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BTIS 3023
PRACTICAL PROJECT 1

Stage 3

Topic:
Inventory Management System

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Table of Contents

1.0	System Catalog.....	3
2.0	User guide	5
	Figure 1.0: Login Page	5
	Figure 1.2 Dashboard/Homepage.....	6
	Figure 1.3 View Inventory	7
	Figure 1.4 Searching function	8
	Figure 1.5 New Inventory	9
	Figure 1.6 View Inventory details	9
	Figure 1.7 Insert/View/Edit Category	10
	Figure 1.8 Member Area.....	11
	Figure 1.9 View member records.....	12
	Figure 2.0 Edit member details	12
	Figure 2.1 Create Purchase order	13
	Figure 2.2 Delivery Order.....	15

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.	<u>PODetailId</u> (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.	<u>id</u> (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

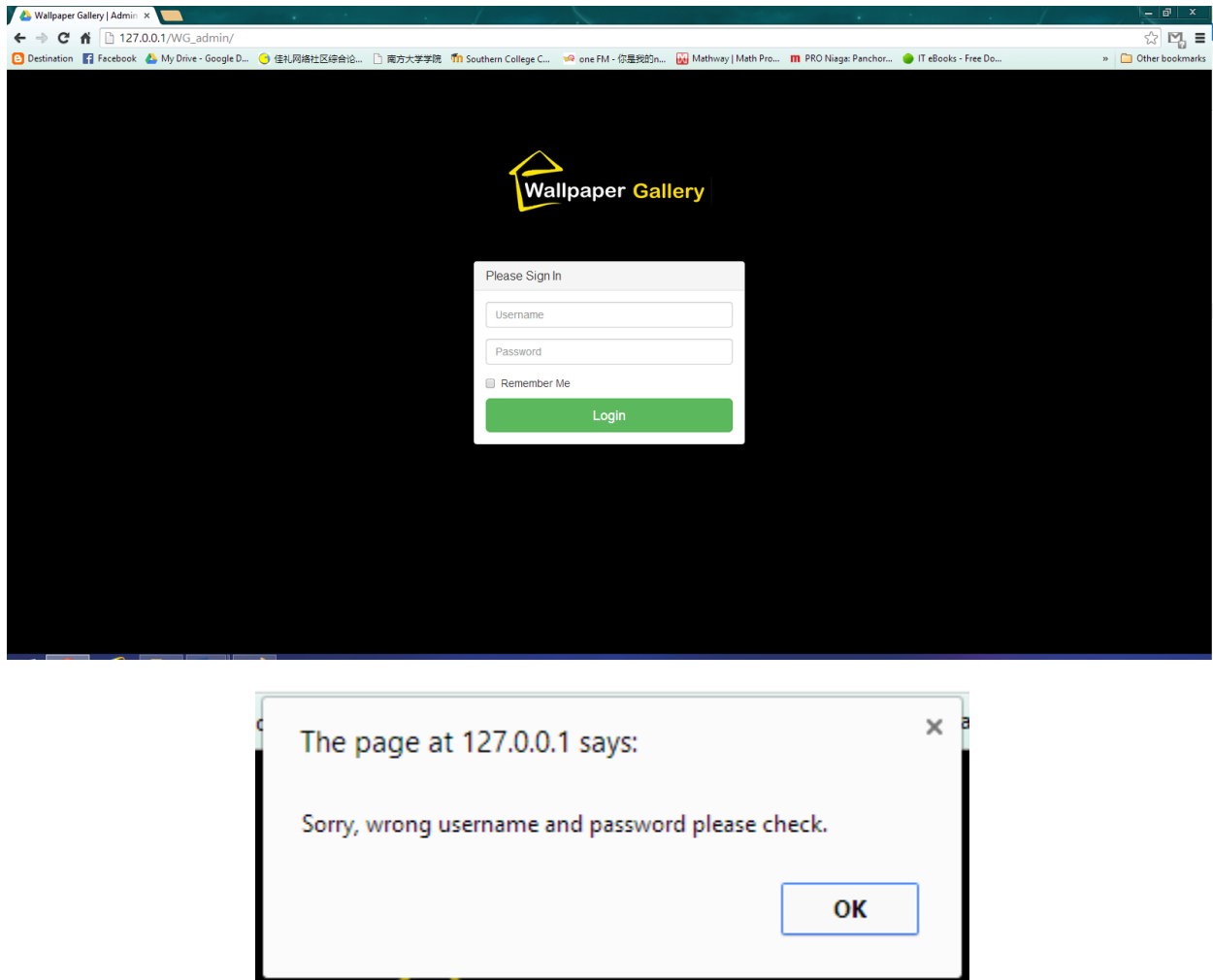


Figure 1.0 is the login page for the Inventory Management System. Without entering the correct Username and Password, they are not allow to enter to the system and it will pop out a notification on top of the box to announce wrong username and password.

