



## FIT5032 Design Report (HD Code Task)

### The Street Food Website

Luyang Ye 26610000

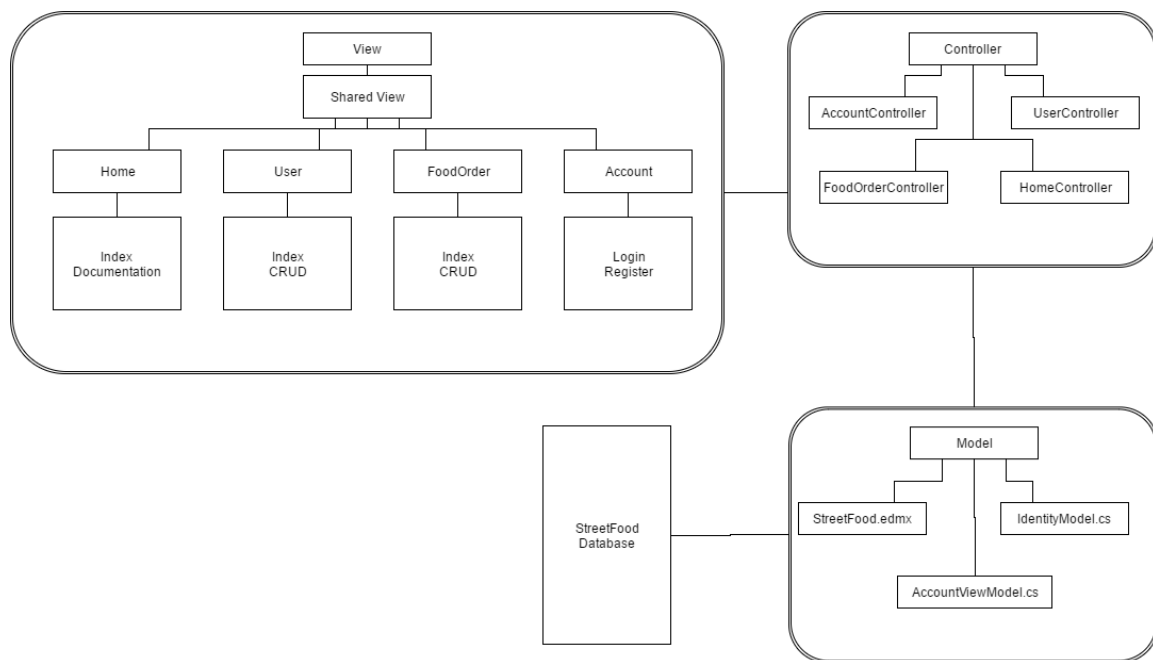
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## 1. Overview

This website is called The Street Food. The purpose of this website is to help visitors have a view of what kind of food they can order from this website and also to help the owner of this website to manage all the orders and users. It contains Home page, Food order page and registration and login page.

