

# Web-based Ordering &Ingredient Estimating for Bakery Manufacturer

Software Design Document

By

**Miss. NontraMahachanont 542115026**

**Mr. ParinyaPanyanak 542115034**

Department of Software Engineering

College of Arts, Media and Technology

Chiang Mai University

Project Advisor

---

**Mr.PhudinanSingkhamfu**

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	1 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

Software Requirement Specification		
Cross Ref. VSE-29110	Coverage Level:	Version:
	V.1.0	V.1.0

Process Ownership	Approving Authority
Web-based Ordering & Ingredient Estimating for Bakery Manufacturer	Aj.Phudinan Singkhamfu
Scope	Approved Date
Senior Project	23 July 2014

Version Number	Record Date	Prepared/ Modified By	Reviewed By	Change Details
<b>Documents History</b>				
V.0.1	06-05-2014	NM, PP	NM, PP	- Add Chapter 1 - Add Chapter 2
V.0.2	07-05-2014	NM, PP	NM, PP	- Add Chapter 3 - Fix inappropriate words
V.0.4	09-05-2014	NM, PP	NM, PP	- Add Chapter 4 - Fix inappropriate words
V.0.6	12-05-2014	NM, PP	NM, PP	- Adjust Chapter 2 - Fix inappropriate words
V.1.0	24-06-2014	NM, PP	NM, PP	- Adjust Chapter 2 - Adjust Chapter 3 - Adjust Chapter 4 - Fix inappropriate words

\*NM = NontraMahachanont

\*PP = ParinyaPanyanak

\*PS = PhudinanSingkhamfu

## Table of contents

Chapter One   System Architecture .....	4
---	---

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	2 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

<b>Chapter Two  Detailed Design .....</b>	<b>7</b>
2.1 Class Diagram .....	7
2.2 Class Diagram Description.....	8
2.2.1 Controller Class.....	8
2.2.2 Model Class .....	12
2.2.3 ServiceClass .....	16
2.3 Sequence Diagram.....	17
2.3.1 Admin can activate member .....	17
2.3.2 User can login .....	18
2.3.3 User can logout .....	19
2.3.4 Admin can edit user information.....	20
2.3.5 Admin can delete user .....	21
2.3.6 Admin can view user information.....	22
2.3.7 Admin can create bakery product .....	23
2.3.8 Admin can edit bakery product information .....	24
2.3.9 Admin can delete bakery product .....	25
2.3.10 Usercan view bakery productlist.....	26
<b>Chapter Three   Data Architecture .....</b>	<b>27</b>
3.1 ER Diagram.....	27
3.2 ER Diagram Description .....	28
* Only database in Progress Report I .....	29
<b>Chapter Four   User Interface.....</b>	<b>30</b>

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	3 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

## Chapter One | System Architecture

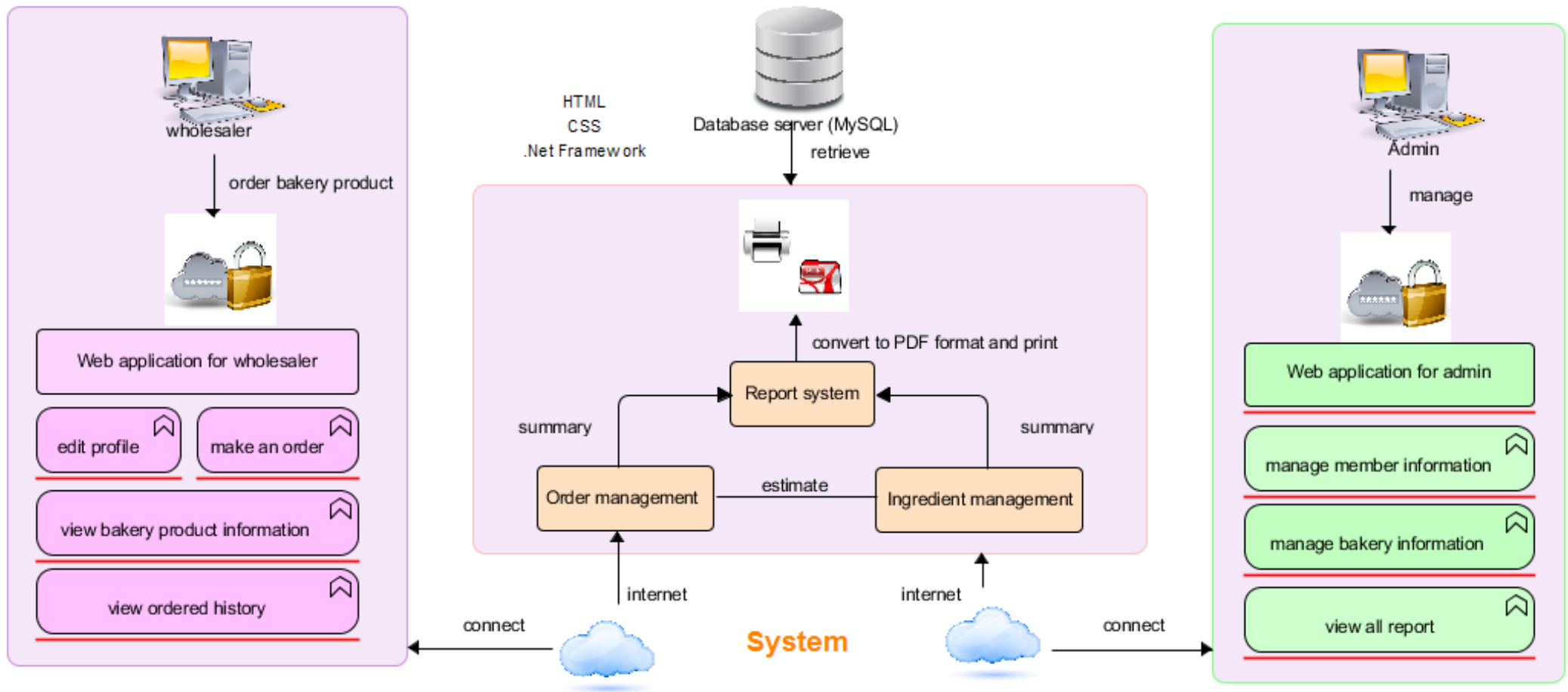
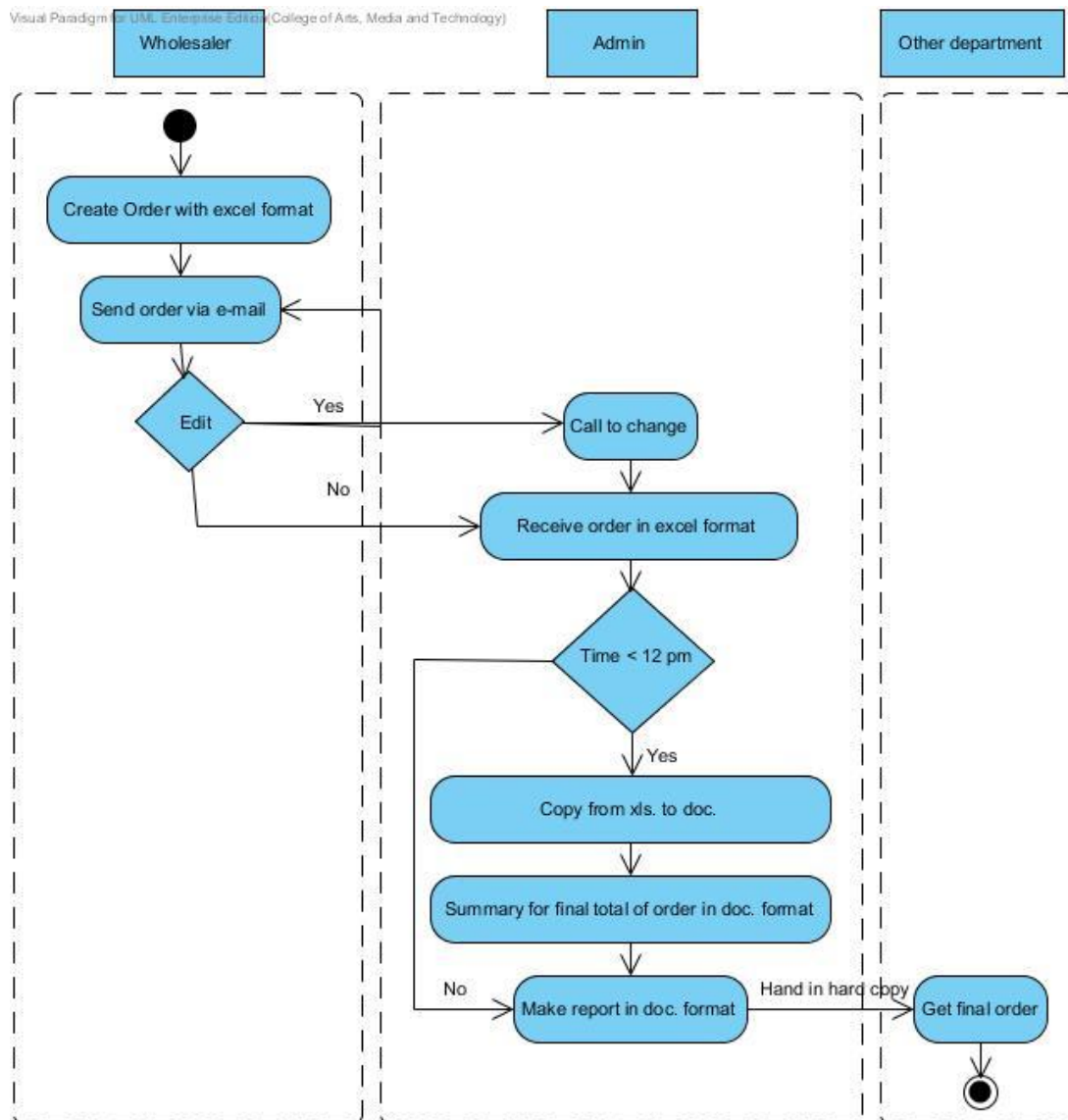