Figure 1.2 Dashboard/Homepage

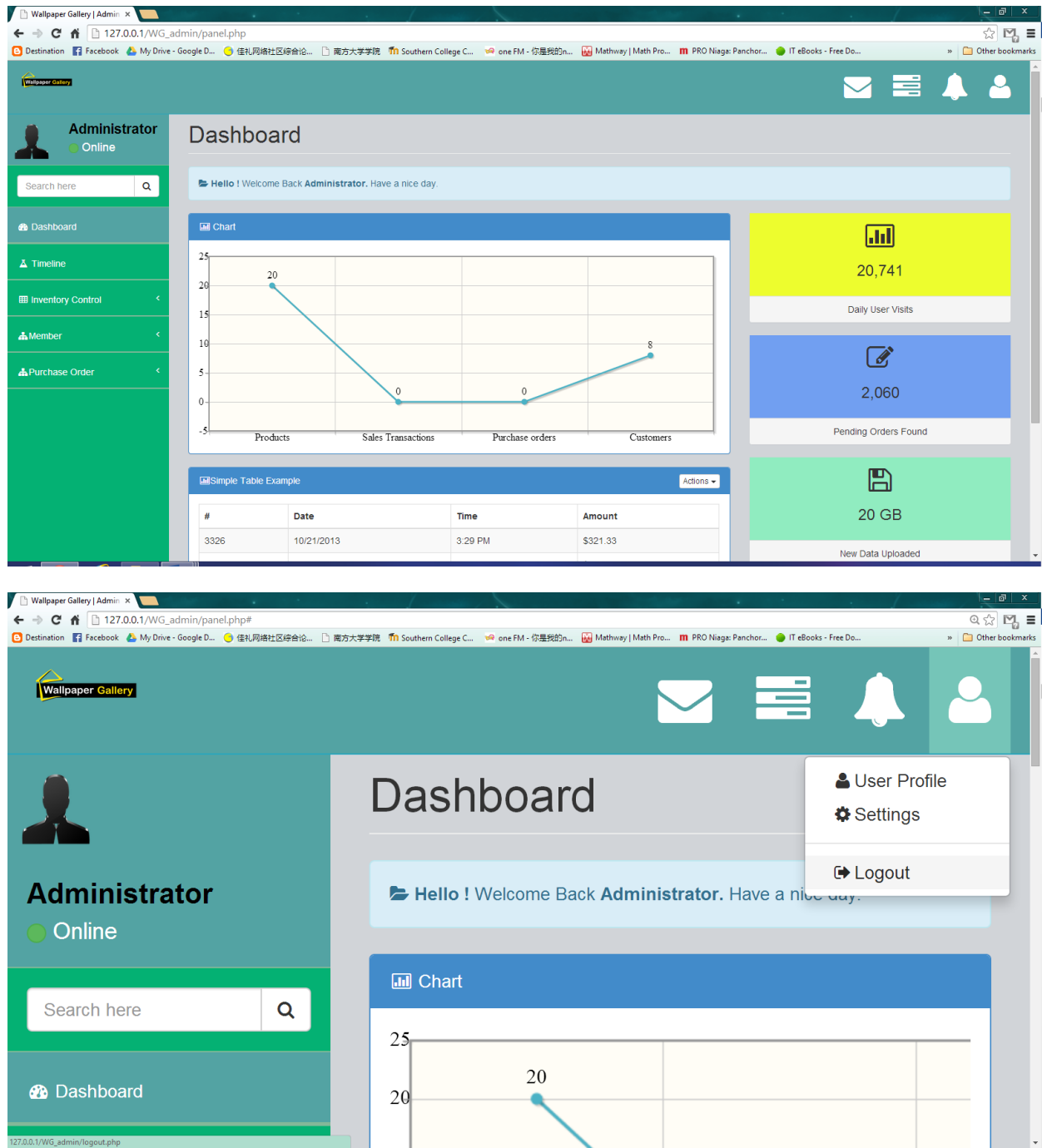


Figure 1.2 is the homepage for the Inventory Management System. The homepage provides quick links for easier access and there is a chart shows total products, sales transaction, purchase order record, and total number of member. Next, the icon on the top of the page shows user profile – administrator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