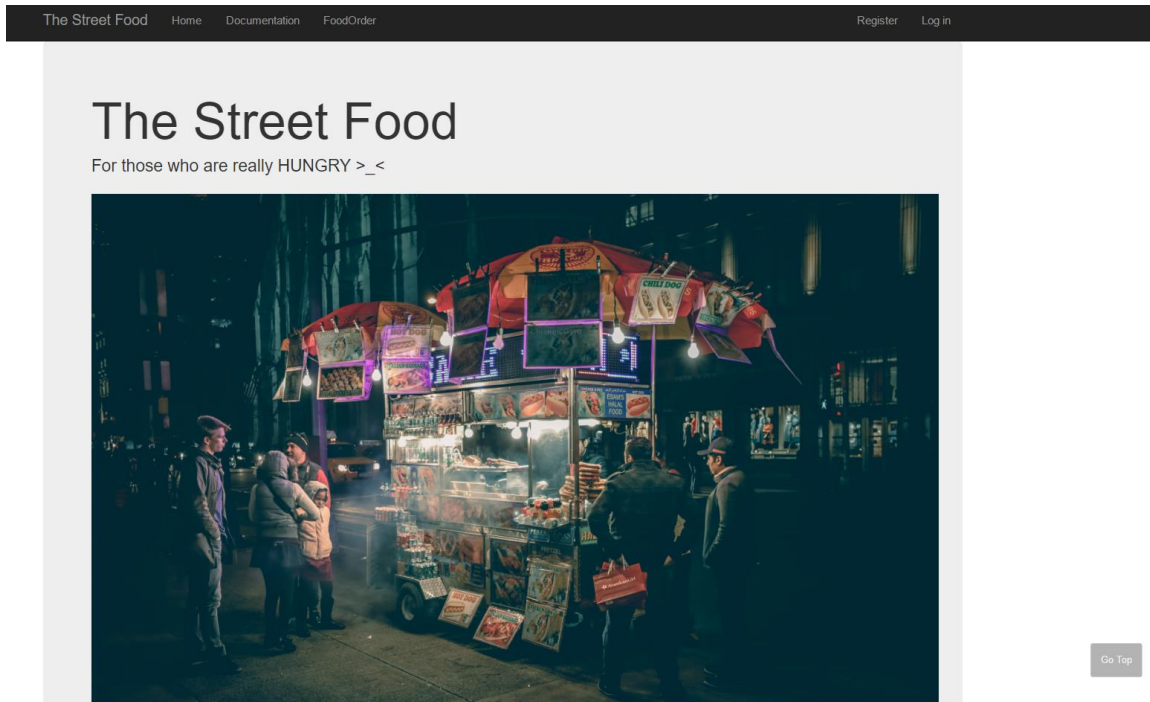
The main goal of this website is to create a website by using the knowledge I have learnt about MVC structure and JQuery. During the process of conducting this website, I have a comprehensive understanding of the relationship between Models, Controllers, and Views. Also gained more experience of how to use JQuery as well.

## 2. Functional diagram



### 3. Core program functionality

#### For Home page:



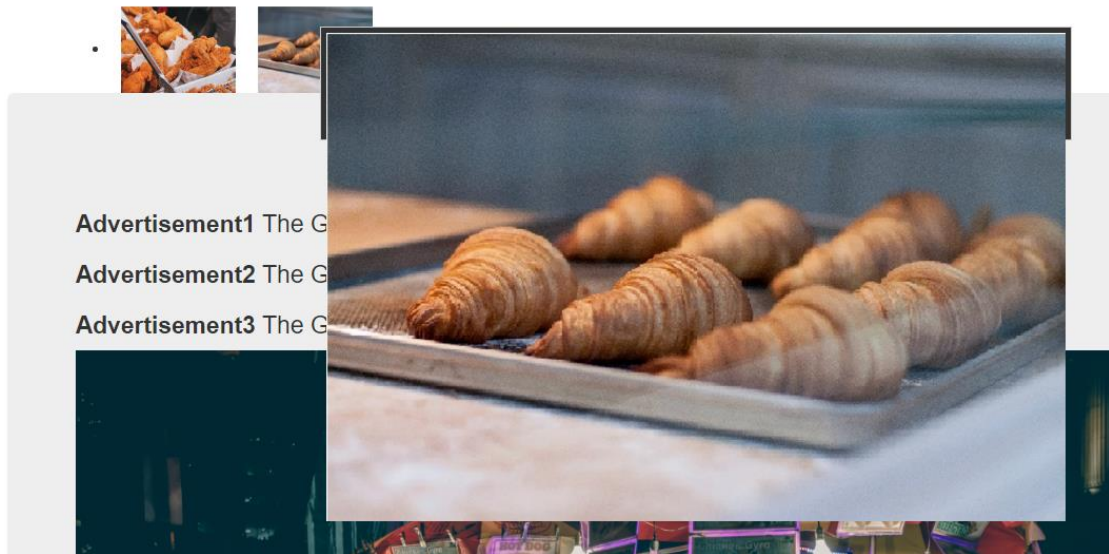
Visitors can see images and information about this website. Also there are 3 JQuery features in this page to improve the usability of this website.

