



UTM
UNIVERSITI TEKNOLOGI MALAYSIA



INDUSTRIAL TRAINING PRESENTATION AT XEERSOFT JB

Zereen Teo Huey Huey A20EC0173

Supervisors :

- Mr Hoe Leng Wee
- Dr Marina Binti Md Arshad

ABOUT COMPANY



international
software
solutions and
services provider

develop and
provide industry
best practice
online business
application

delivers end-to-end
IT solutions and
implement long-
term partnership
business model



SERVICES

PROVIDED



ACCOUNTING

Support business for multiple location and integrate with web-based POS system



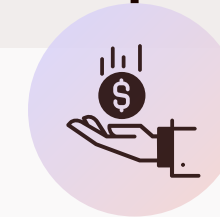
INVENTORY

online system to manage stocks, sales and transactional reports



LOYALTY MEMBERSHIP

providing membership solutions and manage rewards and vouchers security



HR & PAYROLL

web-based system with photo capturing feature to avoid fraud of logging in

TASK DONE



New Requirement : 9



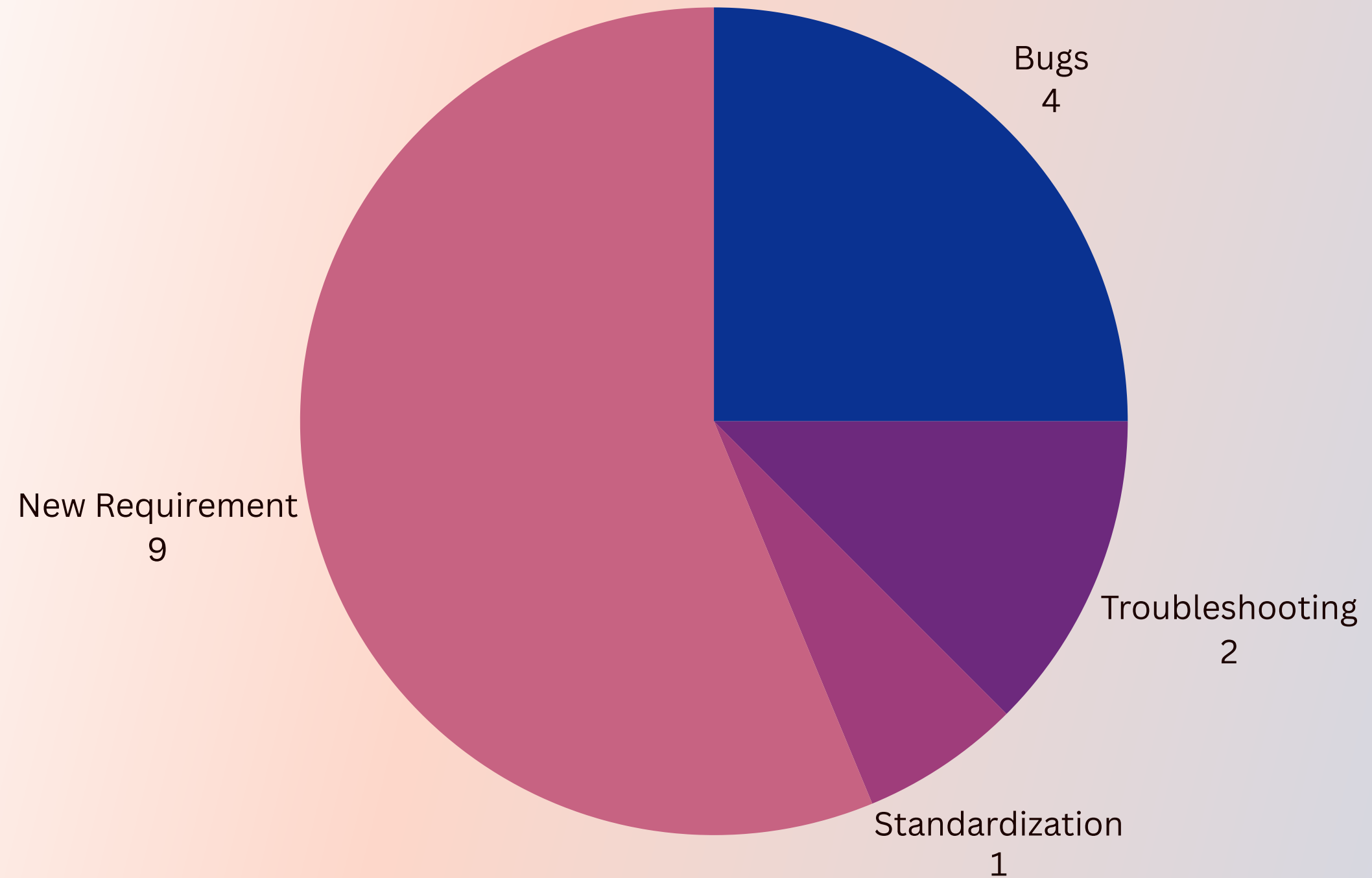
Bugs : 4



Troubleshooting : 2



Standardization : 1



New Requirement

1 Customize Advance Data Exchange

“create customize data exchange for Clarks to insert the other attribute to Xeersoft product master”

- Prepare an excel template file
- Create new SQL File for the system to process the input data
- Add on the PHP file for some checking process

Things to do

System Design

Clarks - create customize data exchange (#50346)

Background

path: middleware ->Transaction Entry ->Advance data exchange
 Clarks will have membership API with 3rd party, Antsomi. Antsomi focuses on the CDP, customer data platform which will gather all data source from POS (e-commerce, and other business sources), then use all this data to do analysis report in order to help/ improve clarks performance.
 In this tt, need to create customize data exchange for Clarks to insert the other attribute to Xeersoft product master.

- 1. Need create customize data exchange excel for clarks insert update product with 12 digit SKU
- create new excel for customize data exchange logic same with xid_defno= 203
- create new excel template with the column needs (may refer attachment)
