item, a pop-up window will show. In this window, the customer can modify the number of dishes or delete this dish item.

Order Confirmation Window



The screenshot shows an Android application window titled "Order". The window has a black background with white text and input fields. The fields are labeled as follows: "Name : mg", "Id : 1", "Address :", "E_mail :", "Telephone :", and "Request :". Each label is followed by a white input field. At the bottom of the window, there are two buttons: "Submit" on the left and "Cancel" on the right. The status bar at the top of the screen shows "3G", signal strength, and the time "8:56".

Figure 40. Order Confirmation Window

REFERENCES

/1/Strut2 Framework Overview-Struts 2 Framework Overview (2014). Accessed 26.3.2014.

<http://struts.apache.org/development/2.x/>

/2/Strut2 Framework Architecture Overview-Struts 2 Framework Architecture (2014).

Accessed 26.3.2014.

<http://www.roseindia.net/struts/struts2/struts-2-architecture.shtml>

/3/ Spring Framework Architecture Overview-Spring Framework Architecture(2013). Accessed 26.3.2014.

http://www.tutorialspoint.com/spring/spring_architecture.htm

/4/ JPA Framework Overview-JPA Framework Overview (2013). Accessed 26.3.2014.

http://en.wikipedia.org/wiki/Java_Persistence_API

/5/ Wikipedia Foundation. Android (operating system). Accessed 26.3.2014.

http://en.wikipedia.org/wiki/Android_%28operating_system%29#cite_note-google_code-6

/6/ <https://naift170.wixsite.com/website>



Website FOOD DELIVERY KSA

I Introduction :

- Program of delivery of applications from home or vehicle beneficiary The website industry allows the seller or delivers beneficiary to easily request and the use and dealing.

Component my website:

website consist of two main component :

1- Front end component

In front end component I build the interface customer or guest use.

2- Backend component

In backend component I build the interface admin use.

Front end component interface:

Consist of many pages to show by customer or guest

- 1- Home page
- 2- Login and register page
- 3- Product page
- 4- Product detail page
- 5- Cart page
- 6- My account page
- 7- Contact us page
- 8- About page

Programs use to build my website

- apache server to build database and running PHP code.



- dream weaver write code to build pages website .



First build home

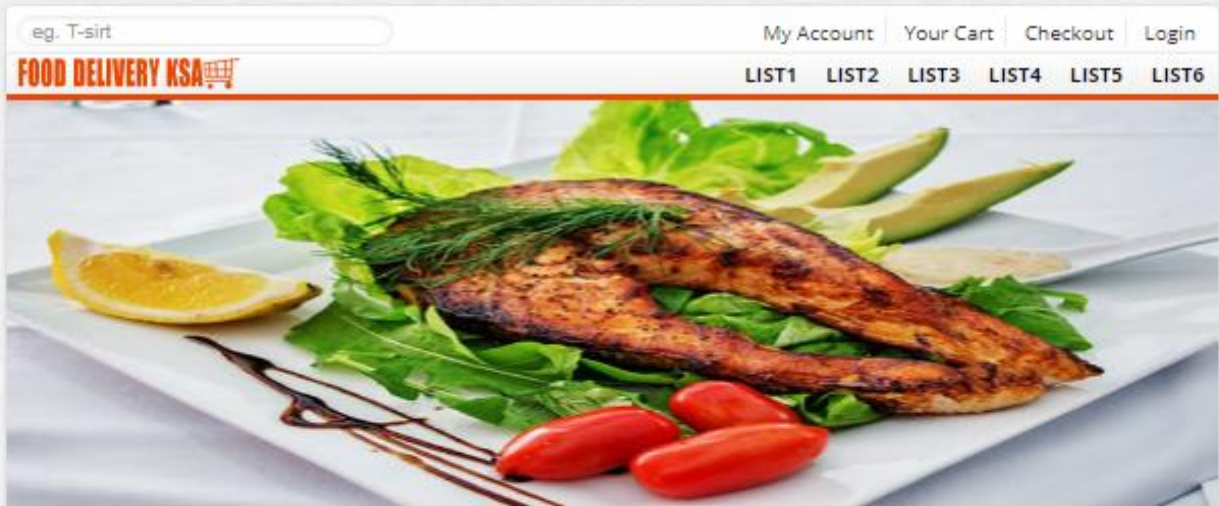
page :

Home page consist of many sections

- Header section
- Menu bar section
- Logo of restaurant section
- Banner show section
- Slide show feature meal section
- Slide show latest meal section
- Logo of Companies supplied section
- Footer section

Header Section

Banner Section



We stand for top quality templates. Our genuine developers always optimized bootstrap commercial templates. Don't miss to use our cheap abd best bootstrap templates.

FEATURE PRODUCTS

Feature meal Section



UT WISI ENIM AD
Commodo consequat
\$17.25



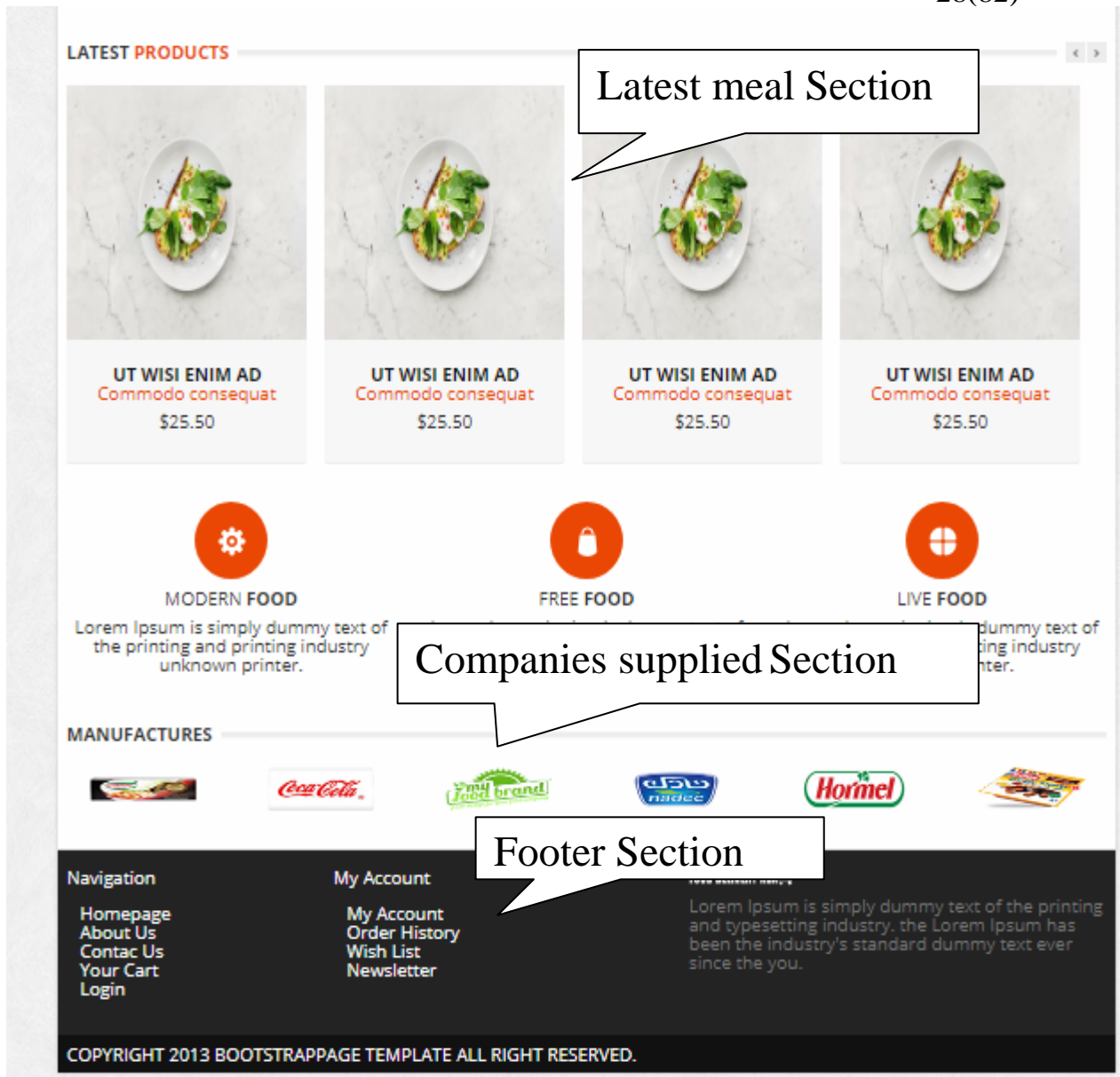
QUIS NOSTRUD EXERCITATION
Quis nostrud
\$32.50



QUIS NOSTRUD EXERCITATION
Quis nostrud
\$32.50



QUIS NOSTRUD EXERCITATION
Quis nostrud
\$32.50




After build home page of website I build login – Register page :

In this page found two column


- Column 1 contain login my Account
- Column 2 contain Register (log up)
-

Login and Register page

eg. T-shirt My Account | Your Cart | Checkout | Login

FOOD DELIVERY KSA 

you are connect



LOGIN OR REGSITER

LOGIN FORM

Username

Password

Sign into your account

Recover your [username](#) or [password](#)

REGISTER FORM

Fullname

Username

Password:

Email address:

jawal number

Address:

Now that we know who you are. I'm not a mistake! In a comic, you know how you can tell who the arch-villain's going to be?