When users going through the page, at right bottom there is a button called “Go Top” which can help users go back to the top of this page.



Go Top

There are pictures about food in this page which visitors can have a view of them. When visitors put their mouse on the pictures they will zoom in and show more details.



There are three advertisements in this page and visitors can click them to hide these ads. See as blow ad1 and 2 have gone.

**Advertisement2** The Greim Butter is great!!!

### **For Login Page and Register Page:**

These two pages can let visitors login and register. The information they provide will be stored in the database.

## Log in.

Use a local account to log in.

User name

Password

☐ Remember me?

Log in

[Register](#) if you don't have a local account.

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## Register.

Create a new account.

User name

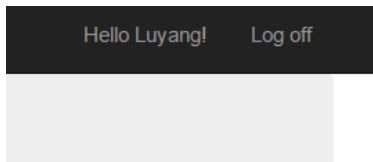
Password

Confirm password

Register

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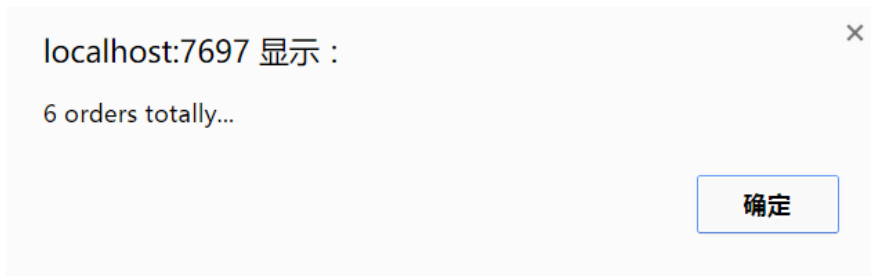
There will be a message shown at the top right of the page after users log into the system. Also users can log off their account.



### For FoodOrder Page:

This page is for users to have a view of the order data and do CRUD operations to these records as well as searching for a particular user's data. Also there are 3 JQuery features in this page to improve the usability.

When this page is loaded, there will be a message box to show how many records in this page:



The odd and even number of lines have different colours and when users put their mouse at on line the colour of this line will change to green:

### Index

[Create New](#)

Search By: UserName

Desc	Total	Date	UserName	
Two Wings	3.00	10/04/2016 12:00:00 AM	Adom	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
Two Wicked Wings and one Hot dogs	13.00	10/11/2016 12:00:00 AM	Luyang	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
Simple combo	12.00	10/12/2016 12:00:00 AM	Luyang	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

When users want to create or edit the date of one record, there will be a Datepicker to help them pick a time.

Userld

Desc

Total

Date

October 2016

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Users can search orders from one particular user.

Search By: UserName

Desc	Total	Date	UserName
Two Wicked Wings and one Hot dogs	13.00	10/11/2016 12:00:00 AM	Luyang
Simple combo	12.00	10/12/2016 12:00:00 AM	Luyang
Banana	1.00	10/11/2016 12:00:00 AM	Luyang

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## For Documentation Page

Visitors can see author's information and reference of all the pictures and JQuery in this website from the documentation page.