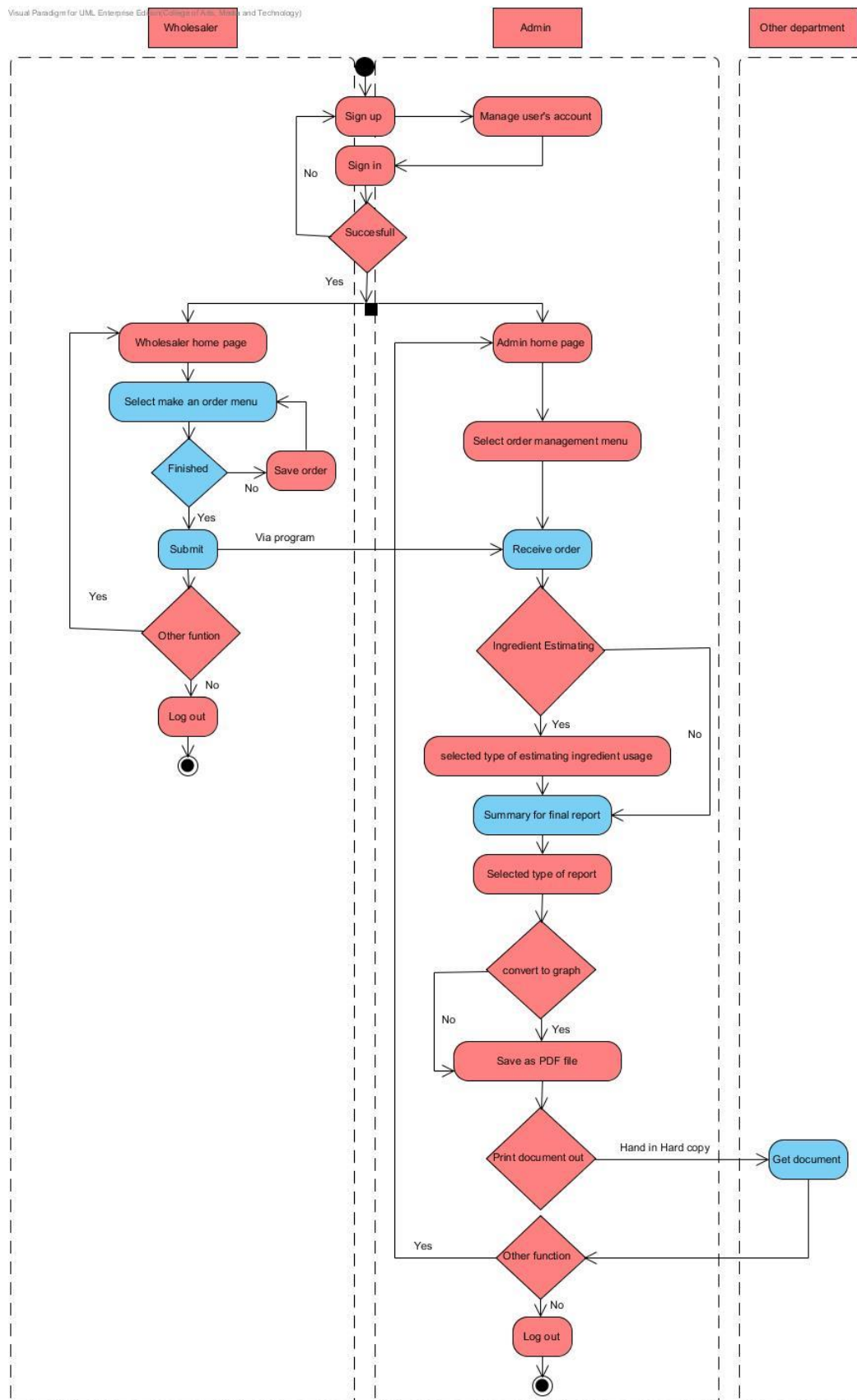
Figure 1: Web-based Ordering & Ingredient Estimating for Bakery Manufacturer

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	4 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014



**Figure 2: Flow chart of original workflow**

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	5 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014



**Figure 3: Flow chart of Web-based Ordering & Ingredient Estimating for Bakery Manufacturer**

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	6 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

