BTIS 3023
PRACTICAL PROJECT 1

Stage 3

Topic:
Inventory Management System

Name	**:**	**Lim Jing Xiang**
Student ID	**:**	**B130037C**
Batch	**:**	**BSE13-C2**
Supervisor	**:**	**Mr. So Yong Quay**
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Department of Computer Science
Faculty of Engineering and Information Technology

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1.0 System Catalog

This section will describe the role of each database field in this system.

1. Category_details

No.	Field	type	Extra
I.	id (Primary key)	Int (10)	Auto_increment
II.	category_name	Varchar(120)	-
III.	category_name	Varchar(250)	-

2. Customer_details

No.	Field	type	Extra
I.	id (Primary key)	Int (10)	Auto_increment
II.	company	Varchar(200)	-
III.	customer_name	Varchar(200)	-
IV.	customer_address	Varchar(500)	-
V.	customer_contact1	varchar(100)	-
VI.	customer_contact2	varchar(100)	-
VII.	customer_IC	varchar(20)	-

3. Poitem

No.	Field	type	Extra
I.	PODetailId (Primary key)	Int (11)	Auto_increment
II.	poItem	Varchar(50)	-
III.	poQuantity	int(3)	-
IV.	poPrice	double	-
V.	poNo	Varchar(7)	-
VI.	quantity_received	Int(11)	-

4. Purchaseorder

No.	Field	type	Extra
I.	id (Primary key)	Int (11)	Auto_increment
II.	poNo	Varchar(10)	-
III.	supplier_id	int(10)	-
IV.	supplier_name	varchar(100)	-
V.	poDate	timestamp	-
VI.	poTotal	double	-
VII.	status	enum('awaiting delivery','completed', 'cancelled')	

5. Stock_details

No.	Field	type	Extra
I.	<u>id</u> (Primary key)	Int (11)	Auto_increment
II.	stock_name	Varchar(50)	-
III.	stock_quatity	int(3)	-
IV.	supplier_id	Varchar(250)	-
V.	company_price	decimal(10,2)	-
VI.	selling_price	decimal(10,2)	-
VII.	category	Varchar(120)	-
VIII.	date	timestamp	
IX.	profit	double	

6. Stock_user

No.	Field	type	Extra
I.	<u>id</u> (Primary key)	Int (11)	Auto_increment
II.	username	Varchar(120)	-
III.	password	Varchar(120)	-
IV.	user_type	Varchar(20)	-
V.	answer	Varchar(100)	-

7. Supplier_details

No.	Field	type	Extra
I.	<u>id</u> (Primary key)	Int (11)	Auto_increment
II.	supplier_name	Varchar(200)	-
III.	supplier_contact1	Varchar(100)	-
IV.	supplier_fax	Varchar(100)	-
V.	supplier_company	Varchar(100)	-
VI.	supplier_email	Varchar(50)	-