- The sorting also need to rearrange based on client need, may refer to the attachment
- column name need same to clarks provided name.

System Flow / Solution

Path • Middleware ->Transaction Entry ->Advance data exchange

- File:
 - SQL file: 212_Clarks_insert_update_product.sql
 - Excel file: 212_Clarks_insert_update_product.xls
 - Php file
 - 212_product_master_format_checking.php
 - inv_reset_sourcemarkmst_Clarks.php

Create new excel for customize data exchange logic same with xid_defno= 203 • xid_defno=212

Create new excel template with the column needs • 212_Clarks_insert_update_product.xls

- Compulsory field: ArticleID, Category2 and ArticleName
- Some columns will be auto create into their specific master which show in the diagram
- The "Backend Table name" shows that the data will be save to what corresponding columns for the product master database

The sorting will rearrange based on the client need

The column name must same to clarks provided name

Solution: • Import Definition in advance data exchange will changed to "Clarks 12 digit SKU Insert Update Product"

The clients can insert and update the product through the advance data exchange

Active flag and product register date for the product will be auto fill in

prdt_active will be set as default with the value of 1(active)

	prdt_sys_add_date	prdt_sys_last_mod_date
	0000-00-00 00:00:00	2023-06-12 14:03:51
	0000-00-00 00:00:00	2023-06-12 14:03:51
	0000-00-00 00:00:00	2023-06-12 14:03:51
	0000-00-00 00:00:00	2023-06-12 14:03:51
	0000-00-00 00:00:00	2023-06-12 14:03:51
	0000-00-00 00:00:00	2023-06-12 14:03:51

prdt_reg_date will be auto fill in when adding new product

Result

Initializing Table
Initializing Complete

Show the data input

Row	ArticleID	GenericArticleID	SeasonCode	BusinessUnitDesc	DivisionName	Collection	GenderName	Category1	Category2	Category3	ArticleName	ColourName
0	200333320213	Testing1	8	ee	r	ww	female	e	P	w	Cloth	blue

Start Checking

Checking [Delete Empty Rows]... OK!

Check data validation

Checking [Compulsory Fields]... OK!

Checking [Duplication Code Within the File]... OK!