Create your account

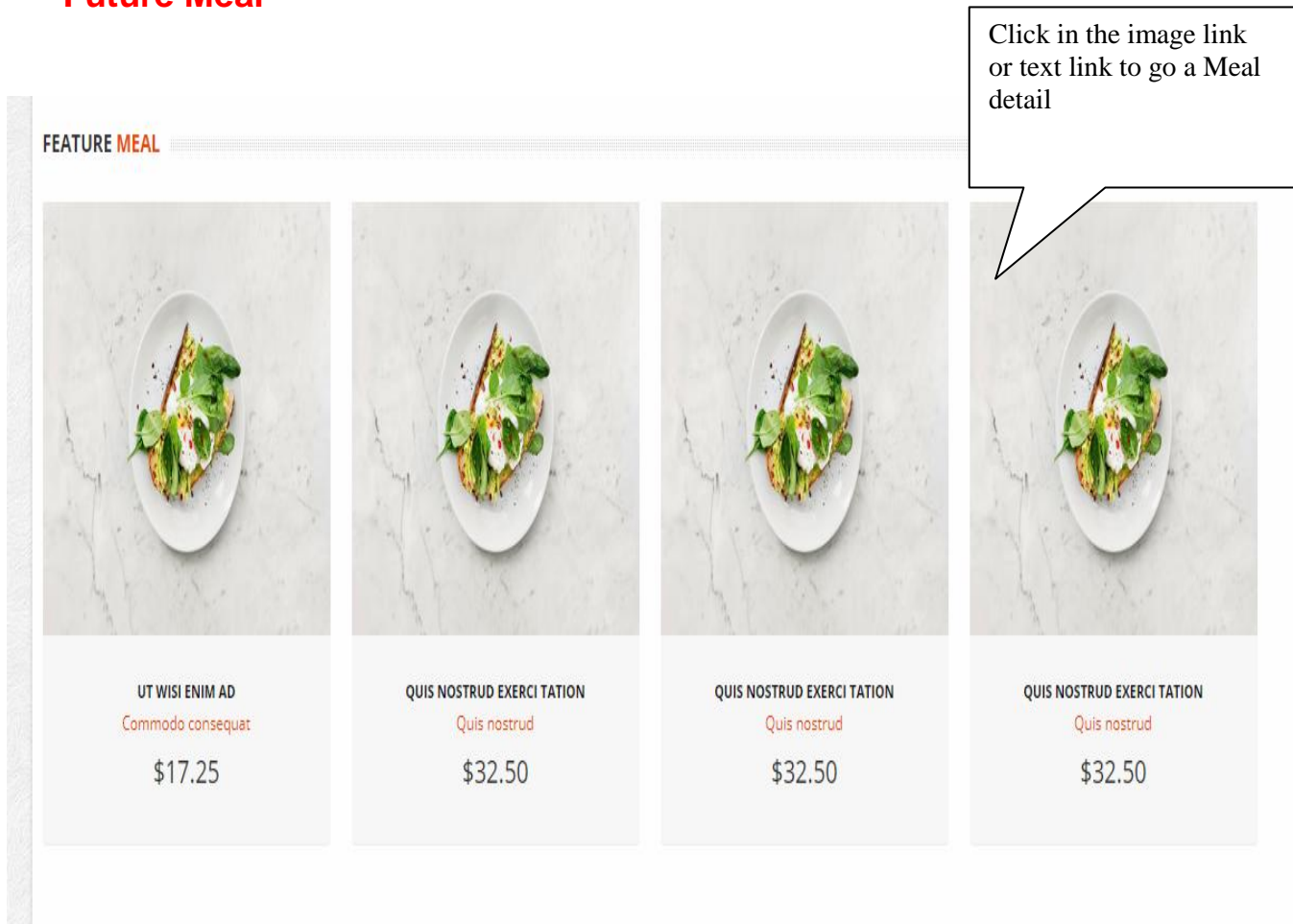
Note : header and footer repeat in all pages website and navigation bar

Content change only for all pages apply benefit a page .

In previous page contain two selection :

- 1- First selection login means the customer is record in database in my restaurant
- 2- Second selection Register means the customer is guest and not record in my Database in my restaurant.

Future Meal



In above image we show a movie slide when we click the image to transfer

The meal_detail page to know a more detail a meal we want.

eg. T-shirt

My Account Your Cart Checkout Login



Show detail a meal when I click Add cart to added my Bill

MEAL DETAIL



Brand: Apple
Product Code: Product 14
Reward Points: 0
Availability: Out Of Stock

Price: \$587.50

- Option one is this and that
Be sure to include why it's great

Qty: 1 Add to cart

Nullam semper elementum
Phasellus ultricies
Donec laoreet dui
Nullam semper elementum
Phasellus ultricies
Donec laoreet dui

MANUFACTURES

- Adidas
Nike
Dunlop
Yamaha



Description Additional Information

Sed ut perspiciatis unde omnis iste natus...

Related Product

temque laudantium, totam rem aperiam,...