Figure 1.3 View Inventory

Inventory details

10 records per page

Search:

Product Name	Company Price	Selling Price	Profit	Quantity	Action
ALICE 4412-1	RM 73.00	RM 140.00	RM 67	0	
ALICE 4423-2	RM 73.00	RM 140.00	RM 67	0	
ALICE 4444-1	RM 73.00	RM 140.00	RM 67	20	
ALICE 4444-2	RM 75.00	RM 140.00	RM 65	0	
ALICE 4454-1	RM 73.00	RM 140.00	RM 67	0	
ALICE 4472-1	RM 73.00	RM 140.00	RM 67	0	
ALICE 4476-1	RM 73.00	RM 140.00	RM 67	0	
ALICE 4480-1	RM 73.00	RM 140.00	RM 67	10	
ALICE 4498-2	RM 73.00	RM 140.00	RM 67	0	
ART NOUVEAU 9301-1	RM 188.00	RM 280.00	RM 92	0	

Showing 1 to 10 of 20 entries







Previous 1 2 Next

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:

25 records per page

Search:

Product Name	Company Price	Selling Price	Profit	Quantity	Action
ALICE 4412-1	RM 73.00	RM 140.00	RM 67	0	
ALICE 4423-2	RM 73.00	RM 140.00	RM 67	0	
ALICE 4444-1	RM 73.00	RM 140.00	RM 67	20	
ALICE 4444-2	RM 75.00	RM 140.00	RM 65	0	
ALICE 4454-1	RM 73.00	RM 140.00	RM 67	0	
ALICE 4472-1	RM 73.00	RM 140.00	RM 67	0	
ALICE 4476-1	RM 73.00	RM 140.00	RM 67	0	
ALICE 4480-1	RM 73.00	RM 140.00	RM 67	10	
ALICE 4498-2	RM 73.00	RM 140.00	RM 67	0	
ART NOUVEAU 9301-1	RM 188.00	RM 280.00	RM 92	0	
ART NOUVEAU 9301-2	RM 188.00	RM 280.00	RM 92	0	
ART NOUVEAU 9301-3	RM 200.00	RM 280.00	RM 80	0	
ART NOUVEAU 9303-2	RM 200.00	RM 280.00	RM 80	0	
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 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

Wallpaper Gallery | Admin x Bing Translator x Facebook x

127.0.0.1/WG_admin/inventory/addstock.php

Destination Facebook My Drive - Google D... 佳礼网络社区综合论... 南方大学学院 Southern College C... one FM - 你是我的... Mathway | Math Pro... PRO Niage: Panchor... IT eBooks - Free Do... Other bookmarks

Wallpaper Gallery

Administrator Online

Search here

Dashboard

Timeline

Inventory Control

View Inventory

New Inventory

View Inventory Category

New Inventory Category

Member

Purchase Order

New Inventory

Inventory details

Inventory Name:
Eg. FIANCEE 49407-1

Cost: (RM)
5.00

Selling Price: (RM)
6.20

Supplier:
-Click to Select-

Category:
-Click to Select-

Submit Button Reset Button

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

Inventory details	
ALICE 4444-1	
Stock Name:	ALICE 4444-1
Category:	ALICE
Supplier:	William Tan Kok Wee
Company Price:	RM 73.00
Selling Price:	RM 140.00
Key in Date:	2014-07-08 00:22:28

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	<div><div></div><div></div></div>
ART DECO	ART DECO	<div><div></div><div></div></div>
ART NOUVEAU	ART NOUVEAU	<div><div></div><div></div></div>
CASA	CASA	<div><div></div><div></div></div>
FIANCEE	FIANCEE	<div><div></div><div></div></div>
GRACIA	GRACIA	<div><div></div><div></div></div>
SOHO	SOHO	<div><div></div><div></div></div>

Showing 1 to 7 of 7 entries

Previous

1

Next

Edit category details

Inventory category details

Category Name:

ALICE

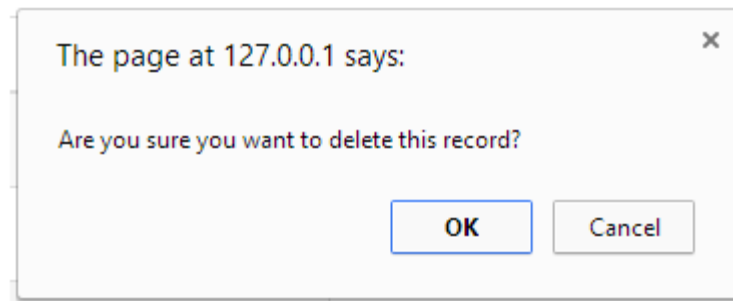
Category details:

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

Member Area						
Member details						
10 records per page				Search:		
Full Name	IC	Company	Contact No	E-mail	Action	
Alan Lee Quan Chao	920703015569	HP mini market	0177552355	alanchaos92@gmail.com		
JOE LEE WEI LIM	631125015223	-	0185523302	joe_3302@gmail.com		
JOHN LAI WEE MING	941231015669	Black Ball Batu Pahat Branch	0127248852	john_9222@gmail.com		
LAU NGIE SHENG	910207039521	-	0163332205	nstar6077@hotmail.com		
LEE YONG YI	910418015361	-	0127561802	yylee_3705@hotmail.com		
LIM JING XIANG	921123015269	-	0167707342	jxlim_22@hotmail.com		
NG HUI RU	931005015588	RiverBank Cafe	0168885555	huiru1005@gmail.com		
Yong Jian Keong	920817015117	Otakotak testing	0188885210	yongjk0817@gmail.com		
Showing 1 to 8 of 8 entries					Previous	1 Next

This page shows all the member record.

Figure 2.0 Edit member details

Member details	
Company: (If any)	
<input type="text" value="-"/>	
Full Name:	
<input type="text" value="JOE LEE WEI LIM"/>	
IC:	
<input type="text" value="631125015223"/>	
Address:	
<input type="text" value="99, Jln Maju, Taman 99, 83000 Batu Pahat, Johor."/>	
Contact no:	
<input type="text" value="0185523302"/>	
E-mail:	
<input type="text" value="joe_3302@gmail.com"/>	
<input type="button" value="Submit Button"/>	<input type="button" value="Reset Button"/>

This page shows about edit member details.

Figure 2.1 Create Purchase order

Purchase Order					
Company details					
10 records per page				Search:	
Company	Person in Charge	Mobile Phone No	Email address	Action	
C&Q Sdn. Bhd	Alex Tan	0185001200	alex_tan12@gmail.com	Create PO	
MK Plastic Sdn. Bhd.	Solvialai Lai Chu Yan	0146130465	solvialai@gmail.com	Create PO	
Silverstone Sdn. Bhd.	William Tan Kok Wee	0125523388	william_84@yahoo.com	Create PO	
Siong Motor sdn. bhd	Kerk Chin Chong	0199993555	CCK_3555@gmail.com	Create PO	
TianFeng Sdn. Bhd	Sean Teo Meng Wee	0189992233	meng_wee33@yahoo.com	Create PO	
Showing 1 to 5 of 5 entries				Previous 1 Next	

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.

The screenshot shows a web application interface for creating purchase orders. The sidebar on the left contains navigation links: Dashboard, Timeline, Inventory Control, Member, and Purchase Order. The main content area is titled 'Purchase Order' and displays a table of supplier details. The table has columns for Company, Person in Charge, Mobile Phone No, Email address, and Action. Each row has a 'Create PO' button. The table shows 5 entries, and the page is on page 1 of 1.

Company	Person in Charge	Mobile Phone No	Email address	Action
C&Q Sdn. Bhd	Alex Tan	0185001200	alex_tan12@gmail.com	Create PO
MK Plastic Sdn. Bhd.	Solvialai Lai Chu Yan	0146130465	solvialai@gmail.com	Create PO
Silverstone Sdn. Bhd.	William Tan Kok Wee	0125523388	william_84@yahoo.com	Create PO
Siong Motor sdn. bhd	Kerk Chin Chong	0199993555	CCK_3555@gmail.com	Create PO
TianFeng Sdn. Bhd	Sean Teo Meng Wee	0189992233	meng_wee33@yahoo.com	Create PO

Purchase Order details

Supplier details

Name: Solvia Lai Chu Yan
Company: MK Plastic Sdn. Bhd.
Company Fax No: 074312977
Contact No: 0146130465
E-mail: solviaiai@gmail.com

PO details

PO No: P00002
Date: 08/07/2014 02:00:15

Item	Quantity	Unit Price (RM)	Total (RM)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Total Purchase:			<input type="text"/>

(Control + S)