Checking [Generic Article ID Validity - Code Not Found will be automatically created to Brand master]

Code Not Found! Auto Creation :

Row	GenericArticleID
0	Testing1

Show error or any auto creation data

Checking [Category1 Validity - Code Not Found will be automatically created to Category master]

IMPORT AND UPDATE DATA

The data will be auto import or update from the excel file uploaded

New Requirement

2

Add Reset User Serialize Page

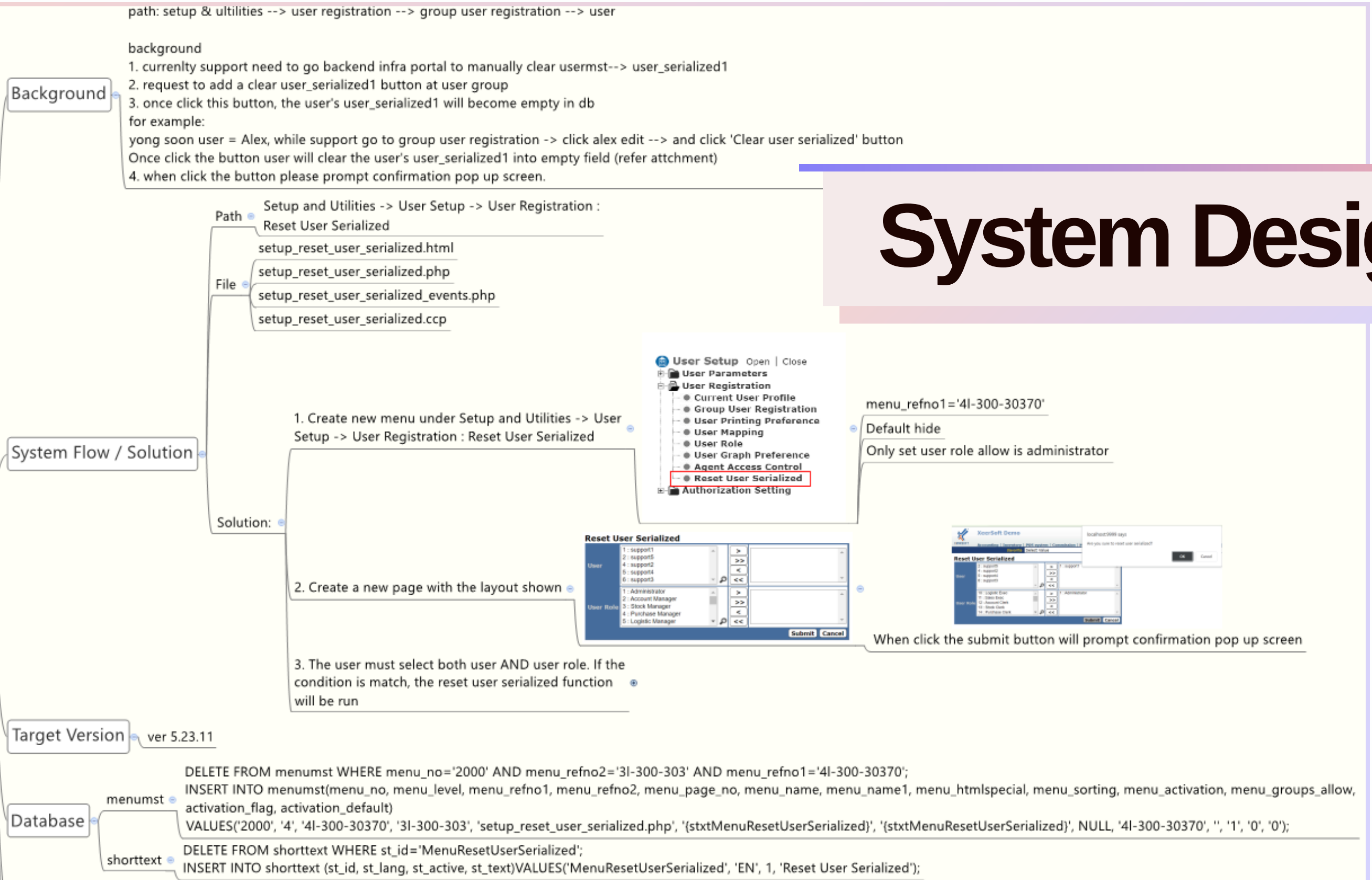
“currently support need to manually reset user serialized, so request to add new page to easier the process”

- Create new page for the reset user serialized
- Include the processing logic file
- Call the function and check on the backend database

Things to do

System Design

Yong Soon - add reset user serialise button at user group (#50546)



Result

Reset User Serialized

User	1 : support1 2 : support5 4 : support2 5 : support4 6 : support3	> >> < <<	
User Role	1 : Administrator 2 : Account Manager 3 : Stock Manager 4 : Purchase Manager 5 : Logistic Manager	> >> < <<	