2.0 User guide

Figure 1.0: Login Page
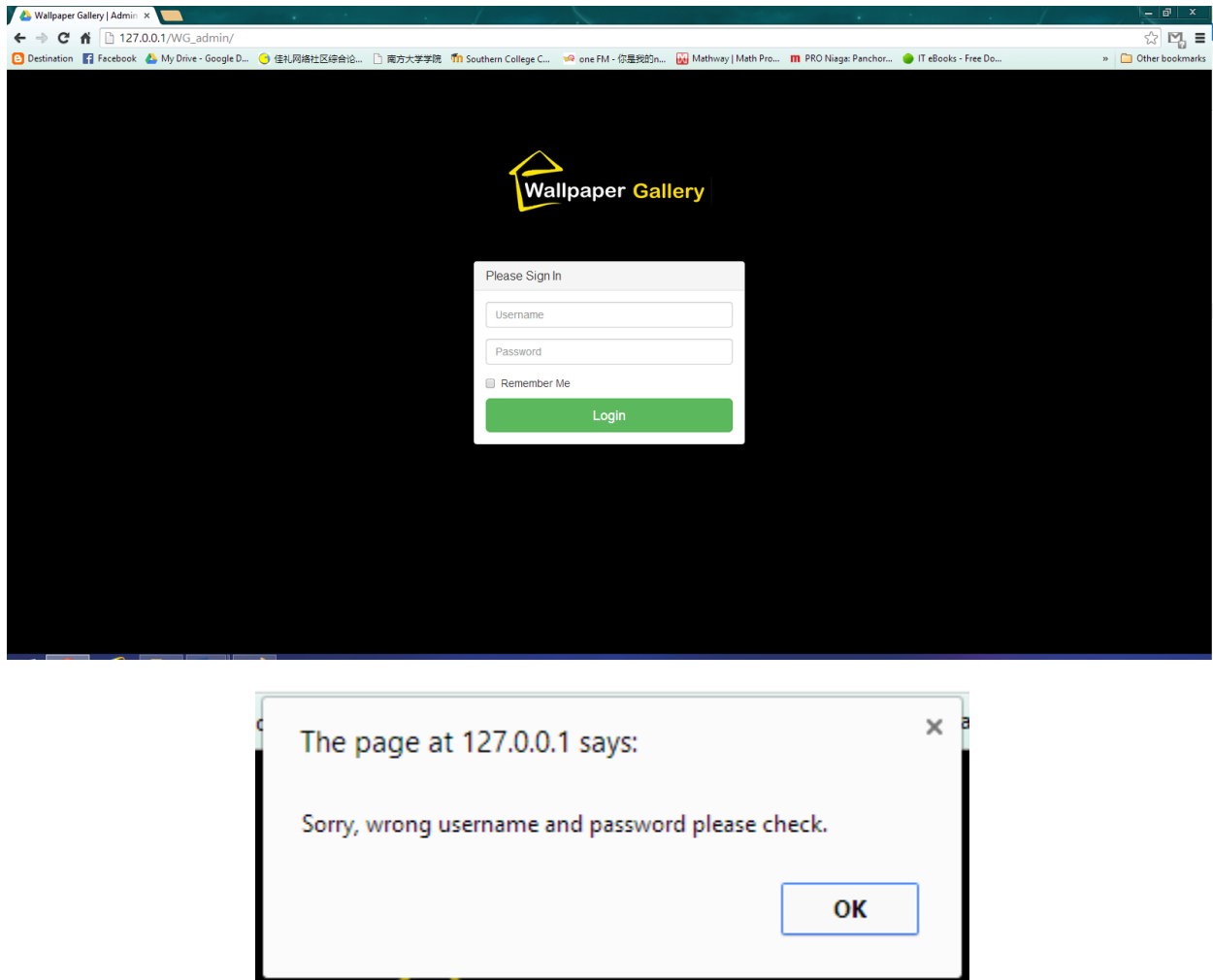
Figure 1.0 is the login page for the Inventory Management System. Without entering the correct Username and Password, they are not allow to enter to the system and it will pop out a notification on top of the box to announce wrong username and password.

