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Asia Pacific College

School of Computing and Information Technology

3 Humabon Place, Magallanes Vlg., Makati City

Inventory Management System

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# Introduction

## Project Context

Southmansfield is one of the top schools in the Philippines offering Basic and College education. It is supervised by Southville International School and Colleges, a school with international character and international accreditation from the Western Association of Schools and Colleges.

Inventory management software is a computer-based system for tracking inventory levels, orders, sales and deliveries. Companies use inventory management software to avoid product overstock and outages. It is a tool for organizing inventory data that before was generally stored in hard-copy form or in spreadsheets.

## Client Profile

South Mansfield College has recently assigned the Inventory System of their shop to be developed by Team AFKD, information technology students of Asia Pacific College. The project will focus on building a web-based inventory system which provides a simplified and more user-friendly approach for the existing and potential users. The shop administrator required the team to include an ordering which handles customer orders and reporting module to generate excel reports for the shop’s inventory system.

## Client’s Mission and Objectives

South Mansfield Inventory System will establish in Southmansfield College through a web-based platform that will mainly suffice inventory needs of SMC. The setup of the project will be using the school’s main website that has an order form to utilize the system. The project will provide automation of manual works that causes delays in transactions which will increase their productivity and the students waiting time will dramatically decrease. The school management should approve the project for the project to be deployed and function.

## Purpose and Description

The purpose of this project is to create a web-based inventory system that features:

1. Asset tracking: When a product is in the store, it can be tracked via item number.
2. Service management: This tracks the sales and purchases. This way, they can see the in and out of items.
3. Inventory optimization: A fully automated demand forecasting and inventory optimization system to attain key inventory optimization metrics such as: Reorder point, Order quantity, Lead demand, Stock cover, and others.

## Project Objectives

The target of this project is to take out heaps of manual work and mistakes that could be exorbitant for the business and alleviates the operational burden by automating and streamlining processes and also have a user friendly system that easily to manage.

## Scope and Limitation

The project focuses only on the inventory system of South Mansfield College. The main requirement needed for this project are the three modules: ordering, reporting, and inventory that would follow the business rules stated by the client. The project will try to accomplish atleast 80% of the functionalities required.

The scopes of the proposed system are sales, inventory, and reporting modules. The sales module covers the selling of items. Inventory module keeps track of the assets and purchases. Reporting module covers the summary reports on inventory, sales, and purchase.

# Review of Related Literature/System

Whether you’re tracking inventory is used to perform a service or sell to customers, using an inventory system provides staff accountability and minimizes inventory stockouts and shrinkage.

Clearly Inventory is an online inventory system that offers Low-Cost Inventory Tracking that features total control of user access, data management, data filters for easy search, and display inventory and sales reports.

TradeGecko manage all the sales, stock, accounting, shipping, and customer data from a single place. Inventory control to improve tracking and control over inventory activities and stock movements. Inventory optimization to anticipate demand and receive reorder alerts in time so people will never experience stockouts again.

Megaventory is web-based inventory, order management, CRM and reporting system for small to medium businesses with multiple locations. Add multiple users with variable permissions, track inventory levels, prepare sales and purchase orders, sales quotes, handle inbound and outbound goods and regain overall the control of the company.

Rapid Inventory, powered by Accucode, is a cloud- based inventory management system that seamlessly integrates with QuickBooks Pro, Premier, and Enterprise. Rapid Inventory will make it easy to track the inventory across multiple warehouses and locations, lot numbers, expiration dates and hold reasons. With the QuickBooks inventory management software, one will process more transactions in less time and eliminate costly errors, improving the inventory accuracy and lowering the costs.