## Chapter Two |Detailed Design

### 2.1 Class Diagram

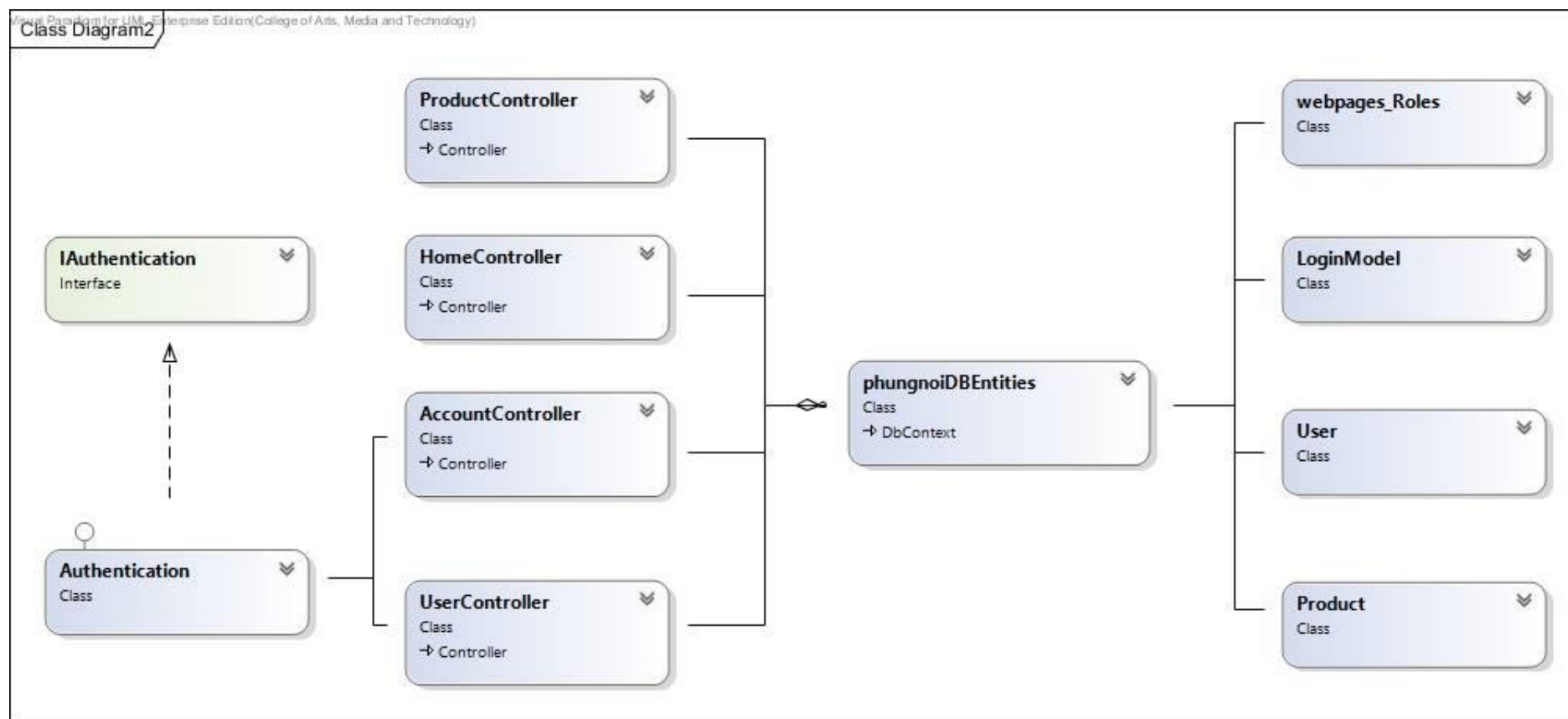
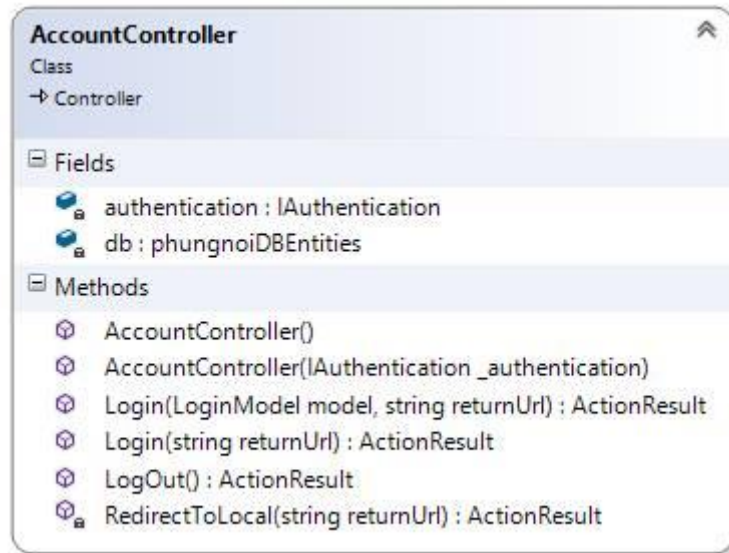


Figure 4: Class Diagram

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	7 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

## 2.2 Class Diagram Description

### 2.2.1 Controller Class

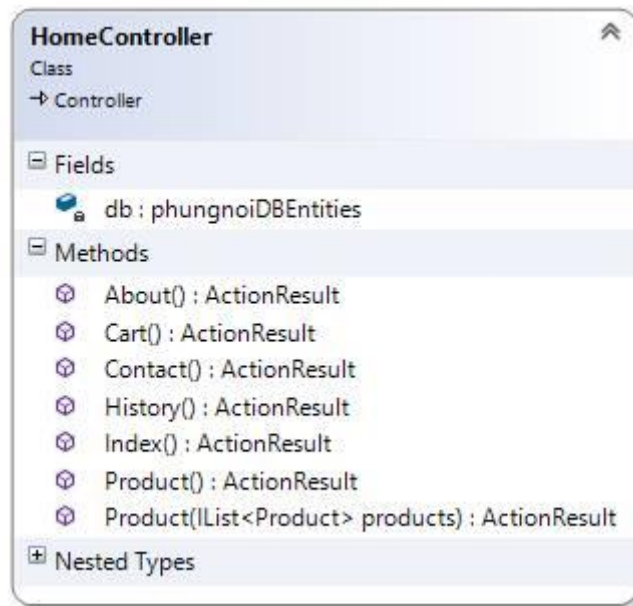


#### Method:

ID	Name	Description	Remark
1	Login()	This method uses for logging in to the system.	<b>Return Type:</b> ActionResult <b>Parameters:</b> model; LoginModel, returnUrl;String
2	Logout()	This method uses for logging out from the system.	<b>Return Type:</b> ActionResult

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	8 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

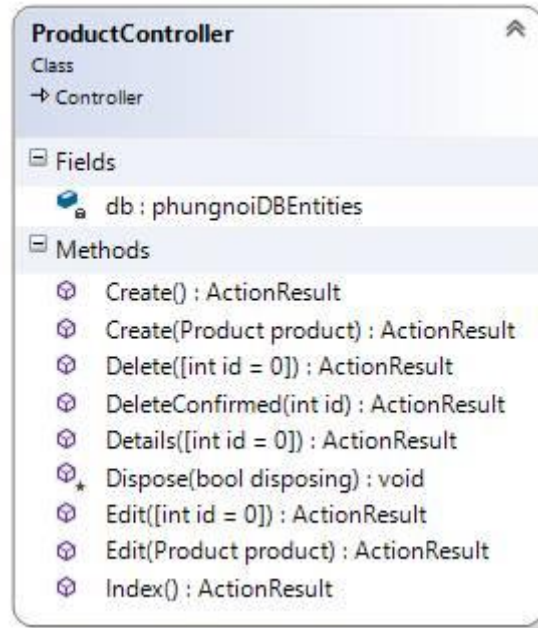




### Method:

ID	Name	Description	Remark
1	About()	This method uses to call the About page represent.	<b>Return Type:</b> ActionResult
2	Cart()	This method uses to call the Cart page represent.	<b>Return Type:</b> ActionResult
3	Contact()	This method uses to call the Contact page represent.	<b>Return Type:</b> ActionResult
4	History()	This method uses to call the History page represent.	<b>Return Type:</b> ActionResult
5	Index()	This method uses to call the Index page represent.	<b>Return Type:</b> ActionResult
6	Product()	This method uses to call the Product page represent that will be shown list of product.	<b>Return Type:</b> ActionResult <b>Parameters:</b> products; List<Product>

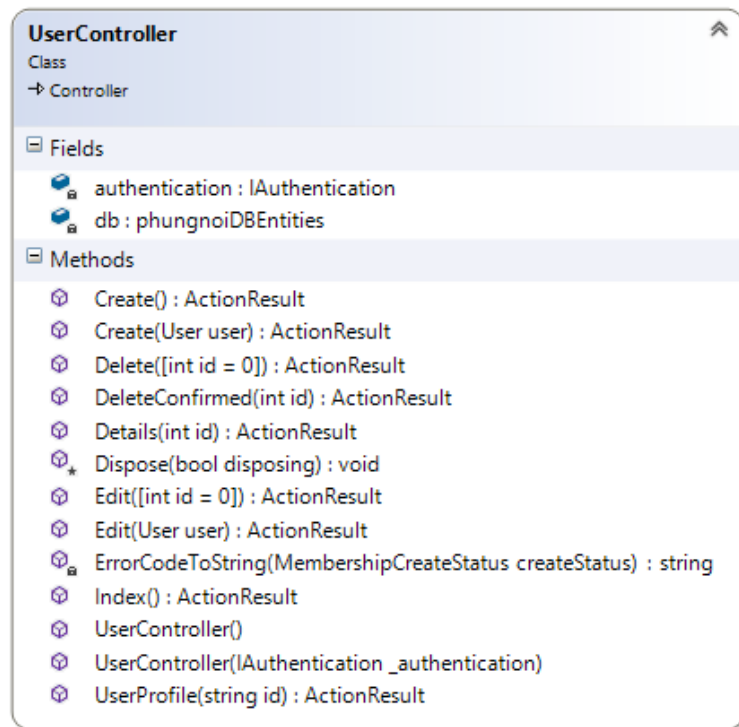
Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	9 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014