RELATED PRODUCTS



WUAM ULTRICES RUTRUM
Suspendisse aliquet
\$341



FUSCE ID MOLESTIE MASSA
Phasellus consequat
\$341



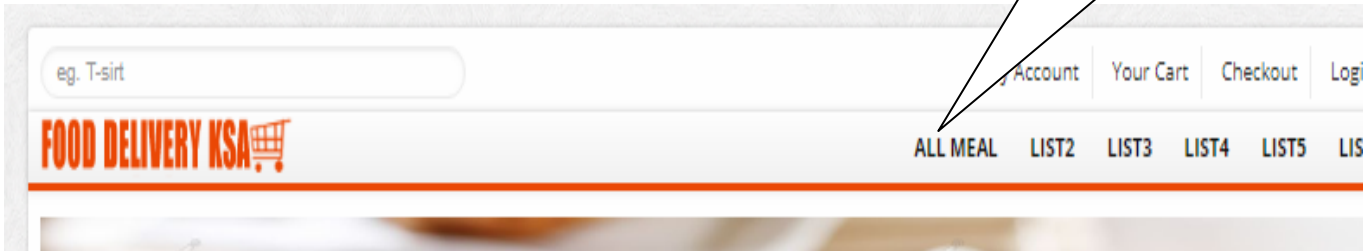
PRAESENT TEMPOR SEM
Erat gravida
\$28

RANDOMIZE section with a product card: FUSCE ID MOLESTIE MASSA, \$261

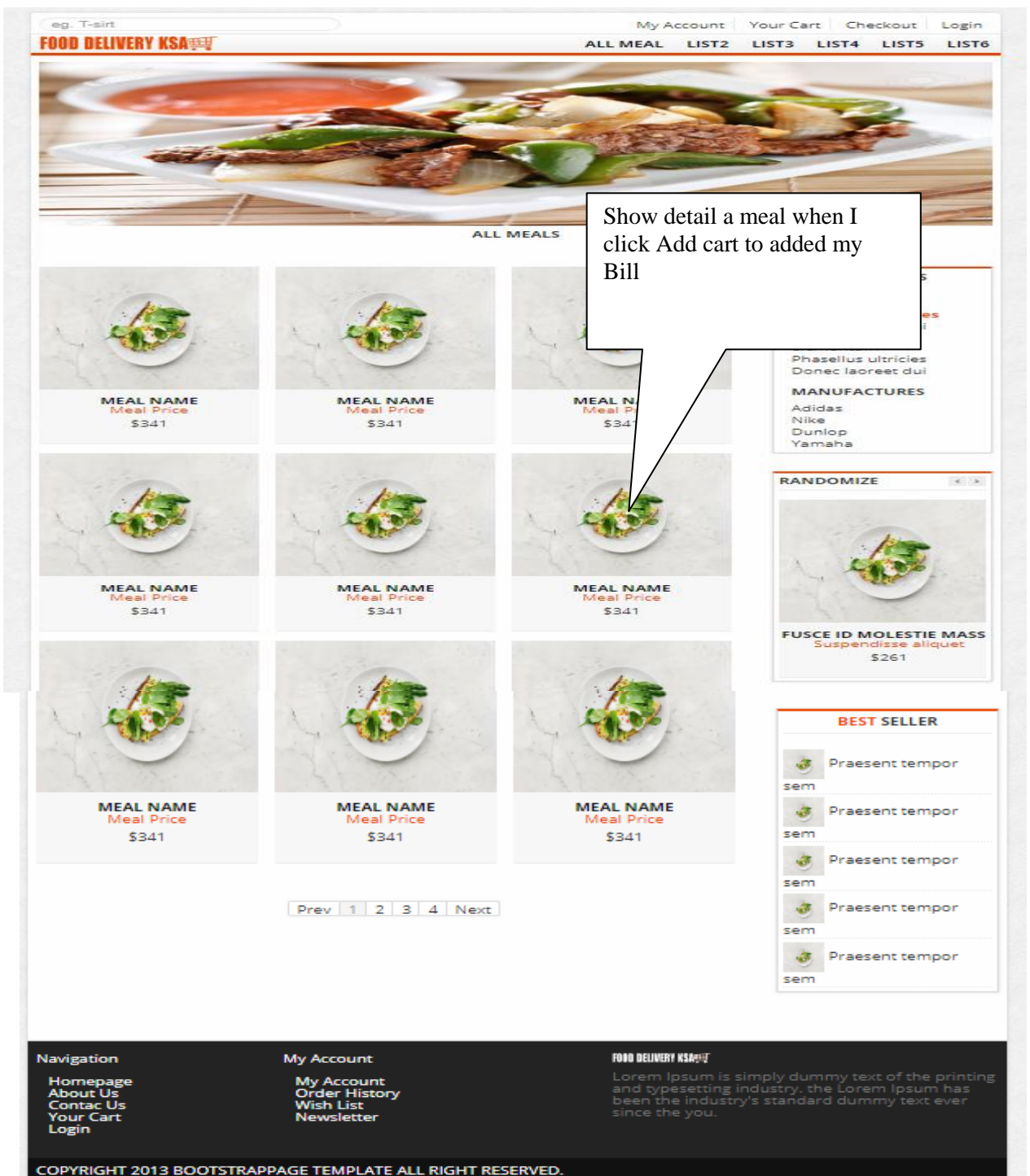
BEST SELLER section with five product cards, each labeled 'Praesent tempor sem'

In main menu header

All Meal
click

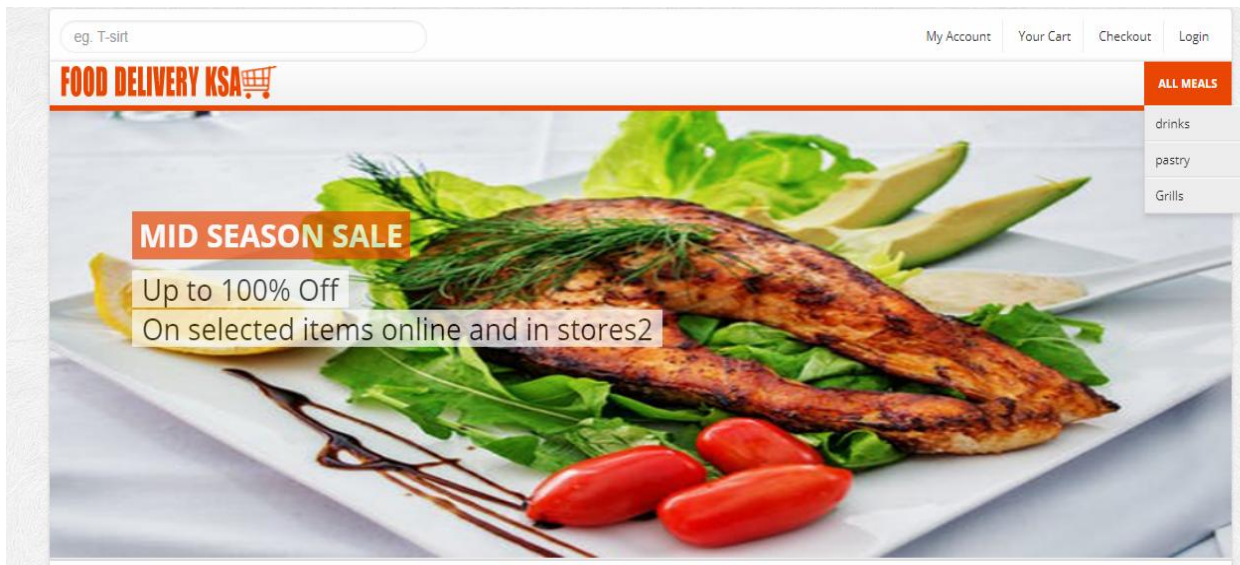


The page Meal.php is show all meals in the restaurant :



Sub menu Meals show in next page :

- 1- Drinks
- 2- Pastry
- 3- Grills



You can add any meals in this menu.

In a previous page I try to summary a Restaurant website.

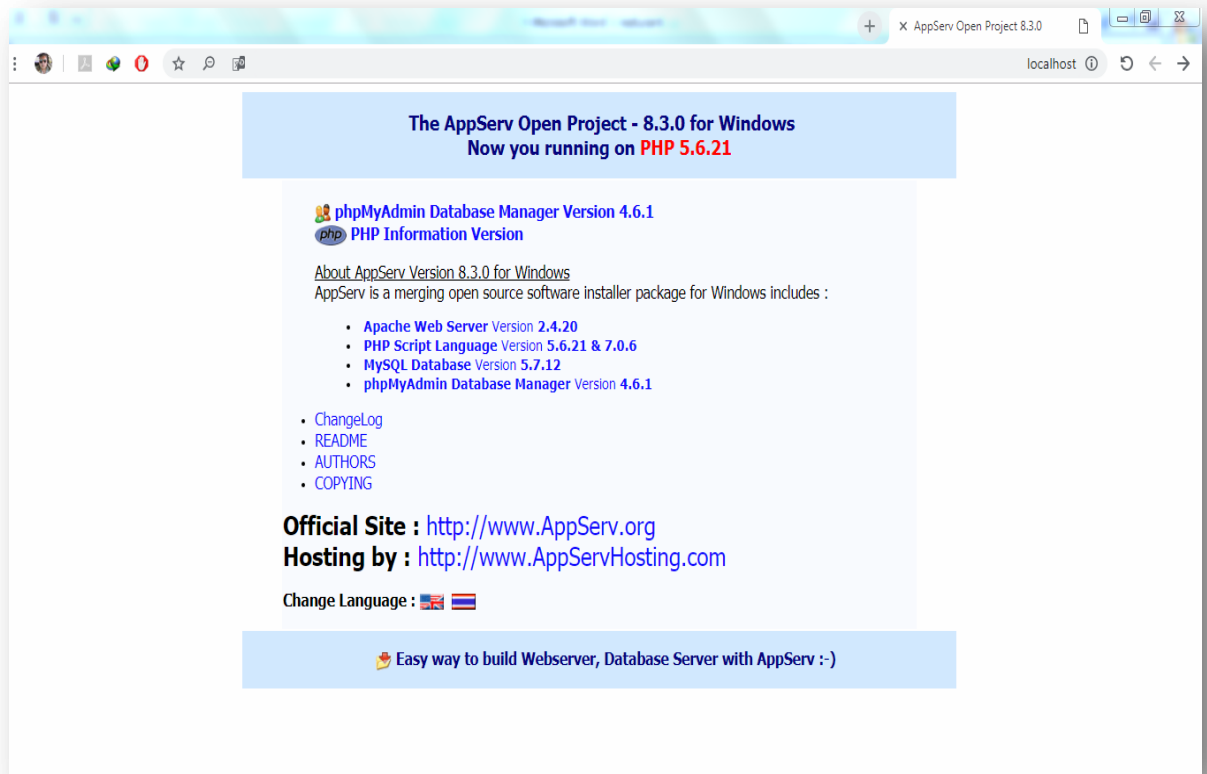
I hope you like it and are waiting for any feedback on the website