# Technical Background

## Software Environment

1. Programming Languages

* + PHP
  + CSS
  + HTML
  + Bootstrap
  + Javascript

2. Specific Software

* + Yii2 Template
  + Sublime Text 3
  + XAMPP Control Panel

3. Web Server Application

* + PHPMyadmin

## Web-based Server System Requirements

1. Minimum Hardware Requirements
   * Processor: Dual Core CPU 2.0GHz
   * Instruction Set: 64-bit
   * RAM: 4GB
   * HDD: 250GB
2. Operating System
   * Windows 7 SP1 (32-bit/64-bit); OR
   * Microsoft Windows Server 2008 SP2 (32-bit); OR
   * Microsoft Windows Server 2012 (64-bit)
3. Database Requirements
   * XAMPP Control Panel
4. Server
   * Apache

## Notes:

* This system must be accessible by desktop computers and laptops (connected through LAN) within the campus.
* This system will utilize Apache as its Web-Based Server System.
* This system must be able to retrieve, store and view data.

# Methodology, Results and Discussion

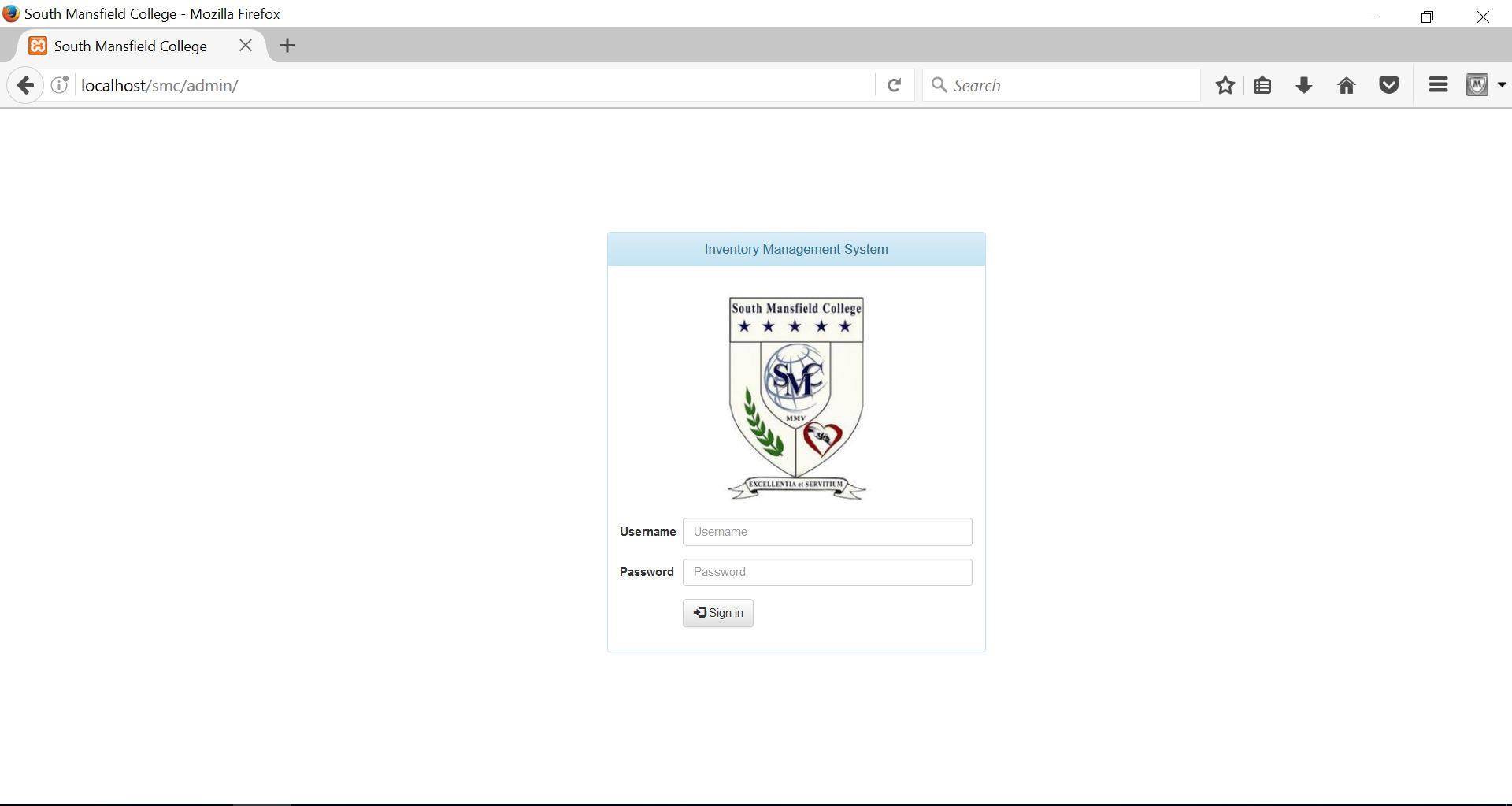
## Agile Methodology

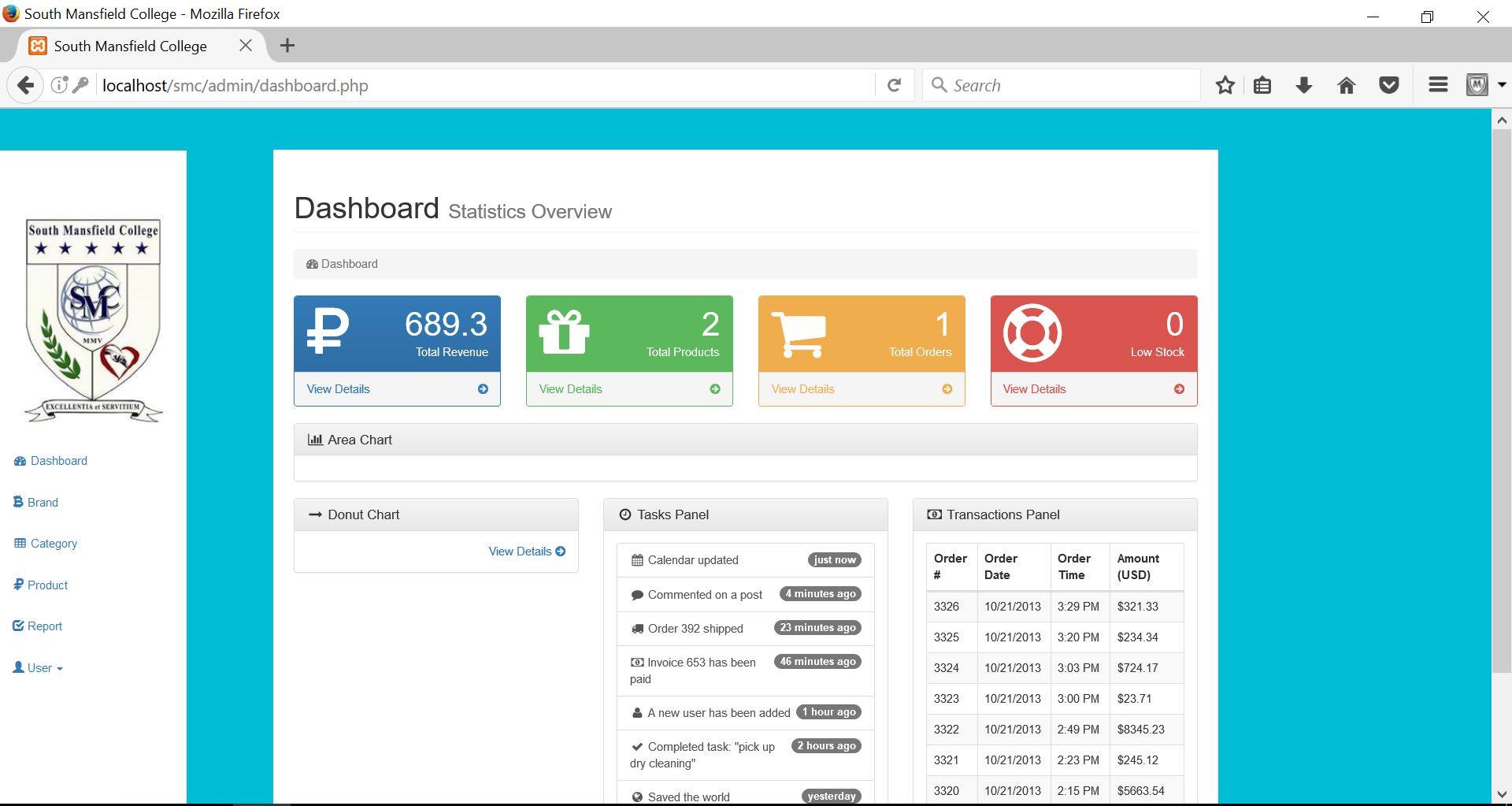
This is the methodology used in developing the Southmansfield Inventory System. The project team uses the Agile Development Methodology to assess the direction of a project throughout the development lifecycle. According to the research, the use of Agile Methodology will guarantee the quality of the system throughout the development life cycle. The project team could achieve this through regular cadences of work, known as sprints or iterations, at the end of which the project team will be able to present a potentially working system. Small incremental releases will be visible to the project team to identify any issues early and make it easier to respond to change. The clear visibility in agile development helps both client and project team to ensure that any necessary decisions can be taken at the earliest possible opportunity. The team goes through a series of iterations, analyzing, designing, developing and testing each feature in turn within the iterations. Each feature is taken from start to finish with an iteration, with the software being tested at the end of each iteration. Based on the Project Base Learning Track of the project members, there would be at least 3 iterations before the proposed system will be deployed and integrated in Southnmansfield Inventory System. Each iteration covers 3 and a half months including the Alpha and Beta Testing.