Figure 1.2 Dashboard/Homepage
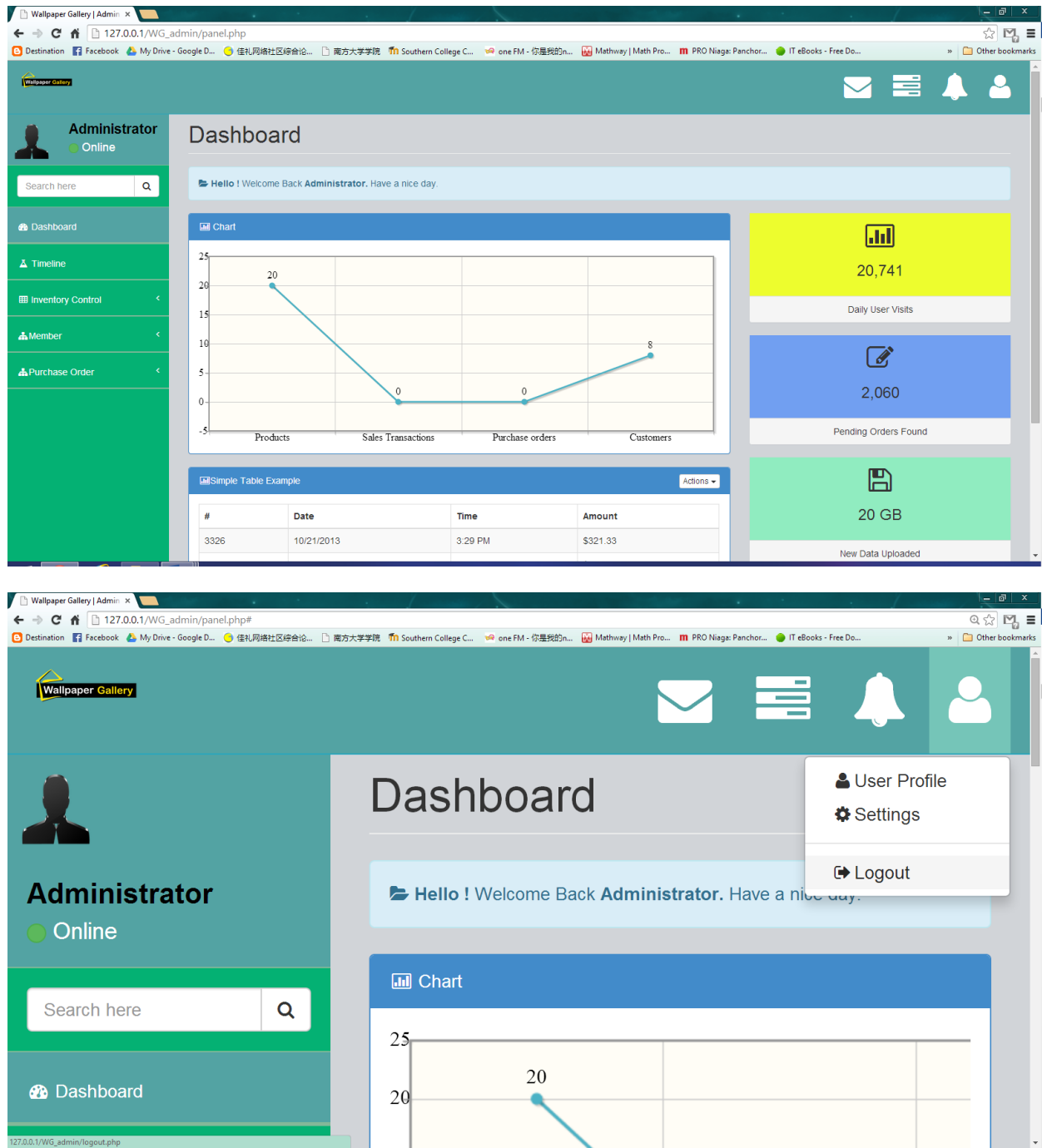
Figure 1.2 is the homepage for the Inventory Management System. The homepage provides quick links for easier access and there is a chart shows total products, sales transaction, purchase order record, and total number of member. Next, the icon on the top of the page shows user profile – administrator can edit their password within it and logout button is used for logout to the system.

Figure 1.3 View Inventory

Figure 1.3 shows all the inventory records. User can choose how many records per page they want to view. Listed below are the Demonstration:

FIANCEE 49330-2	RM 85.00	RM 140.00	RM 55	0	
FIANCEE 49407-1	RM 85.00	RM 140.00	RM 55	0	
GRACIA 82342-2	RM 200.00	RM 280.00	RM 80	5	

Showing 1 to 20 of 20 entries   Previous 1 Next

Figure 1.4 Searching function

Search:

Inventory details

25 ▼ records per page   Search: 12

Product Name ▲	Company Price ⇅	Selling Price ⇅	Profit ⇅	Quantity ⇅	Action ⇅
ALICE 4412-1	RM 73.00	RM 140.00	RM 67	0	
FIANCEE 49123-7	RM 85.00	RM 140.00	RM 55	0	
FIANCEE 49312-1	RM 85.00	RM 140.00	RM 55	0	

Showing 1 to 3 of 3 entries (filtered from 20 total entries)   Previous 1 Next

Inventory details

25 ▼ records per page   Search: f

| Product Name ▲	Company Price ⇅	Selling Price ⇅	Profit ⇅	Quantity ⇅	Action ⇅
FIANCEE 49123-7	RM 85.00	RM 140.00	RM 55	0	
FIANCEE 49256-3	RM 85.00	RM 140.00	RM 55	10	
FIANCEE 49312-1	RM 85.00	RM 140.00	RM 55	0	
FIANCEE 49325-1	RM 85.00	RM 140.00	RM 55	0	
FIANCEE 49330-2	RM 85.00	RM 140.00	RM 55	0	
FIANCEE 49407-1	RM 85.00	RM 140.00	RM 55	0	

Showing 1 to 6 of 6 entries (filtered from 20 total entries)   Previous 1 Next

Figure 1.4 shows how the searching function work. By using the search function, user is more easily to get the result. In the search function, user can typing in the function either alphabet or number, both type will return valid result. At the bottom of the page, it will display "showing 1 to 3 of 3 entries (filtered from 20 total entries)" with this display, user can know well about the result. And, to achieve our objective that is *to increase staff's working speed and efficiency*.

Figure 1.5 New Inventory

This section is shows about create new inventory record. Users is required to fill in all the details before it submit. And, the supplier and category is retrieved from database.

Figure 1.6 View Inventory details

Figure 1.6 shows the inventory details.

Figure 1.7 Insert/View/Edit Category

Insert new inventory category

New Inventory Category

Inventory Category details

Category Name:

Eg. FIANCEE 49407-1

Category Description:

Submit Button | Reset Button

View category details

Inventory Category details

10 ▼ records per page   Search:

Category Name ▲	Description ⇕	Action ⇕
ALICE	ALICE	✓ ✕
ART DECO	ART DECO	✓ ✕
ART NOUVEAU	ART NOUVEAU	✓ ✕
CASA	CASA	✓ ✕
FIANCEE	FIANCEE	✓ ✕
GRACIA	GRACIA	✓ ✕
SOHO	SOHO	✓ ✕

Showing 1 to 7 of 7 entries   Previous 1 Next

Edit category details

Inventory category details
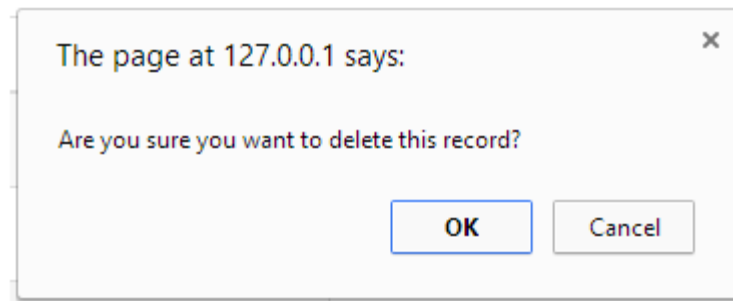
Category Name:

ALICE

Category details:

ALICE

Submit Button | Reset Button

Delete record

When user click on delete button, it will pop out a confirm box to check the are the user want to delete the record.

Figure 1.8 Member Area

Figure 1.8 shows create new member form. There are six field and 5 of them is required to fill in the data if one of them didn't fill in it will pop out an alert box to focus user to fill in. If they are register under a company, they need to provide the company name, if they are register with personal, they left it blank and the system will automatically insert with "-".

Figure 1.9 View member records

This page shows all the member record.

Figure 2.0 Edit member details

This page shows about edit member details.

Figure 2.1 Create Purchase order

Figure 2.1 shows the create purchase order. The page is showing all the supplier details, the user can create PO based on the supplier.