Third week :

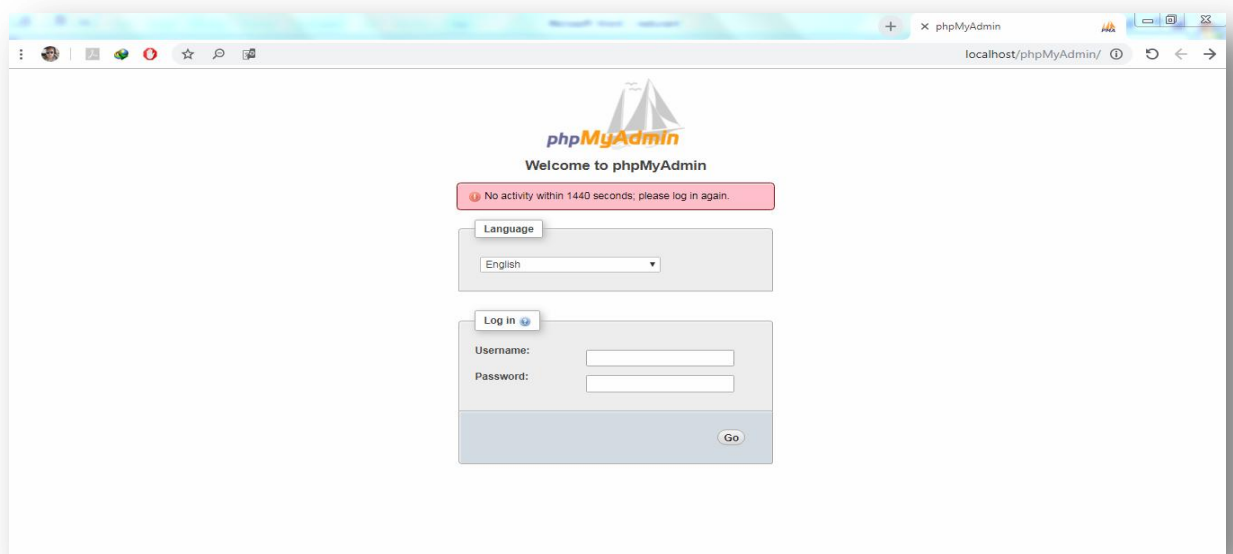
Create database and table by mysql.

Step to create database : restaurant

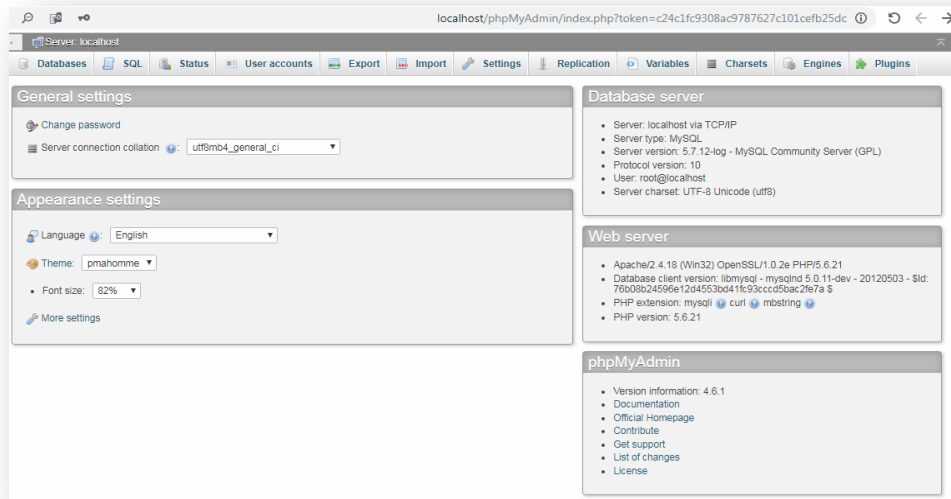
1- In browser write localhost



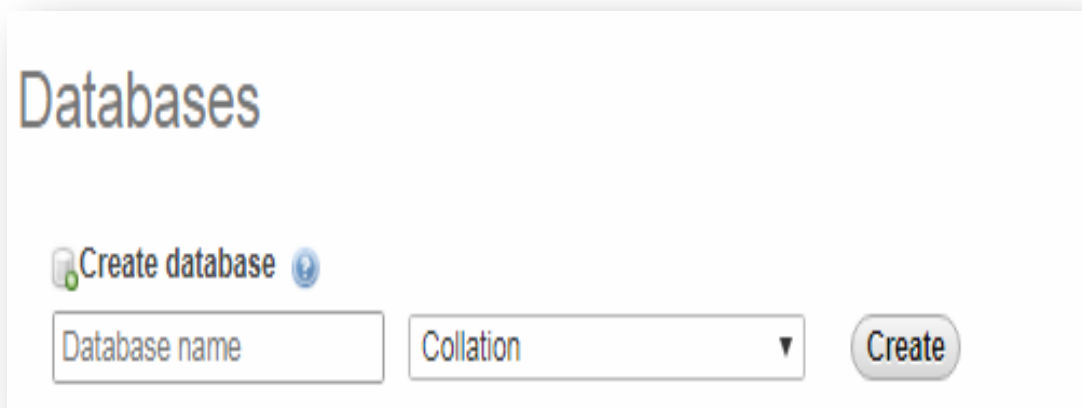
2- Choose phpMyAdmin Database Manager version 4.6.



Write username and password to login a localhost .

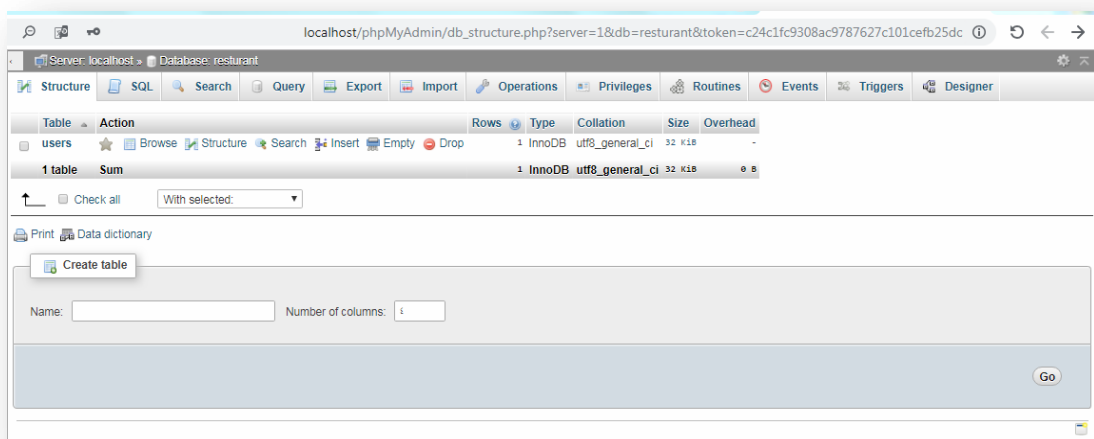


3- and click new to create database restaurant.



Write Database name : **restaurant** and choose collation : **utf8_general_ci**

4- in left side show restaurant database click it.



5- Write table name :user and number of fields in this table .

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	<u>UserID</u>	int(11)			No	None	To Identify User	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial More
2	<u>Username</u>	varchar(255)	utf8_general_ci		No	None	username to log		Change Drop Primary Unique Index Spatial More
3	<u>password</u>	varchar(255)	utf8_general_ci		No	None	password to log		Change Drop Primary Unique Index Spatial More
4	<u>Email</u>	varchar(255)	utf8_general_ci		No	None			Change Drop Primary Unique Index Spatial More
5	<u>FullName</u>	varchar(255)	utf8_general_ci		No	None			Change Drop Primary Unique Index Spatial More
6	<u>GroupID</u>	int(11)			No	0	Identify user permission		Change Drop Primary Unique Index Spatial More
7	<u>TrustStatus</u>	int(11)			No	0	Saler Rank		Change Drop Primary Unique Index Spatial More
8	<u>RegStatus</u>	int(11)			No	0	User Aproval		Change Drop Primary Unique Index Spatial More

Check all With selected: Browse Change Drop Primary Unique Index

Print Propose table structure Move columns Improve table structure

6- Write table name: banner and number of fields in this table .