### Method:

ID	Name	Description	Remark
1	Create()	This method uses to call the Create page represent.	<b>Return Type:</b> ActionResult
2	Create()	This method used to add the product in to database.	<b>Return Type:</b> ActionResult <b>Parameters:</b> product; Product
3	Delete()	This method uses to call the Delete page represent.	<b>Return Type:</b> ActionResult <b>Parameters:</b> id = 0; int
4	DeleteConfirmed()	This method uses to delete the product into database.	<b>Return Type:</b> ActionResult <b>Parameters:</b> id; int
5	Edit()	This method uses to call the Edit page represent.	<b>Return Type:</b> ActionResult <b>Parameters:</b> id=0;int
6	Edit()	This method used to update the product information into database.	<b>Return Type:</b> ActionResult <b>Parameters:</b> product;Product
7	Details()	This method uses to call the details of the product.	<b>Return Type:</b> ActionResult <b>Parameters:</b> int id = 0
8	Index()	This method uses to call the index page represent.	<b>Return Type:</b> ActionResult

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	10 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

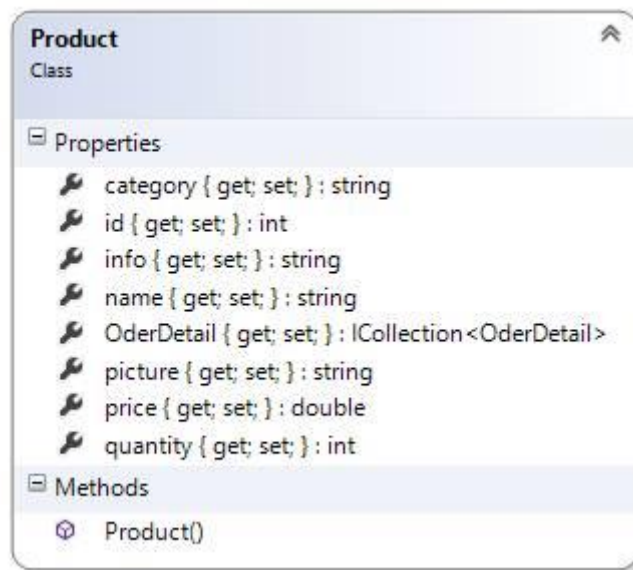


### Method:

ID	Name	Description	Remark
1	Create()	This method uses to call the Create page represent.	<b>Return Type:</b> ActionResult
2	Create()	This method used to add the product in to database.	<b>Return Type:</b> ActionResult <b>Parameters:</b> user; User
3	Delete()	This method uses to call the Delete page represent.	<b>Return Type:</b> ActionResult <b>Parameters:</b> id = 0; int
4	DeleteConfirmed()	This method uses to delete the product into database.	<b>Return Type:</b> ActionResult <b>Parameters:</b> id; int
5	Edit()	This method uses to call the Edit page represent.	<b>Return Type:</b> ActionResult <b>Parameters:</b> id=0;int
6	Edit()	This method used to update the product information into database.	<b>Return Type:</b> ActionResult <b>Parameters:</b> user;User
7	Details()	This method uses to call the details of the product.	<b>Return Type:</b> ActionResult <b>Parameters:</b> int id = 0
8	Index()	This method uses to call the index page represent.	<b>Return Type:</b> ActionResult
9	UserProfile()	This method uses to call the User Profile page represent.	<b>Return Type:</b> ActionResult <b>Parameters:</b> int id = 0

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	11 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

## 2.2.2 Model Class



### Property:

ID	Name	Description	Remark
1	Category	This properties uses for storing the Product category into the database.	<b>Type:</b> String
2	Id	This properties uses for storing the product id into the database.	<b>Type:</b> Int
3	info	This properties uses for storing the product information into the database.	<b>Type:</b> String
4	name	This properties uses for storing the product name into the database.	<b>Type:</b> String
5	picture	This properties uses for storing the product picture into the database.	<b>Type:</b> String
6	price	This properties uses for storing the product price into the database.	<b>Type:</b> String

### Method:

ID	Name	Description	Remark
1	Product()	This method is a constructor of Product.	<b>Return Type:</b> ActionResult

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	12 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014



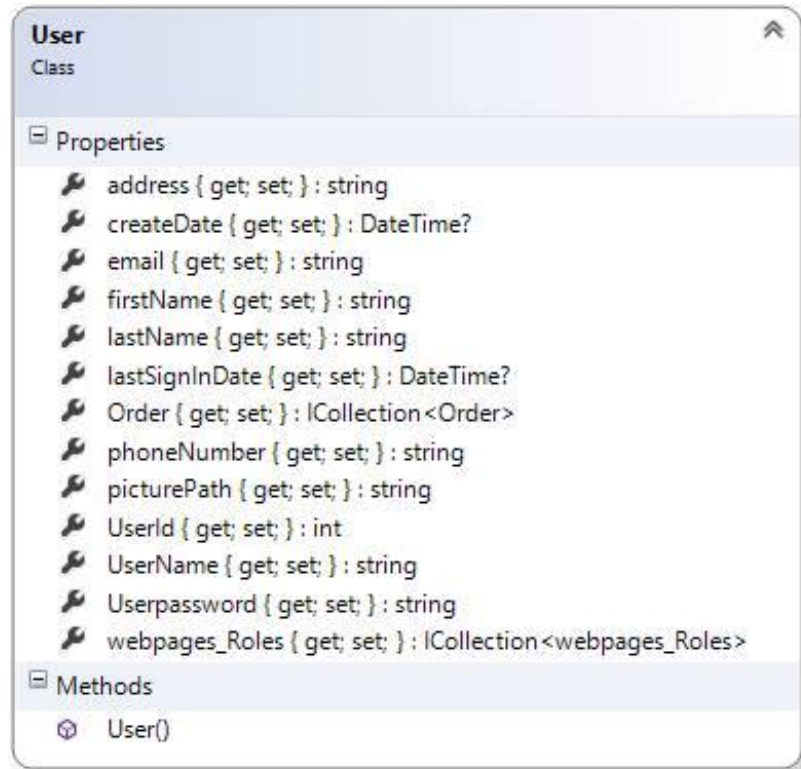
### Property:

ID	Name	Description	Remark
1	RoleId	This property uses for separating the role of user from the database.	<b>Type:</b> Int
2	RoleName	This property uses for separating the name of user into the database.	<b>Type:</b> String
3	UserProfile	This property uses for storing the product information into the database.	<b>Type:</b> Collection <User>

### Method:

ID	Name	Description	Remark
1	Webpage_Roles()	This method is a constructor of Webpage_Roles.	<b>Return Type:</b> ActionResult

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	13 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014



### Property:

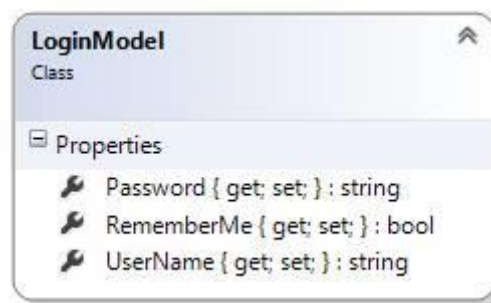
ID	Name	Description	Remark
1	address	This property uses for storing the address of user into the database.	<b>Type:</b> String
2	CreateDate	This property uses for storing the date of activated user into the database.	<b>Type:</b> DateTime
3	firstName	This property uses for storing the first name of user into the database.	<b>Type:</b> String
4	lastName	This property uses for storing the last name of user into the database.	<b>Type:</b> String
5	lastSignInDate	This property uses for storing the last sign in date of user into the database.	<b>Type:</b> DateTime
6	phoneNumber	This property uses for storing the phone number of user into the database.	<b>Type:</b> String
7	picturePath	This property uses for storing the picture of user into the database.	<b>Type:</b> String
8	userId	This property uses for storing the id of user into the database.	<b>Type:</b> Int