Purchase Order details

Supplier details

		PO details	
Name:	Solvia Lai Chu Yan	**PO No:**	P00002
Company:	MK Plastic Sdn. Bhd.	**Date:**	08/07/2014 02:00:15
Company Fax No:	074312977		
Contact No:	0146130465		
E-mail:	solvialai@gmail.com		

Item	Quantity	Unit Price (RM)	Total (RM)
		Total Purchase:	

Save (Control + S) Reset

Item	Quantity	Unit Price (RM)	Total (RM)
f			
FIANCEE 49123-7			
FIANCEE 49256-3			
FIANCEE 49312-1			
FIANCEE 49325-1			
FIANCEE 49330-2		Total Purchase:	

Purchase Order

Purchase Order details

Supplier details

		PO details	
Name:	Solvia Lai Chu Yan	**PO No:**	P00002
Company:	MK Plastic Sdn. Bhd.	**Date:**	08/07/2014 02:00:15
Company Fax No:	074312977		
Contact No:	0146130465		
E-mail:	solvialai@gmail.com		

Item	Quantity	Unit Price (RM)	Total (RM)
FIANCEE 49256-3	20	85.00	1700
ALICE 4423-2	20	73.00	1460
			0
			0
			0
		Total Purchase:	3160

Save (Control + S) Reset

The figure above shows the create purchase order process. First step, user need to choose a supplier, after that it will move to next page to fill in all purchase record. In the item column, user is required to type the first character and system will search from the database which relevant with the character. Second, after choose the item it will automatically get the unit price of the item. Further, user need to enter the quality to purchase the product. In the end, it will sum up all the subtotal and provide a total purchase at the bottom of the form.
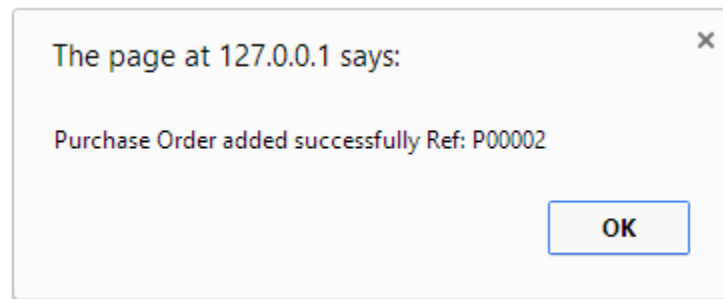
When the purchase order is added successfully, the system will pop out an alert box to alert user the PO is created successfully.

Figure 2.2 Delivery Order

Figure 2.2 shows the delivery order record. When the status is completed, the column of delivery order is disable since it is completed. However, if the status is awaiting delivery, user are able to create delivery order.

This figure is show all the purchase record. User need to enter the quantity reached and make sure it is don't have any problem.

Since we have received all FIANCEE 49256-3 item from last DO, but there is still remain one of the item so the status is still maintain with awaiting delivery. After the stock has arrived, we have to create DO once again. At this figure, we can see is the first item is successful delivery and it will show complete delivered. However, another item is still remain and available to fill in the quality reached.
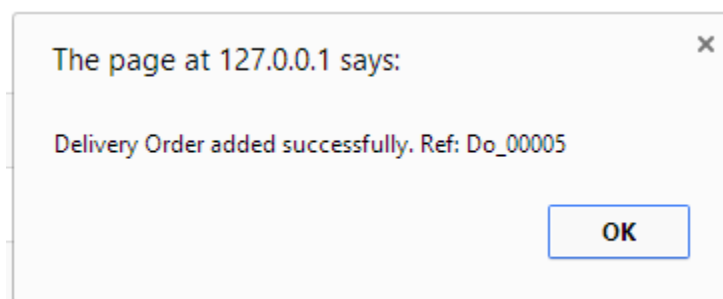
Once the process is completed, it will show up an alert box "*Delivery Order added successfully. Ref: Do_00005.*" And, the quantity of the stock will increased.