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	<u>imgID</u>	int(11)			No	None		AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext More
2	<u>sectionAddress</u>	int(11)			No	None	select section		Change Drop Primary Unique Index Spatial Fulltext More
3	<u>imgAddress1</u>	varchar(255)	utf8_general_ci		Yes	NULL	image aadress1		Change Drop Primary Unique Index Spatial Fulltext More
4	<u>imgAddress2</u>	varchar(255)	utf8_general_ci		Yes	NULL	imgAddress2		Change Drop Primary Unique Index Spatial Fulltext More
5	<u>imgAddress3</u>	varchar(255)	utf8_general_ci		Yes	NULL	imgAddress3		Change Drop Primary Unique Index Spatial Fulltext More
6	<u>imgPath</u>	longtext	utf8_general_ci		No	None	image path		Change Drop Primary Unique Index Spatial Fulltext More

Check all With selected: Browse Change Drop Primary Unique Index

Print Propose table structure Move columns Improve table structure

Add column(s) after imgPath

+ Indexes

7- Write table name :kindmeal

Server: localhost » Database: restaurant » Table: kindmeal

Table structure | Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	mealID	int(11)			No	None		AUTO_INCREMENT	Change Drop Primary Unique Index More
2	mealDesc	varchar(100)	utf8_general_ci		No	None	select section		Change Drop Primary Unique Index More

Check all With selected: Browse Change Drop Primary Unique Index

Print Propose table structure Move columns Improve table structure

Add \ column(s) after mealDesc Go

8- Write table name : showmeal

Server: localhost » Database: restaurant » Table: showmeal

Table structure | Relation view

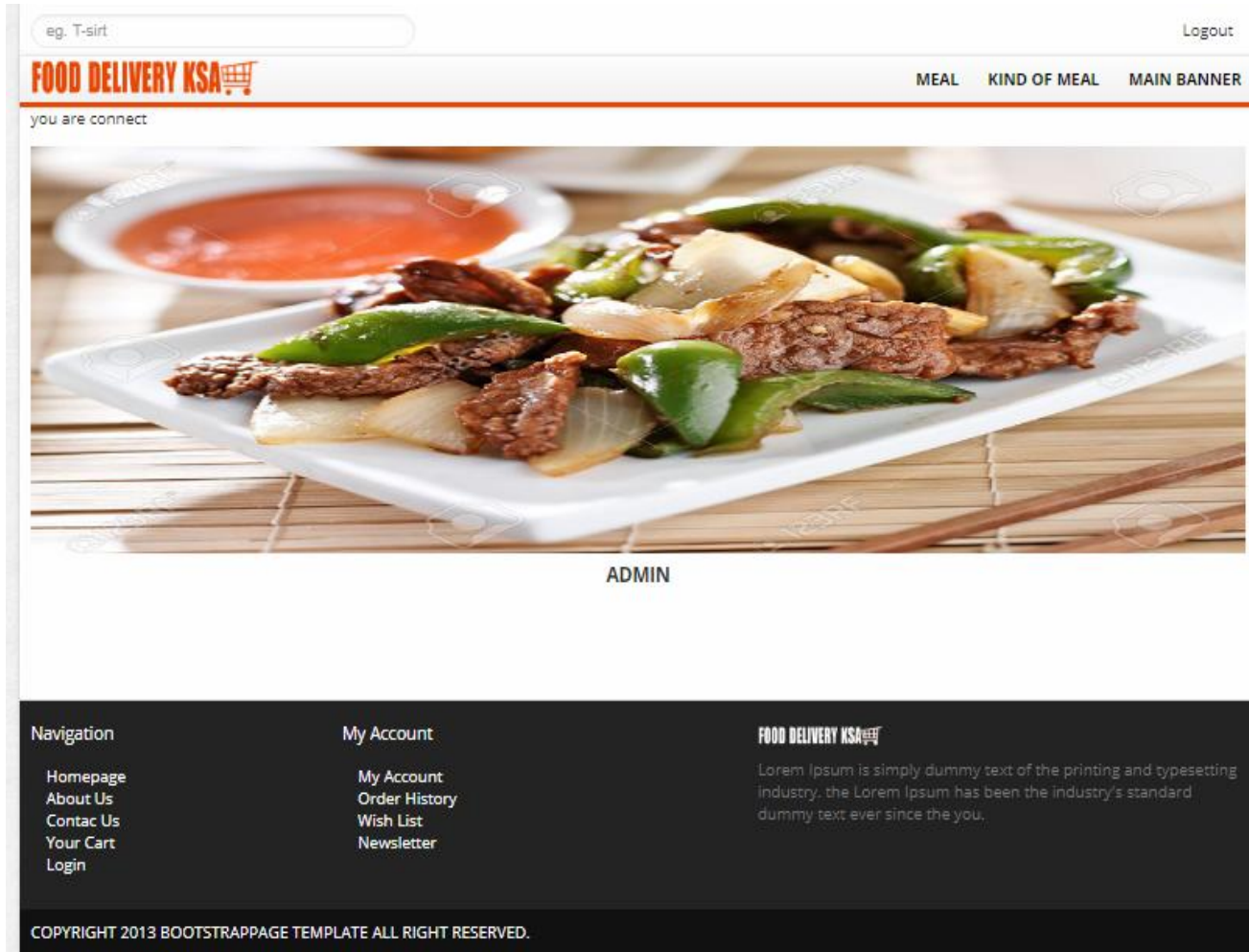
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	imgID	int(11)			No	None		AUTO_INCREMENT	Change Drop Primary Unique Index More
2	kindMeal	int(11)			No	None	select section		Change Drop Primary Unique Index More
3	mealName	varchar(255)	utf8_general_ci		No	None	image address		Change Drop Primary Unique Index More
4	mealDesc	longtext	utf8_general_ci		No	None	image description		Change Drop Primary Unique Index More
5	imgPath	longtext	utf8_general_ci		No	None	image path		Change Drop Primary Unique Index More
6	mealPrice	float			Yes	NULL			Change Drop Primary Unique Index More

Check all With selected: Browse Change Drop Primary Unique Index

Print Propose table structure Move columns Improve table structure

Add \ column(s) after mealPrice Go

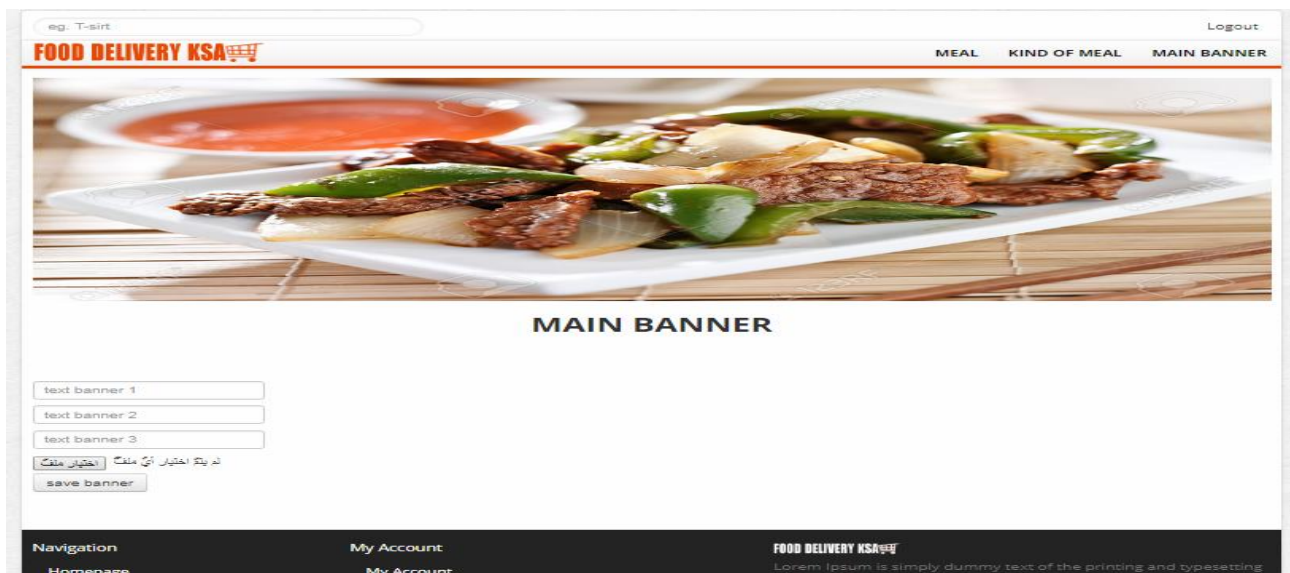
Interface Admin : main menu of Admin control panel