Submit Cancel

localhost:9999 says
Please select the user and user role

OK

If both conditions are unselected

USER_SERIALIZED1 COLUMN WILL BEING CLEAR

localhost:9999 says
Successful reset the user serialized for support4, support2, support5

OK

If data found

localhost:9999 says
Cannot find the user with the user role selected

OK

If data cannot found

New Requirement

3

Accounting Master Layout Revamp

“Do new layout for the Deduction Type, Agent, Area Group, Area, and Business Nature using the ccs layout”

- Copy html file for the new layout
- Edit on the html file to match to the style
- Do checking on the layout to ensure all positions are correct

Things to do

Deduction Type Listing Page

Original File: master_deducttype_listing.html

Bootstrap: master_deducttype_listing_bootstrap.html

* No active for the deduction type

Search Deduction Type			
Column 1	Column 2	Column 3	Column 4
Deduction Type Code	Deduction Type Name	Record(s) In Row	Result In Excel

List of Deduction Type			
Column 1	Column 2	Column 3	Column 4
Deduction Type No.	Deduction Type Code	Deduction Type Name	

Agent Listing Page

Original File: master_agentmst_listing.html

Bootstrap: master_agentmst_listing_bootstrap.html

* Add active in search

Search Agent			
Column 1	Column 2	Column 3	Column 4
Code	Name1	Active	Record(s) In Row
Result In Excel			

List of Agent				
Column 1	Column 2	Column 3	Column 4	Column 5
Code	Name1	Active	Sorting	Add User

System Design

Deduction Type Maint Page

Original File: master_deducttype_maint.html

Bootstrap: master_deducttype_maint_bootstrap.html

General Tab			
Column 1	Column 2	Column 3	Column 4
Basic Info			
Deduction Type Code	Deduction Type Name	Deduction Type Sorting	

Agent Maint Page

Original File: master_agentmst_maint.html

Bootstrap: master_agentmst_maint_bootstrap.html

General Tab			
Column 1	Column 2	Column 3	Column 4
Basic Info			
Agent Code	Agent Name1	Agent Name2	Agent Ref
Agent Address1	Agent Address2	Agent Address3	Agent Address4
Agent Contact	Agent Tel	Agent Fax	Agent Email
Agent Login	Agent Password		
Agent Tour Code Compulsary	Agent Tour Leader Compulsory	Agent Tour Driver Compulsory	
Agent Sorting	Agent Active		

Search Agent

Code Name1 Active Record(s) In Row

Results In Excel

List of Agent

Add New <input type="button" value="1 of 1"/> Import Data					
Code	Name1	Name2	Active	Sorting	Add User
mdm_wong	wong mei mei		<input type="checkbox"/>		
Add New <input type="button" value="1 of 1"/> Import Data					

Listing Page

Result

Add/Edit Agent

[General] [User Definition]

Basic Info

Agent Code * Agent Name1 * Agent Name2 Agent Ref

Agent Address1 Agent Address2 Agent Address3 Agent Address4

Agent Contact Agent Tel Agent Fax Agent Email

Agent Sorting Agent Active

[General] [User Definition]

Maintainance Page

Other Task

A/P Ledger (Load Format)

Transaction Date From By Month

To

Creditor Selection By Code By Name

Creditor From

To

Filter By Creditor Control A/C

Sort By Creditor Code Creditor Name

Group by Creditor

Use Accounting Date

```
<input autocomplete="off" id="ByMonth" class="BlueNoteInput" tabindex="-2" onkeypress="blockdatechar(this,event)" onchange="changeFromDate(this,'from_date','to_date')" value maxlength="7" size="7" name saveselection="no"> == $0
```

Add 'saveselection= "no"' to the Bymonth & arrow button for all accounting report file to avoid the auto save to the report format

Change the 'autosort = true' to false to avoid the result sort by the alphabet since the 'Total matched' need to be always at top

Selection

Date From By Month

Date To

Delivery Date From By Month

Delivery Date To

Group Code	001A : Service Group (Rental) Total 1 matched	> >> < <<	
Product Code	0020000141 : OYSTER MUSHROOM 鲍鱼菇 (20 CS0020000141 : CS GREY MUSHROOM 鲍鱼菇 Total 2 matched	> >> < <<	
Store	BHU : Bahau (outlet) Total 1 matched	> >> < <<	