## Results and Discussion

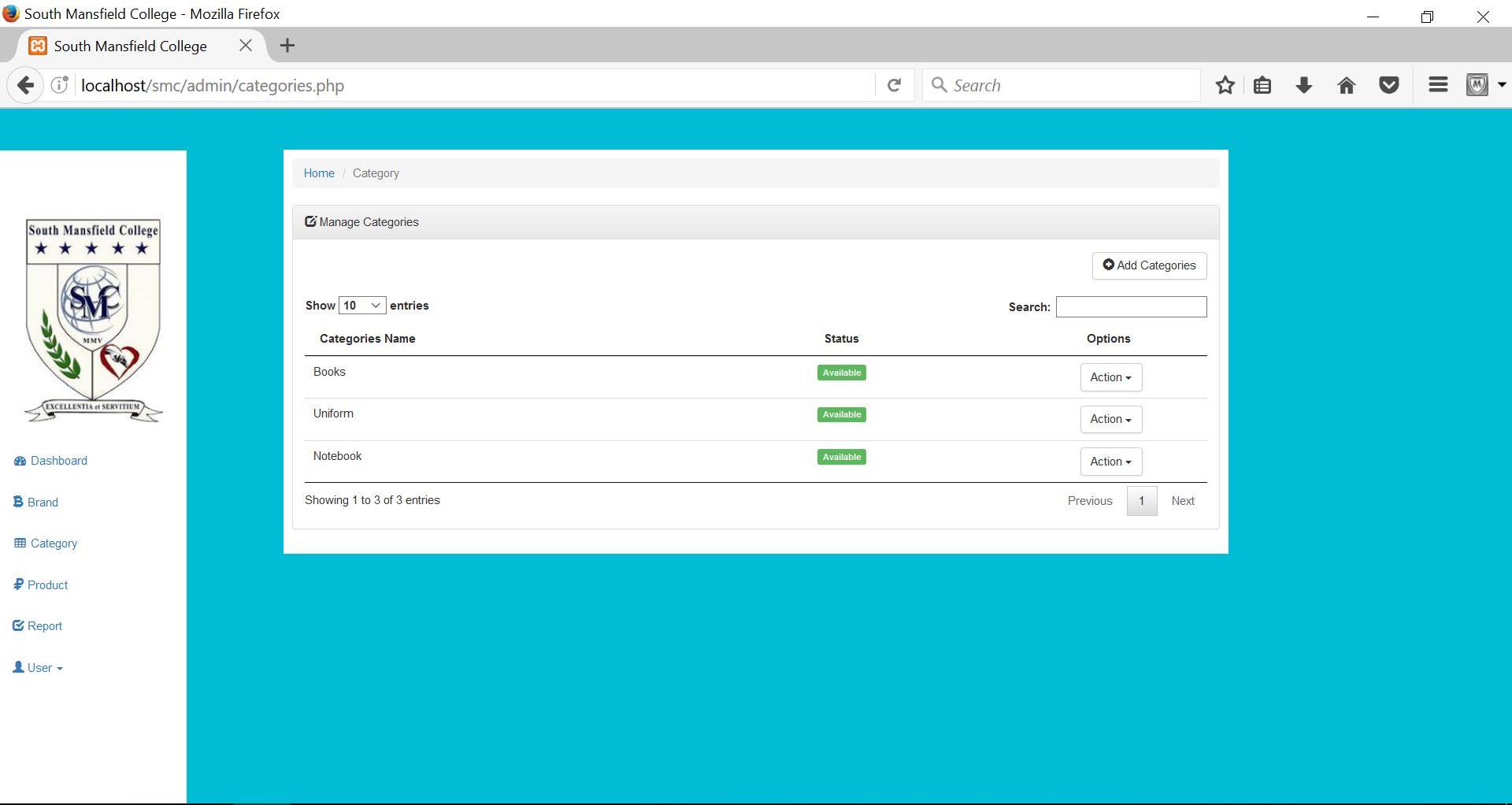
The following are screenshot of the system that would suffice the operational processes that the shop follows.