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	14 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

9	userName	This property uses for storing the email of user into the database.	<b>Return Type:</b> String
10	userPassword	This property uses for storing the password of user into the database.	<b>Return Type:</b> String
11	Webpage_roles	This property uses for storing the role of user into the database.	<b>Return Type:</b> Collection <Webpage_roles>

### Method:

ID	Name	Description	Remark
1	User()	This method is a constructor of User.	<b>Return Type:</b> ActionResult

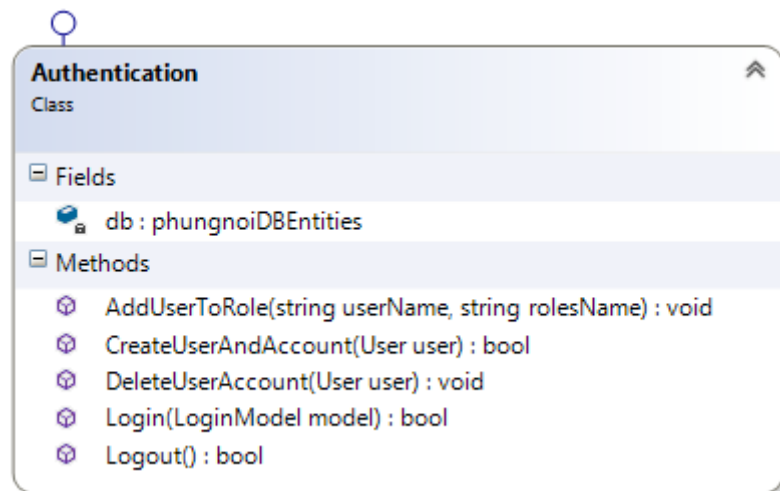


### Property:

ID	Name	Description	Remark
1	Password	This property uses for storing the password of user into the database.	<b>Return Type:</b> String
2	UserName	This property uses for storing the username into the database.	<b>Return Type:</b> String
3	RememberMe	This property uses for storing the login into the database.	<b>Return Type:</b> Boolean

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	15 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

### 2.2.3 ServiceClass



#### Method:

ID	Name	Description	Remark
1	AddUserToRole()	This method uses to adding a role of user.	<b>Return Type:</b> void <b>Parameters:</b> username ;string,rolesName; string
2	CreateUserAndAccount()	This method uses to creating a new user.	<b>Return Type:</b> Boolean <b>Parameters:</b> user; User
3	DeleteUserAccount()	This method uses to deleting a user from database.	<b>Return Type:</b> void <b>Parameters:</b> user; User
4	Login()	This method uses to logging in before using all functional website.	<b>Return Type:</b> Boolean <b>Parameters:</b> model; LoginModel
5	Logout()	This method uses to logging a user out from the website.	<b>Return Type:</b> Boolean

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	16 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014



## 2.3 Sequence Diagram

### 2.3.1 Admin can activate member

282

FirstOrDefault<User>

**Figure 5: SD-01 Admin can activate user**

First, Admin creates user by input the information and submits to the controller. Then, the controller will validate the existing of the user and the model state availability. If the information passed those validations. It will assign the role for User. Then, it will redirect to user detail page.

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	17 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

### 2.3.2 User can login

**Figure 6: SD-02 User can login**

Admin and wholesaler must have to login before using the system. First, both of user type must inputs username and password. Then select login button, AccountController will be checking the model. If authentication valid will be call action RedirectToLocal. Else the user no permission, the controller will redirect to login page.

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	18 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

### 2.3.3 User can logout

**Figure 7: SD-03 User can logout**

Admin and wholesaler can logout from the system. First, both of user type select menu list on the top right of homepage. Then select logout to the system in UI-15. When user confirms logging out, the system will call action Logout from AccountController to Authentication. Then the system returns logout to AccountController in UI-01.

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	19 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

## 2.3.4 Admin can edit user information

78

FirstOrDefault<User>

Entry<User>

ToList<User>

**Figure 08: SD-04 Admin can edit user information**

First, Admin edits user by select edit link and inputs new update information. Then the system call action edit from UserController and call FirstOrDefault from DbSet<user> to found username of user in the database. If id of this username is equal to founded id, the system can update new user information to the database.

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	20 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

### 2.3.5 Admin can delete user

24

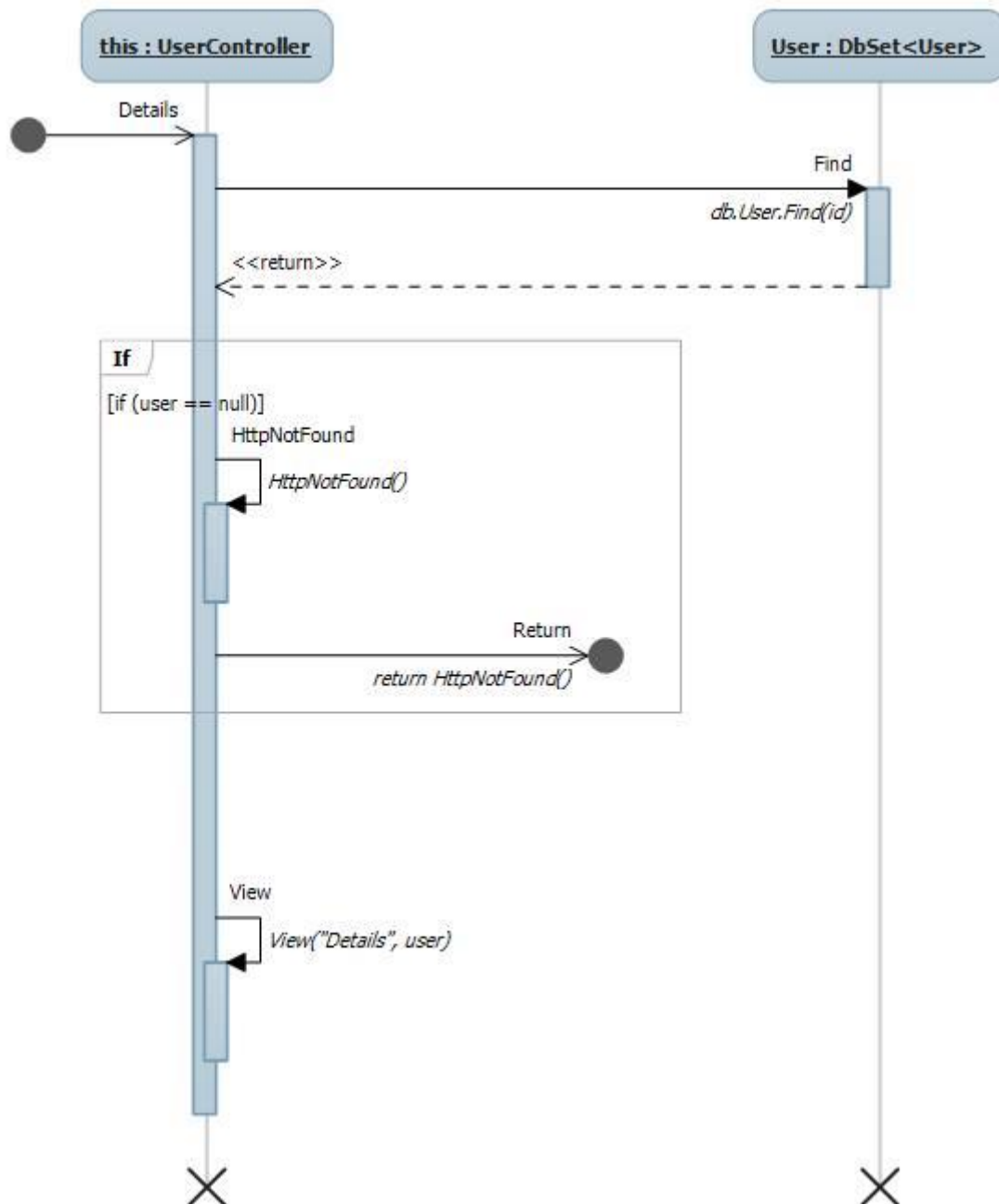
ToList<User>

**Figure 09: SD-05 Admin can delete user**

First, Admin deletes user by select delete button and submits to the controller. Then, the controller will find id of user and delete from the database. Then, it will redirect to user index page.