The main menu

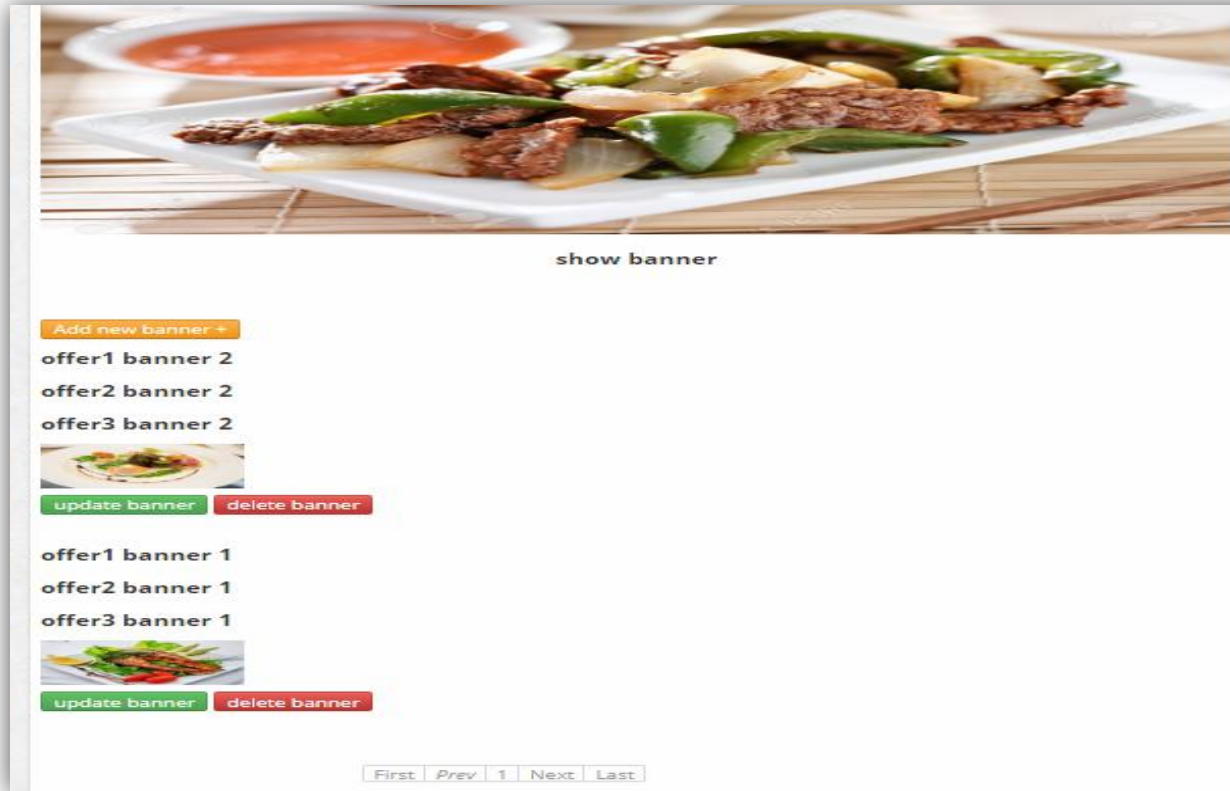
Main banner Slide.

Add banner in home Page (addbanner.php) .

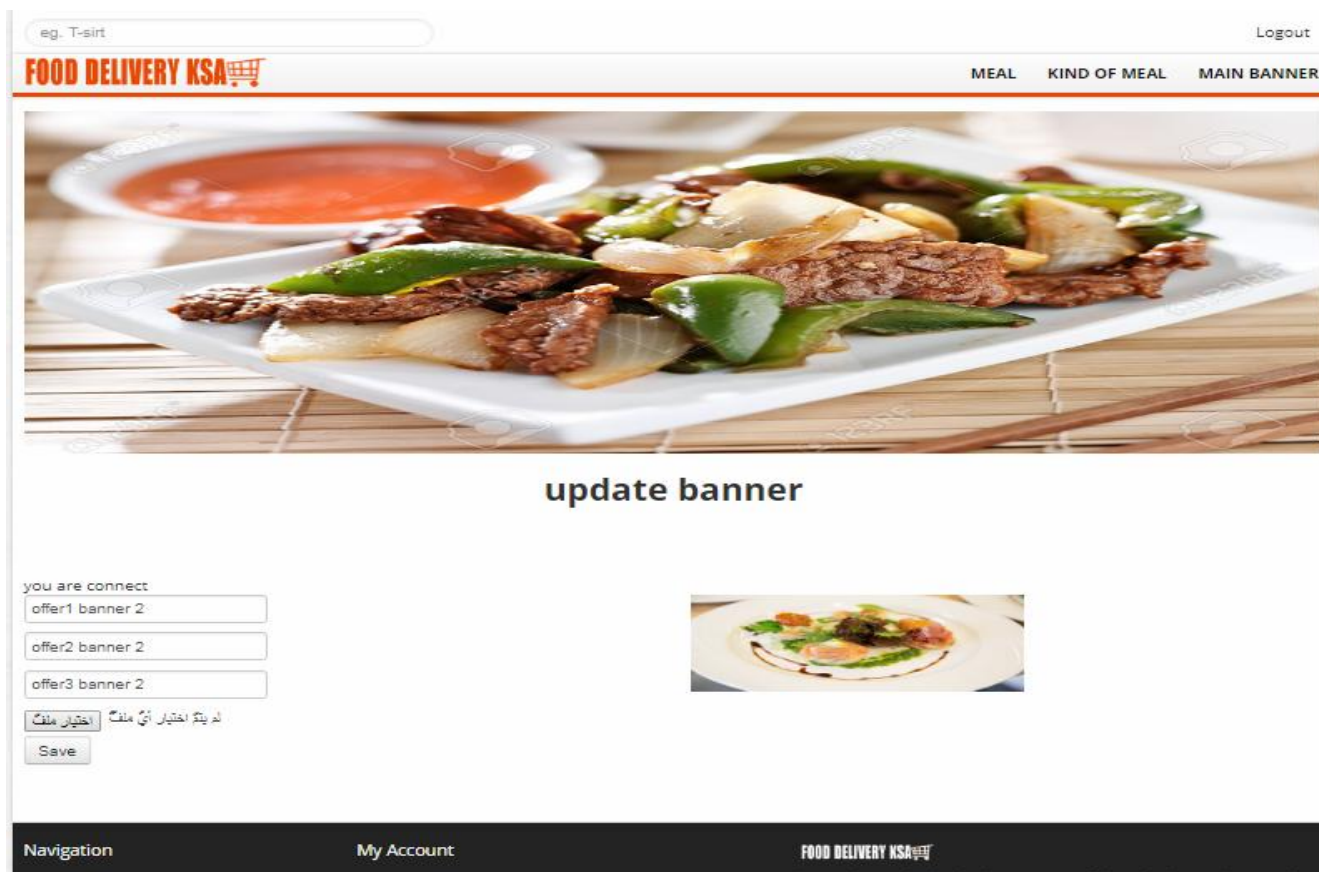


1-

2- Show all banner inserted in table banner (bannershow.php) .



3- Update banner (updatebanner.php)



Kind of meal (drink – chicken – meal !...)

1- Add Kind of meal (addkind.php)

eg. T-sirt Logout

FOOD DELIVERY KSA MEAL KIND OF MEAL MAIN BANNER

you are connect1

Add of Kind

kind of meal...

Save

Navigation
 Homepage
 About Us
 Contac Us
 Your Cart
 Login

My Account
 My Account
 Order History
 Wish List
 Newsletter

FOOD DELIVERY KSA
 Lorem Ipsum is simply dummy text of the printing and typesetting industry. the Lorem Ipsum has been the industry's standard dummy text ever since the you.