Login page

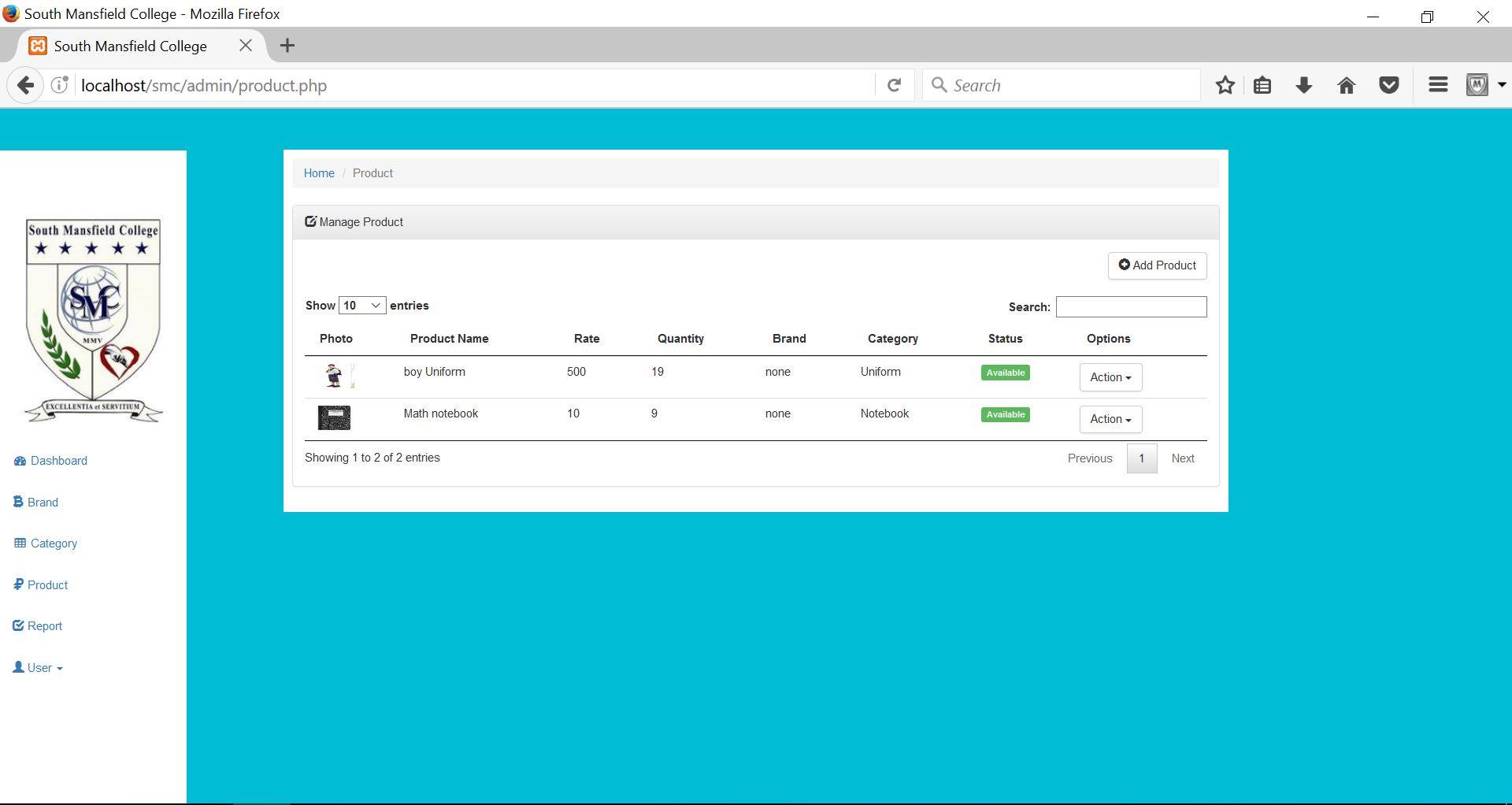
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