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	21 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

### 2.3.6 Admin can view user information



**Figure 10: SD-06 Admin can view user information**

First, Admin view user information by select detail link. Then, the controller will find id of user and return view to display information from the database. Then, it will redirect to user details page.

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	22 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

### 2.3.7 Admin can create bakery product

Figure 11: SD-07Admin can create bakery product

**Figure 11: SD-07Admin can create bakery product**

Admin can create new bakery product information. First, select product management button on the main page of admin. Then select create new bakery product and input bakery product information in UI-09. When admin confirms adding new bakery product information, the system will be call create action to ProductController and check model. If valid model, ProductController will be call add action to Dbset<Product> in the database. After save changes, the system will be return to index page of admin.

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	23 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

### 2.3.8 Admin can edit bakery product information

Figure 12: SD-08 Admin can edit bakery product information

Entry<Product>

ToList<Product>

**Figure 12: SD-08 Admin can edit bakery product information**

First, Admin edits bakery product by inputs update bakery product and submits to the controller. Then, the system will be call edit action to ProductController and check model. If model is valid, ProductController will be call Entry<product> action to updates new bakery product information and then save change in the database. Then, controller will be call list of all products before return to the index page.

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	24 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014



### 2.3.9 Admin can delete bakery product

✎

ToList<Product>

**Figure 13: SD-09Admin can delete bakery product**

First, admin deletes bakery product by select delete button and submit to the controller. The system will be call DeleteConfired action to Productcontroller and find product id that match to the require product. Then return this product back to ProductController and call remove action to remove the product from the database. After finishedcontroller will be remove that product from list of product and return to index page of admin.

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	25 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

## 2.3.10 User can view bakery product list

Figure 14: SD-10 User can view bakery product list

ToList<Product>

**Figure 14: SD-10 User can view bakery product list**

First, main menu user can view bakery product information by select product management page in UI-03 or UI-04, separate by type of users. The system will be call product action to HomeController then check keyword from search. If have keyword from user HomeController will call LINQ action to found list of products from DbSet<product> and return list of product UI-12. Else, HomeController display list of all product from the database.

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	26 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

## Chapter Three | Data Architecture

### 3.1 ER Diagram

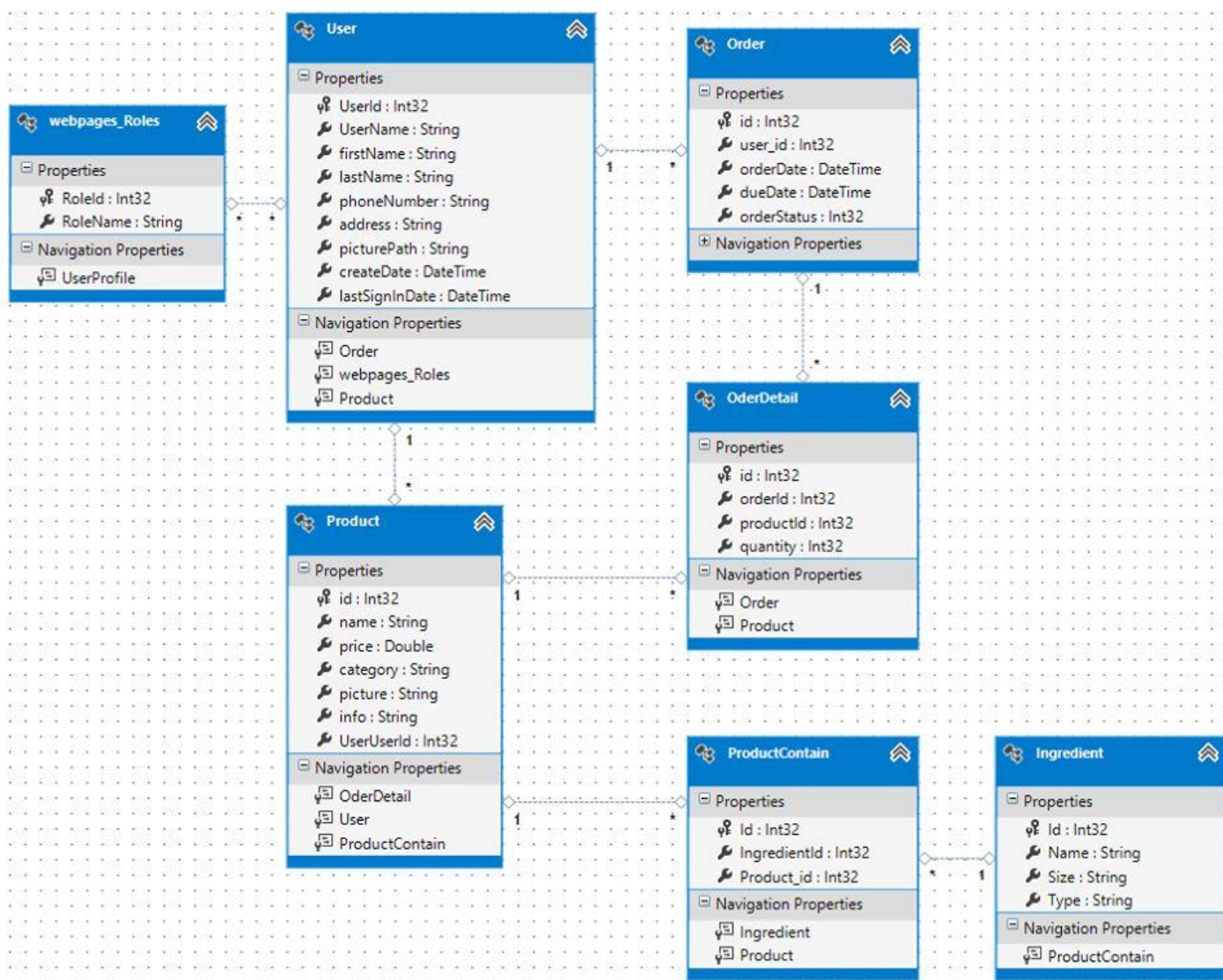
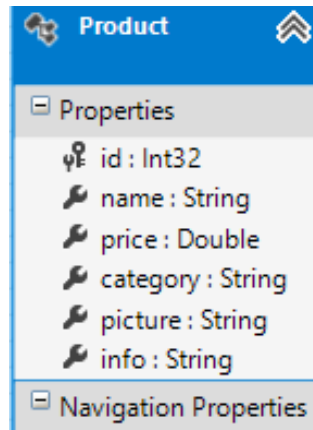


Figure 15: ER Diagram

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	27 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

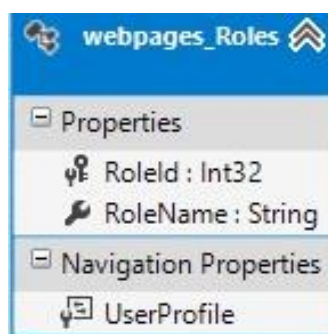
## 3.2 ER Diagram Description



**DB-01: Product**

Field	Type	Extra
<u>id</u>	Int(32)	- Primary Key - Not Null - Auto Incremental
name	String	- Not Null
price	Double	- Not Null
category	String	- Not Null
picture	String	- Not Null
info	String	- Not Null