COPYRIGHT 2013 BOOTSTRAPPAGE TEMPLATE ALL RIGHT RESERVED.

2- Show all kind (kindshow.php)

eg. T-sirt Logout

FOOD DELIVERY KSA MEAL KIND OF MEAL MAIN BANNER

you are connect2



All Kind

stick

Add new kind +

update kind delete kind

drink

update kind delete kind

الأخير التالي 1 السابق الأولى

3- Update kind meal inserted (updatekind.php)

The screenshot shows a web page titled "update of Kind". At the top, there is a search bar with the placeholder text "eg. T-sirt" and a "Logout" link. The main header includes the "FOOD DELIVERY KSA" logo and navigation links for "MEAL", "KIND OF MEAL", and "MAIN BANNER". Below the header, the text "you are connect" is displayed. The main content area features a large heading "update of Kind" and a form with a text input field containing the word "stick" and a "Save" button. The footer contains a navigation menu with links for "Homepage", "About Us", "Contac Us", "Your Cart", and "Login" under the "Navigation" section; "My Account", "Order History", "Wish List", and "Newsletter" under the "My Account" section; and a copyright notice "COPYRIGHT 2013 BOOTSTRAPPAGE TEMPLATE ALL RIGHT RESERVED." and a "FOOD DELIVERY KSA" logo with a paragraph of Lorem Ipsum text.

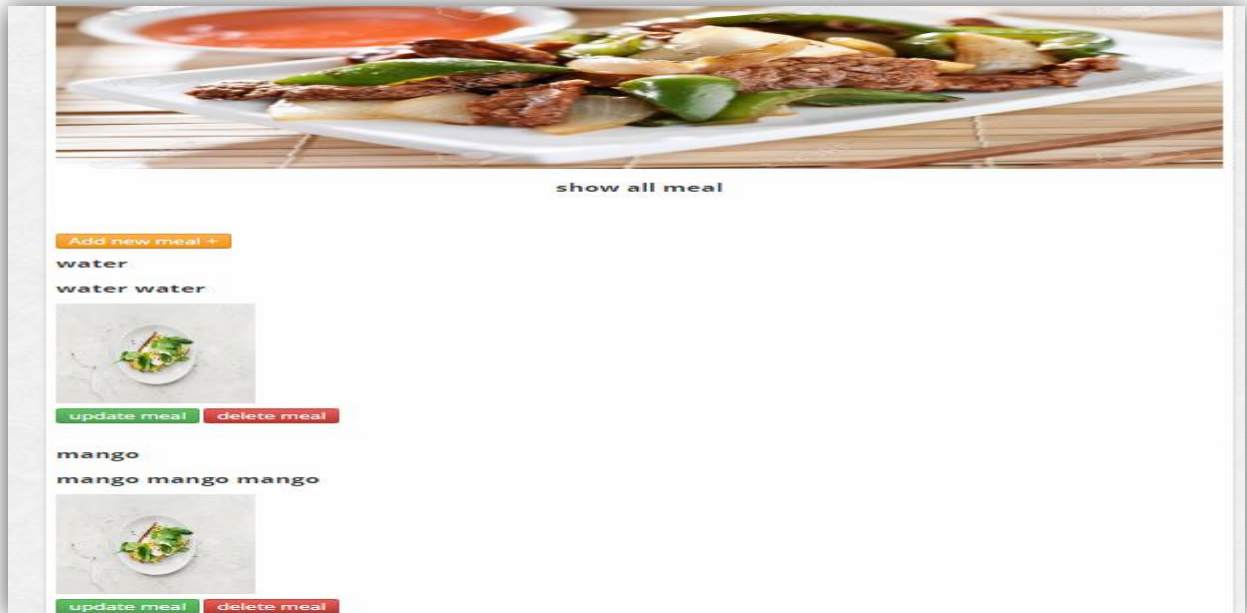
Menu main

1- Add meal (addmeal.php)

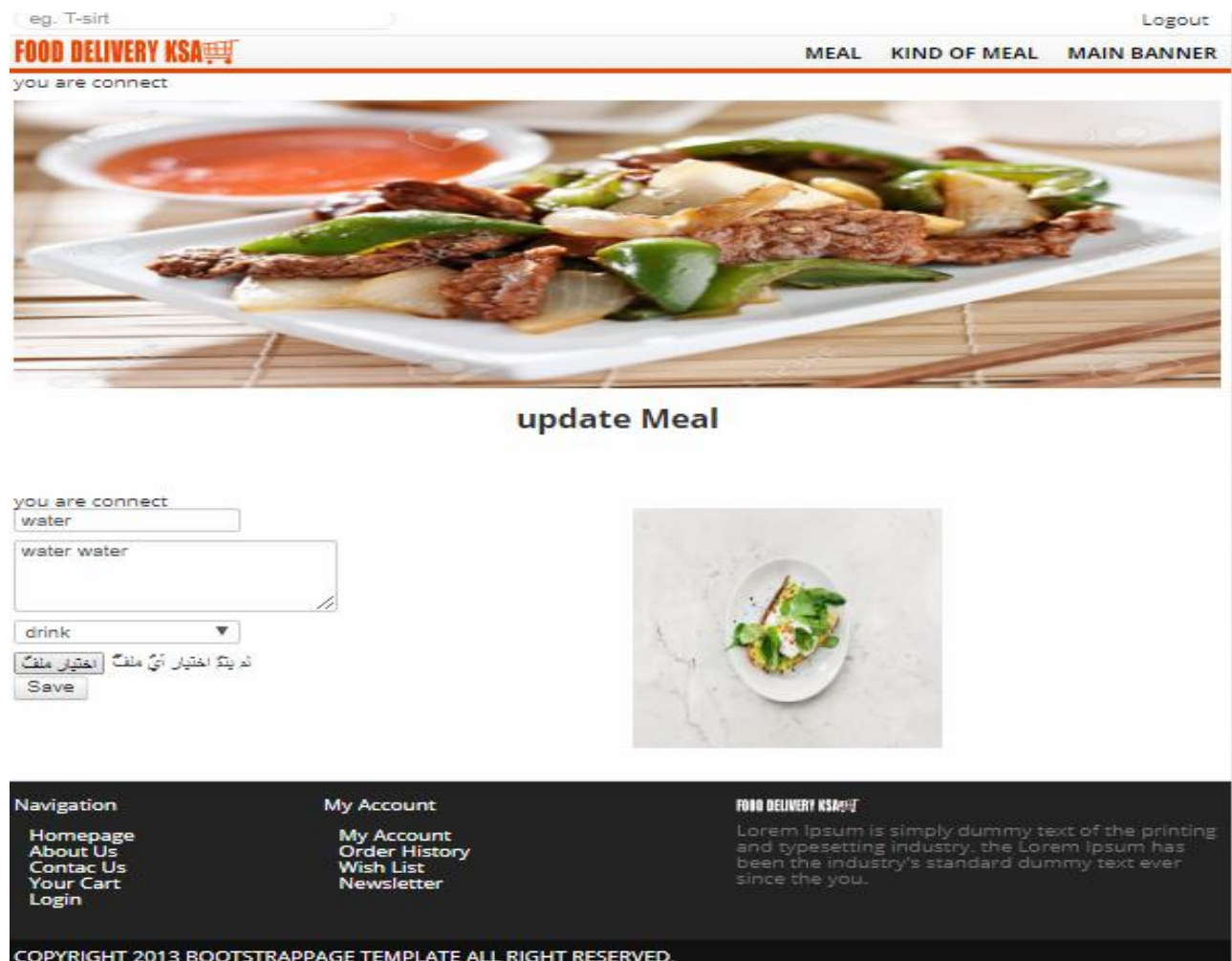
The screenshot shows a web page titled "Add new meal". At the top, there is a search bar with the placeholder text "eg. T-sirt" and a "Logout" link. The main header includes the "FOOD DELIVERY KSA" logo and navigation links for "MEAL", "KIND OF MEAL", and "MAIN BANNER". Below the header, the text "you are connect" is displayed. The main content area features a large heading "Add new meal" and a form with several input fields: "meal name...", "description meal..." (a larger text area), "kind Meal..." (a dropdown menu), "meal Price..." (a text input field), and a "Save" button. There is also a small text field with Arabic text "لم يتم اختيار أي ملف" and a button labeled "اختيار ملف". The footer contains a navigation menu with links for "Homepage", "About Us", "Contac Us", "Your Cart", and "Login" under the "Navigation" section; "My Account", "Order History", "Wish List", and "Newsletter" under the "My Account" section; and a copyright notice "COPYRIGHT 2013 BOOTSTRAPPAGE TEMPLATE ALL RIGHT RESERVED." and a "FOOD DELIVERY KSA" logo with a paragraph of Lorem Ipsum text.