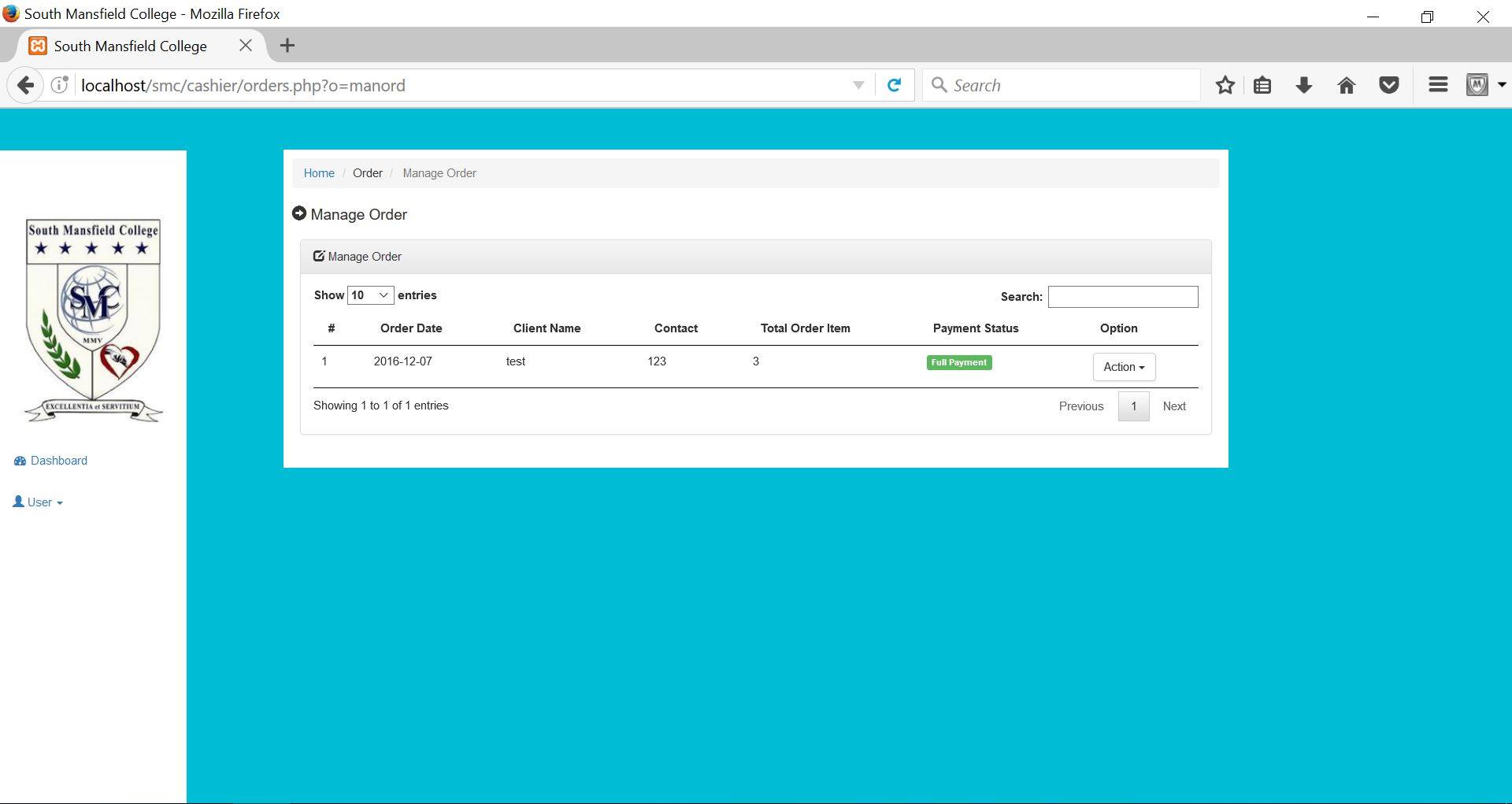
Admin Dashboard  