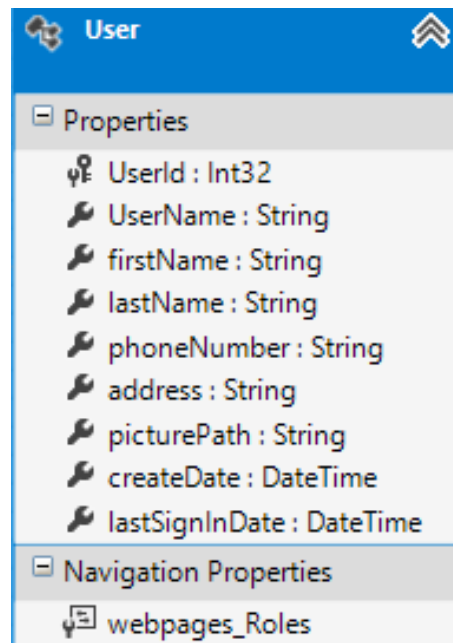
**DB-02: Webpage\_Roles**



Field	Type	Extra
<u>RoleId</u>	Int(32)	- Primary Key - Not Null
RoleName	String	- Not Null

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	28 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

### DB-03: User

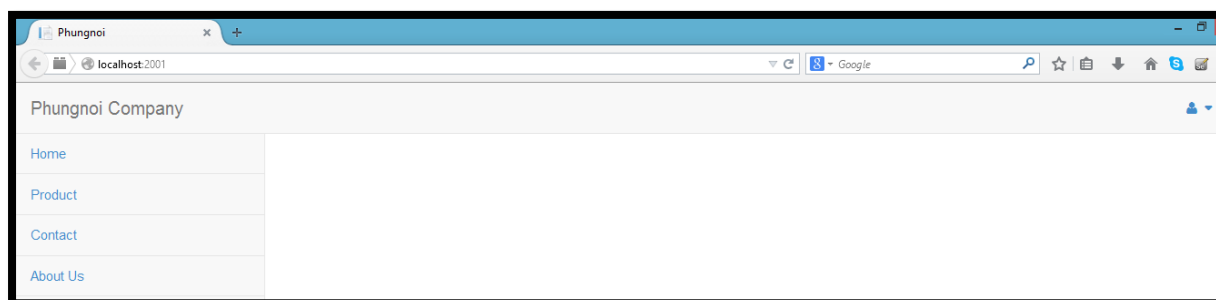


Field	Type	Extra
<u>userId</u>	Int(32)	- Primary Key - Not Null - Auto Incremental
userName	String	- Not Null
firstName	String	- Not Null
lastName	String	- Not Null
phoneNumber	String	- Not Null
address	String	- Not Null
picturePath	String	- Not Null
createDate	DateTime	- Not Null
lastSignInDate	DateTime	- Not Null

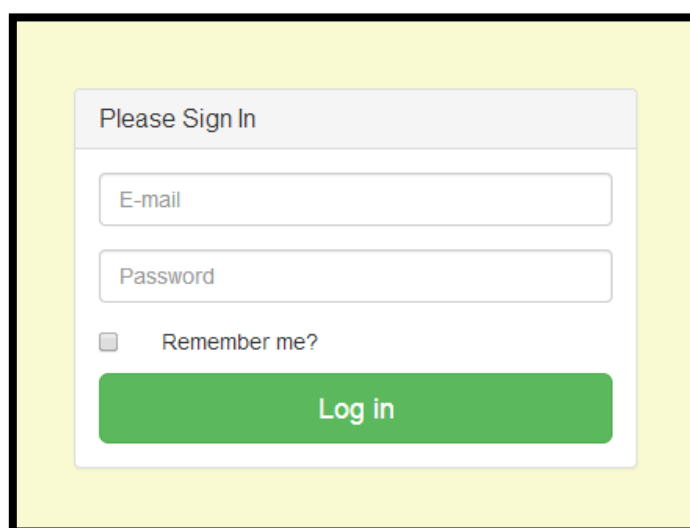
\* Only database in Progress Report I

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	29 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

## Chapter Four | User Interface

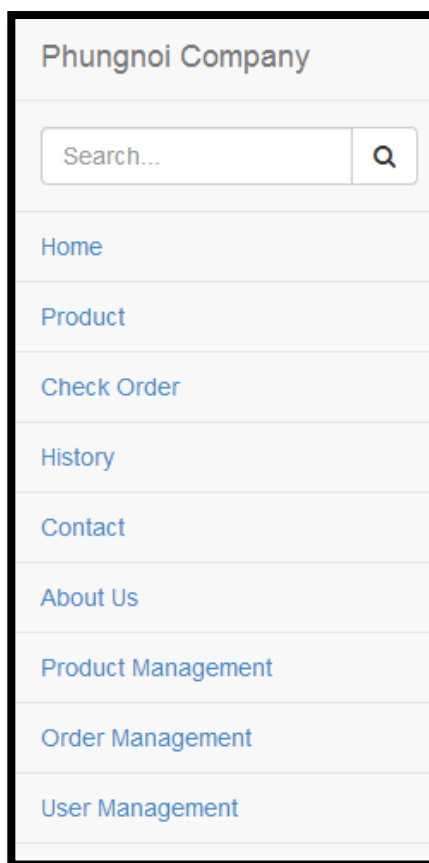


**Figure 16:** UI-01 Home page

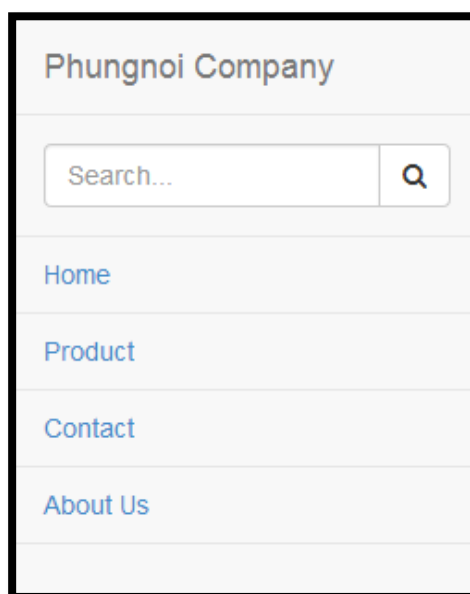


**Figure 17:** UI-02Login page

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	30 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014



**Figure 18:** UI-03 Admin main layout page



**Figure 19:** UI-04 Wholesaler main layout page

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	31 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

## Create

Add new product

<b>User Name</b>	<b>Phone Number</b>
<input type="text"/>	<input type="text"/>
<b>Password</b>	<b>Address</b>
<input type="text"/>	<input type="text"/>
<b>First Name</b>	<b>Picture</b>
<input type="text"/>	<input type="button" value="Browse~"/> <span>No file selected.</span>
<b>Last Name</b>	
<input type="text"/>	



[Back to List](#)

**Figure 20:** UI-05 Create user page

## List of Users

Users

[Create New](#)

#	Picture	User Name	First Name	Last Name	Last Signin	
2		tungtung	asdasd	asdasd	6/23/2014 12:00:00 AM	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
5		tung@dd.com	Tung	lastname	7/6/2014 1:46:40 PM	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

**Figure 21:** UI-06User management page

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	32 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014



## Edit

### Edit User

**User Name**

**Address**

**Password**

**Phone Number**

**First Name**

**Picture**

No file selected.


**Last Name**

[Back to List](#)

**Figure 22:** UI-07 Edit user information page

## Delete

### Delete your user



**User ID:** 5

**User Name:** tung@dd.com

**User Password:**

**Telephone Number:** 089133423

**Address:** sdfgd rgdsd vff dg

**Create date:** 6/16/2014 12:00:00 AM

**Last Sign in:** 7/6/2014 1:46:40 PM


[Back to List](#)

**Figure 23:** UI-08 Delete user page

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	33 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

## User Details

Details for user 'tung@dd.com'.