2- Show all meal in Restaurant (mealshow.php)

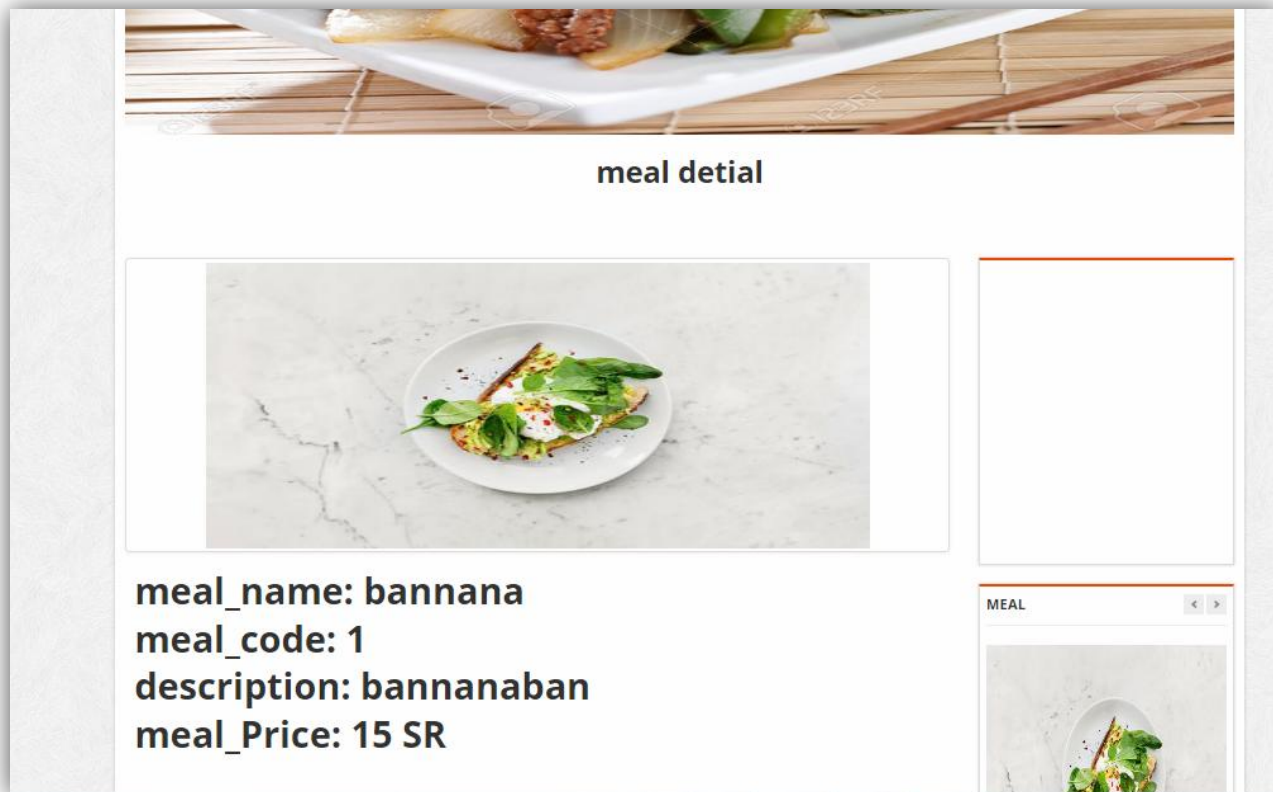
p



3- Update meal (updatemeal.php)



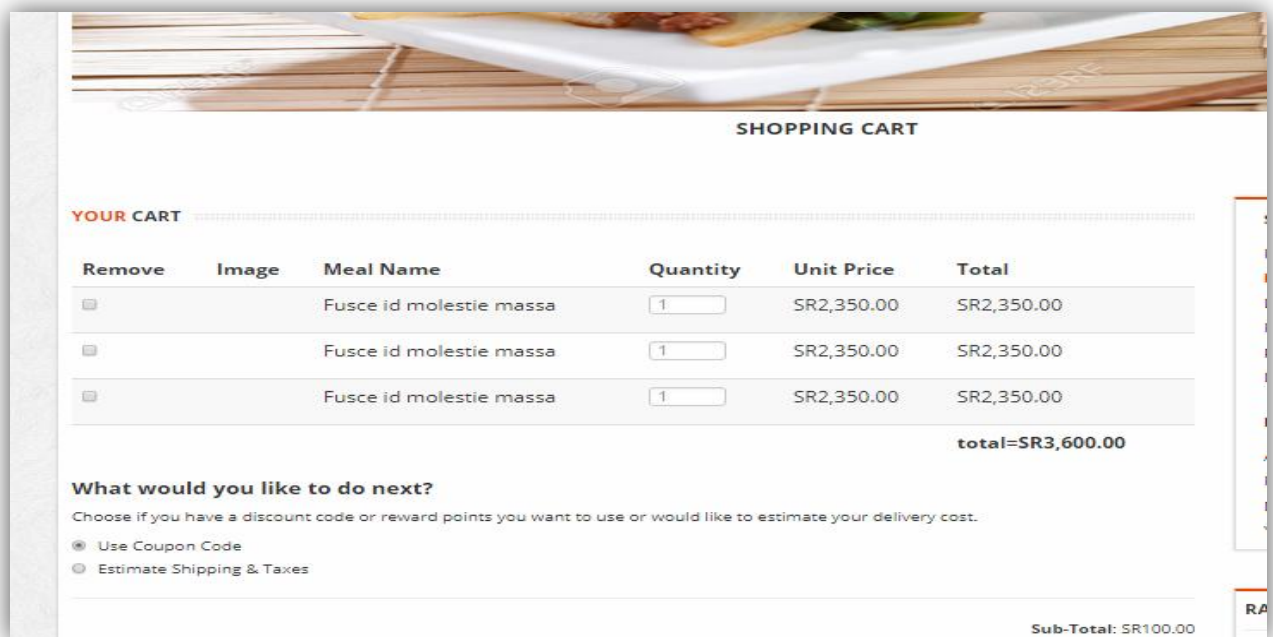
Meal detail page (meal_detail.php)



The screenshot shows a meal detail page. At the top, there is a banner image of a dish on a white plate. Below the banner, the text "meal detial" is centered. A main image shows a plate of food with green leaves and a white sauce. To the right of this image is a vertical sidebar with a "MEAL" section containing a smaller version of the main image. Below the main image, the following details are listed:

meal_name: bannana
meal_code: 1
description: bannanaban
meal_Price: 15 SR

Page Cart (my bill) (cart.php)



The screenshot shows a shopping cart page. At the top, there is a banner image of a dish on a white plate. Below the banner, the text "SHOPPING CART" is centered. The main content area is titled "YOUR CART" and contains a table with the following columns: Remove, Image, Meal Name, Quantity, Unit Price, and Total. The table lists three items, each with a quantity of 1 and a unit price of SR2,350.00, resulting in a total of SR3,600.00. Below the table, there is a section titled "What would you like to do next?" with two radio button options: "Use Coupon Code" (selected) and "Estimate Shipping & Taxes". At the bottom right, the text "Sub-Total: SR100.00" is displayed.

Remove	Image	Meal Name	Quantity	Unit Price	Total
<input type="checkbox"/>		Fusce id molestie massa	<input type="text" value="1"/>	SR2,350.00	SR2,350.00
<input type="checkbox"/>		Fusce id molestie massa	<input type="text" value="1"/>	SR2,350.00	SR2,350.00
<input type="checkbox"/>		Fusce id molestie massa	<input type="text" value="1"/>	SR2,350.00	SR2,350.00
					total=SR3,600.00

What would you like to do next?
Choose if you have a discount code or reward points you want to use or would like to estimate your delivery cost.

Use Coupon Code
 Estimate Shipping & Taxes

Sub-Total: SR100.00