Management of Categories

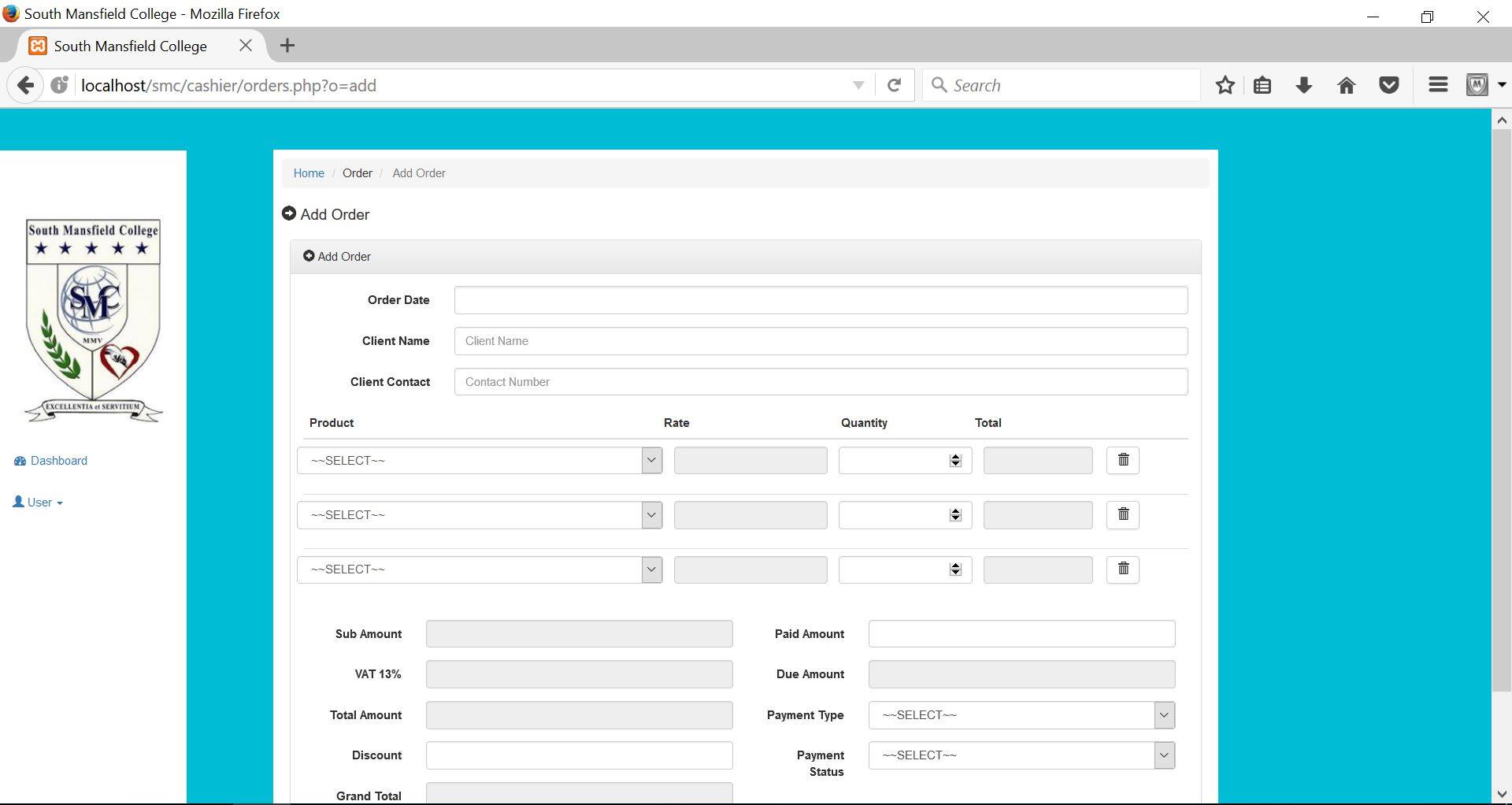
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Management of Product