Other Task

Date: 08/12/2023 Xeersoft Trading - Q

Collection Report by Customer from 01

Receipt Salesman	Invoice Salesman	Customer Name	Invoice Date	Invoice No	In Ar
CURRENCY : RM - MALAYSIA RINGGIT					
Customer : YXD001 - YX-Mick					
Anne Hathaway	Anne Hathaway	YX-Mick	2023-12-08	YXINV2312080002	1
Customer : YXD005 - YX Adam Richard Wiles					
YX Demetria Deme	YX Demetria Deme	YX Adam Richard Wiles	2023-12-08	YXINV2312080001	1

Add the 'overflow: hidden' to the column style to avoid the long sentences overlap others column

Remove the function of 'runClearOld' to avoid the delete action occur for the synchronize database table

path: setup & utilities --> Custom Setting/Setup --> Cross DB Table Sync --> table: price_category

Background

1. currently GP use cross db table sync to sync product master details to GPKL
2. they just sync certain product master such as product code, name, unit, UOM etc
3. they will sync certain price such as Price A,B,C only to gpkl based on cycle
4. GP & GPKL use price category instead of normal price from general tab
5. currently found out price_category in cross db sync use insert update method
6. this cause while GP stop SYNC price A,B,C; only sync price D,E to gpkl, the previous Price A,B,C price will become 0
7. need to enhance on this

Solution:

1. Price Categories path: Inventory --> Product master --> Price Category
2. In current system logic, we will update the price category if the cross db sync is run. We delete all the data first and re-insert again
3. Enhancement: Need to remove the delete action

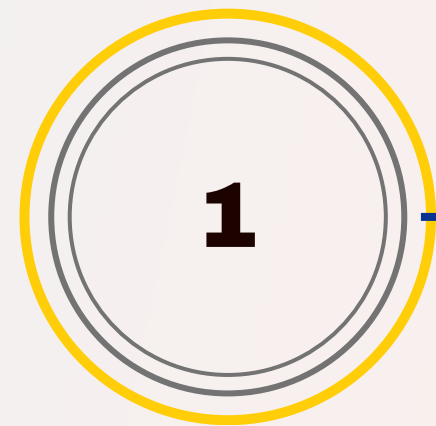
System Flow / Solution

- Path: Inventory --> Product master --> Price Category
- File: master_product_price_categorymst_list_events.php
- Solution: remove the delete action in product_price_categorymst_ds_AfterExecuteUpdate

```

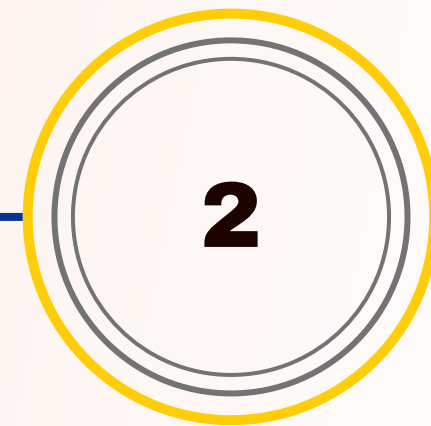
463 // run sync if have
464 $syncDbObj = new clsSyncDb($nldb,"product_price_category");
465 $syncDbObj->runClearOld(" ppc product_no = '{$key1}'");
466 $syncDbObj->run();
467 // -----
468 //End Custom Code
    
```

Skills Improvement



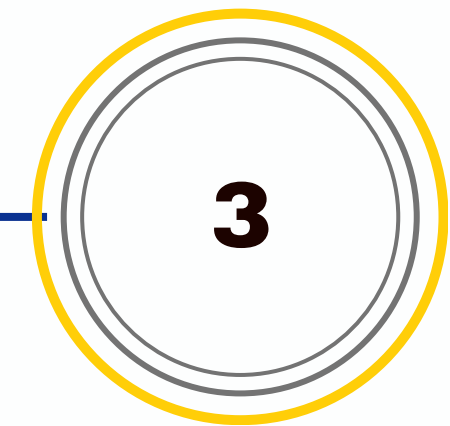
Programming

Improve in using the programming language such as SQL, JavaScript, PHP and HTML



Task management

Understanding the client's requirement and get the information to carry out the solution



Problem solving

Track the root cause for the bugs occur and get experience on the ways to find out the solution



Conclusion



UTM
UNIVERSITI TEKNOLOGI MALAYSIA



KEERSOFT
Integrated Global
Business Solution

INDUSTRIAL TRAINING PRESENTATION

THANK YOU

20232024-1