Item	Quantity	Unit Price (RM)	Total (RM)
f	<input type="text"/>	<input type="text"/>	<input type="text"/>
FIANCEE 49123-7	<input type="text"/>	<input type="text"/>	<input type="text"/>
FIANCEE 49256-3	<input type="text"/>	<input type="text"/>	<input type="text"/>
FIANCEE 49312-1	<input type="text"/>	<input type="text"/>	<input type="text"/>
FIANCEE 49325-1	<input type="text"/>	<input type="text"/>	<input type="text"/>
FIANCEE 49330-2	<input type="text"/>	<input type="text"/>	<input type="text"/>
Total Purchase:			<input type="text"/>

Purchase Order

Purchase Order details

Supplier details

Name: Solvia Lai Chu Yan
Company: MK Plastic Sdn. Bhd.
Company Fax No: 074312977
Contact No: 0146130465
E-mail: solviaiai@gmail.com

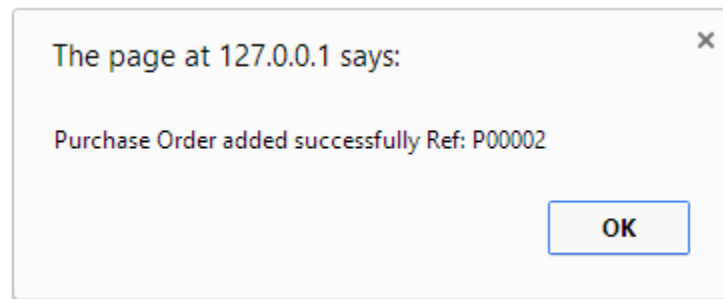
PO details

PO No: P00002
Date: 08/07/2014 02:00:15

Item	Quantity	Unit Price (RM)	Total (RM)
FIANCEE 49256-3	20	85.00	1700
ALICE 4423-2	20	73.00	1460
<input type="text"/>	<input type="text"/>	<input type="text"/>	0
<input type="text"/>	<input type="text"/>	<input type="text"/>	0
<input type="text"/>	<input type="text"/>	<input type="text"/>	0
Total Purchase:			3160

(Control + S)

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

Company details					
10 records per page		Search: <input type="text"/>			
PO No	Supplier	Total Purchase	Status	Delivery Order	
P00001	Solvla Lai Chu Yan	RM 4040	completed	-	
P00002	Solvla Lai Chu Yan	RM 3160	awaiting delivery	Create DO	

Showing 1 to 2 of 2 entries

Previous 1 Next

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.

Purchase Order details			
Supplier Information Name: Solvia Lai Chu Yan Company: MK Plastic Sdn. Bhd. Company Fax No: 074312977 Contact No: 0146130465 E-mail: solvialai@gmail.com		Delivery Order Information Delivery Order No: Do_00004 Invoice No: INV_00004 Purchase Order No: P00002 PO Date: 2014-07-08 02:25:37	
No	Stock Name:	Total Quantity:	Quantity Reached:
1	FIANCEE 49256-3	20	<input type="text" value="20"/> (0 - 20)
2	ALICE 4423-2	20	<input type="text" value="0"/> (0 - 20)

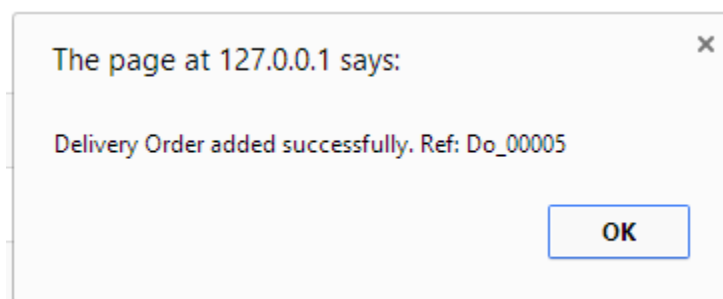
(Control + S)

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.

Purchase Order details			
Supplier Information Name: Solvia Lai Chu Yan Company: MK Plastic Sdn. Bhd. Company Fax No: 074312977 Contact No: 0146130465 E-mail: solvialai@gmail.com		Delivery Order Information Delivery Order No: Do_00005 Invoice No: INV_00005 Purchase Order No: P00002 PO Date: 2014-07-08 02:25:37	
No	Stock Name:	Total Quantity:	Quantity Reached:
1	FIANCEE 49256-3	20	Complete Delivered
2	ALICE 4423-2	20	<input type="text" value="20"/> (0 - 20)

(Control + S)

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.