**User ID:** 5

**User Name:** tung@dd.com

**User Password:**

**Telephone Number:** 089133423

**Address:** sdfgd rgsd vff dg

**Create date:** 6/16/2014 12:00:00 AM

**Last Sign in:** 7/6/2014 1:46:40 PM

[Edit](#) | [Back to List](#)

**Figure 24:** UI-09Edit own detail page

## Create

Add new product

**Product Name \***

please input product name

**Product picture path \***

No file selected.

please input picture of product

**Price \***

please input price of the product

**Description**

please input explanation of product

**Category \***

please input catagory of product

[Back to List](#)

**Figure 25:** UI-10Create bakery product page

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	34 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014

# Edit

Edit your product

**name**

**price**

**category**

**Product picture path \***

No file selected.

**info**

[Back to List](#)

**Figure 26:** UI-11 Edit bakery product page

# Delete

Delete your product



**name:** zzz

**price:** B500.00

**category:** a

**info:** aaaaa

[Back to List](#)

**Figure 27:** UI-12 Delete bakery product page

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	35 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014




Bakery Products					
Select products				Search...	Q
#	Picture	Name	Price	Category	Info
1		Difuku	32	difuku	
2		Coconut cake	50	cake	
3		Soft cake	75	fresh cake	

Figure 28: UI-13Bakery product management page




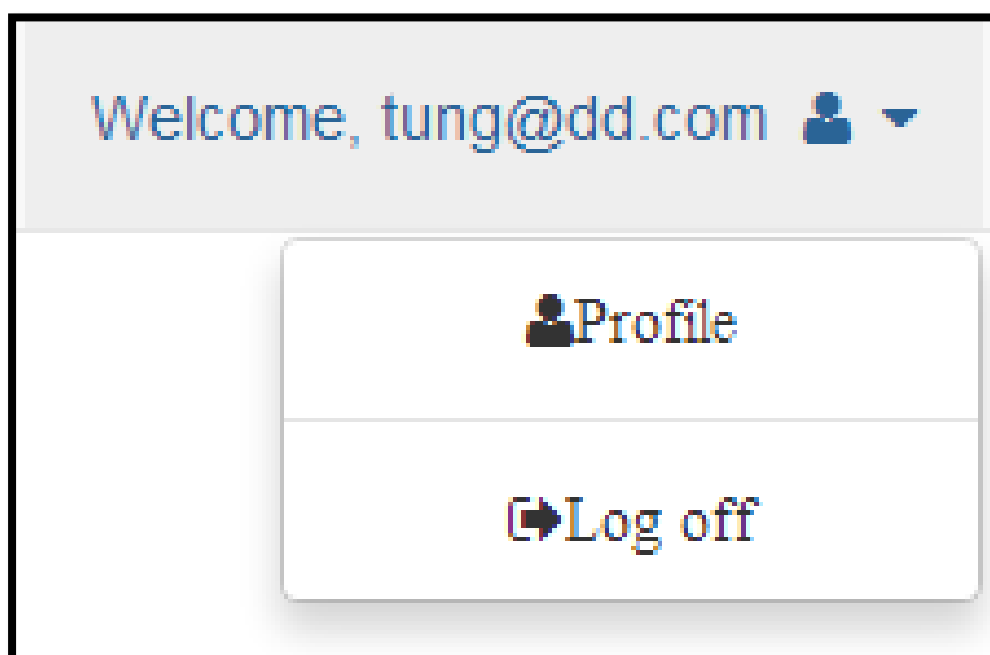
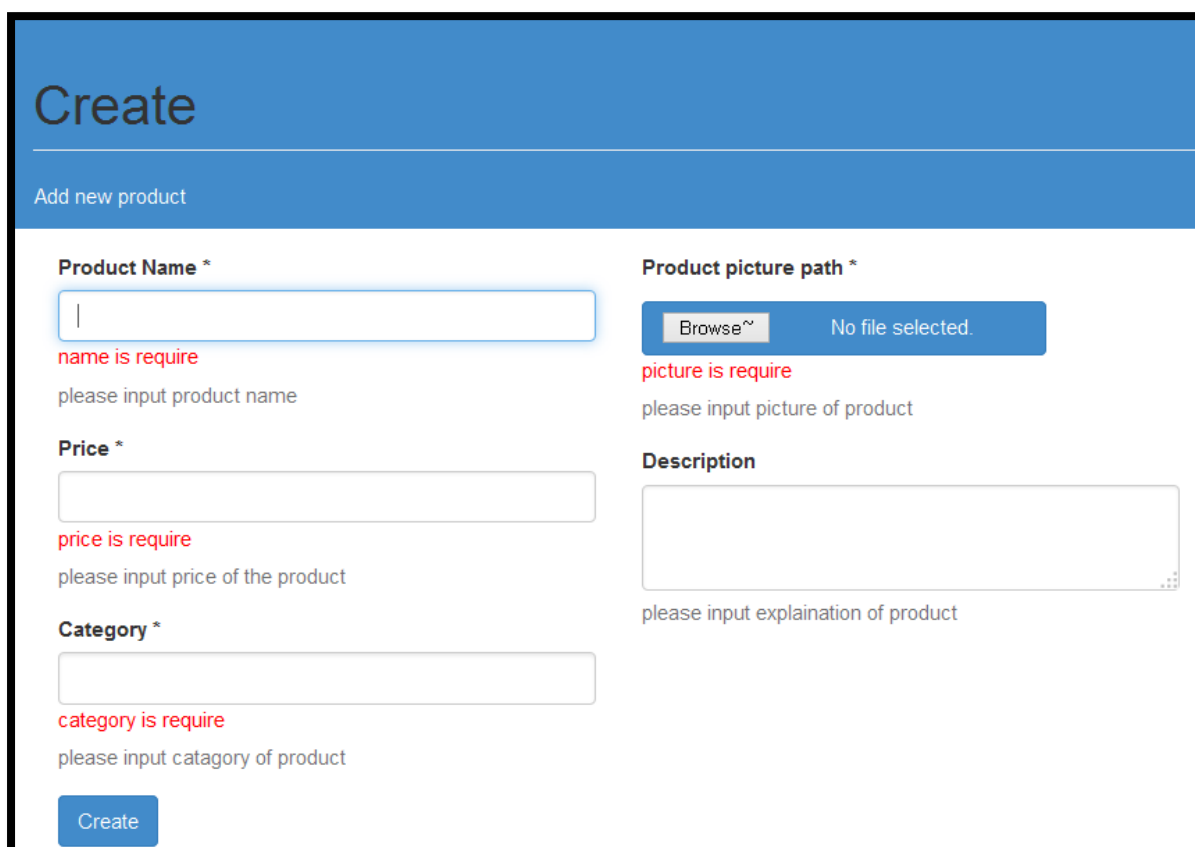
Bakery Products						Log in
Select products				Search...	Q	
#	Picture	Name	Price	Category	Info	
1		zzz	B500.00	a	aaaaa	
2		Sandwiches01	B999.00	b	bbbb	
3		Popcorn	B1.00	c	ccc	

Figure 29: UI-14Bakery product detail page

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	36 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014



**Figure 30:** UI-15 Logout page



The image shows a "Create" form for adding a new product. The form has a blue header with the title "Create" and a subtitle "Add new product". The form is divided into two columns. The left column contains three input fields: "Product Name \*" (with a red error message "name is require" and a hint "please input product name"), "Price \*" (with a red error message "price is require" and a hint "please input price of the product"), and "Category \*" (with a red error message "category is require" and a hint "please input catagory of product"). The right column contains two input fields: "Product picture path \*" (with a "Browse~" button, a "No file selected." message, a red error message "picture is require", and a hint "please input picture of product") and "Description" (with a hint "please input explanation of product"). A "Create" button is located at the bottom left of the form.

**Figure 31:** UI-16 Validationform page

Document Name	Web-based Ordering & Ingredient Estimating for Bakery Manufacturer – SDD_V.1.0.docx	Owner	PP, NM	Page	37 / 37
Document Type	Software Design Document	Release Date	23 July 2014	Print Date	27 August 2014