## Documentation.

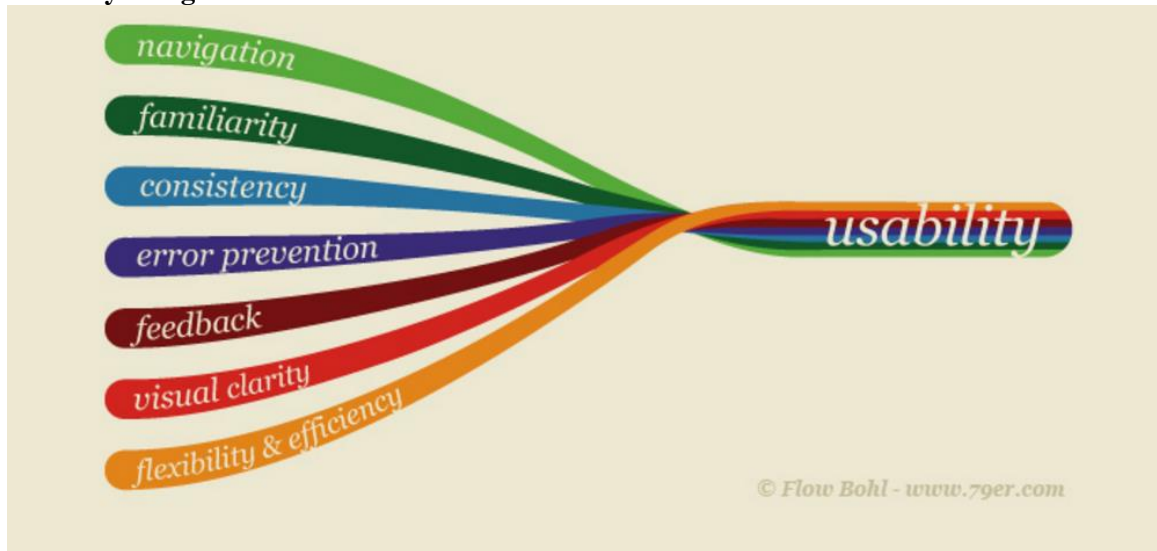
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#### 4. Usability Design Review



##### 4.1 Navigation

Navigation helps users to know how they can switch from one page to other pages they want to go. In this MVC website, all the views can be accessed through the navigator at the top of the page.

##### 4.2 Familiarity

Familiarity means visitors can recognize buttons and signs in the website and know what they can achieve due to these features. Like website links and Go Top button, they are explained well for their use. And also check button is familiar for visitors so that they know they can check their profile by pressing this button.

##### 4.3 Consistency

It means that every page has the same style layout. All these views are under the shared layout, So they all have same style.

##### 4.4 Error Prevention

Error prevention allows visitors to make mistakes in the website. For example the Registration page allows visitors to type in invalid information but no causing series problem.

It means that when visitors are interacting with the website, they can always get response due to their operation. For example in the Registration page, if visitors type in invalid information, the error message in can help visitors to know which part is wrong when they can't pass the validation. In Login page, users will get feedback if they left username or password textbox blank or they typed wrong information.

#### 4.6 Visual Clarity

It means UI should be neat and clear. Visitors should be easy to find what they want from your web page. The FoodOrder page is good example because users can simply find what they want in this page.

#### 4.7 Flexible and Efficiency

The website should be easy to switch between different pages and loading time should not be too long. For example a high quality image can let visitors see more details of the product but it takes long time for them to download it and this is a bad experience.

**5. Checklist of site functionality**

	<b>TICK if complet e</b>
<b>1. Master Page</b>	
Design	Yes
<b>2. Home Page</b>	
Design	Yes
<b>3. Content Pages</b>	
Design	Yes
Alphabetical list	Yes
Add Records	Yes
View Details	Yes
Edit Records	Yes
Delete Records	Yes
Add/Edit Validation	Yes
Search Function (Custom Template)	Yes
jQuery Functionality	Yes
<b>Additional Functionality</b>	Yes
<b>Documentation</b>	Yes
Author/assignment details	Yes
<b>Audit</b>	Yes
No breaking of copyright	Yes

**6. User stories (that are driving your design decisions)**

For this assignment, I'm really glad that I can finally have a chance to practice about MVC design by using what I have learnt. At first I was quite confused about the MVC scheme and not pretty sure how to use it. But after this Assignment I am pretty confidence of how to deal with the relationship between Models, Views, and Controllers. For me, I believe the real coding part is not that hard but have a comprehensive understanding is more vital.

As well as practicing the MVC, I also learnt how to use JQuery to achieve small and smart features in the page. And I have to mention I am really appreciate to the developers contribute to all those JQuery libraries. Their huge efforts make new developers like me easily use these amazing functions. I also notice that JavaScript has huge potential and I still have a lot to learn.

**7. Data dictionary** (of your application, including the main data structures and types used in your application.)