****

Management of Orders  


Adding of Orders

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# Conclusions and Recommendations

After we defended our project, the panelist gave us ideas what to improve and what ways can we do it. The first one is to add student’s database where the user could just easily input their student id number whenever they are creating orders. Also the database should be consisted with the system so that it would be easier to determine the relationships of it. The panelist also stated that whenever the data is deleted, they should be in a table where the deleted items could be recycled since it is an Inventory System, the assets are critical.

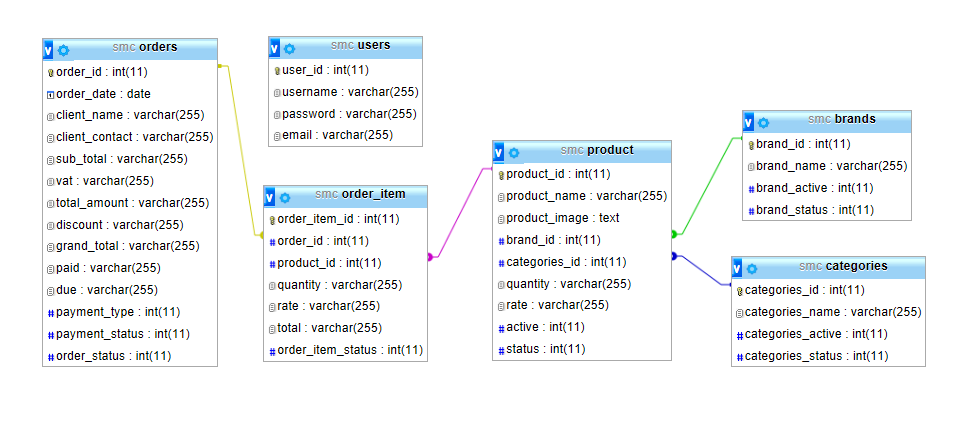
They also told us that if the school has a website, we could use that then we will add modules to the website where they can create orders online and will be sent to the backend side. The panelist also mentioned that we could also use intra-net whithin the school premises, where they are kiosk or terminals scattered around the school for students to create their orders.

The documents should also be updated accordingly so it will not be confusing for the client and also for the panelists. Overall, we found out that ideas of the panelist where absolutely great and will improve our system.

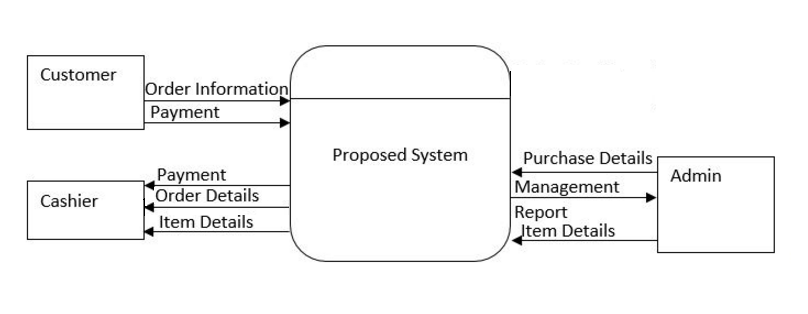
# Appendices

## UML diagrams

### ERD diagram

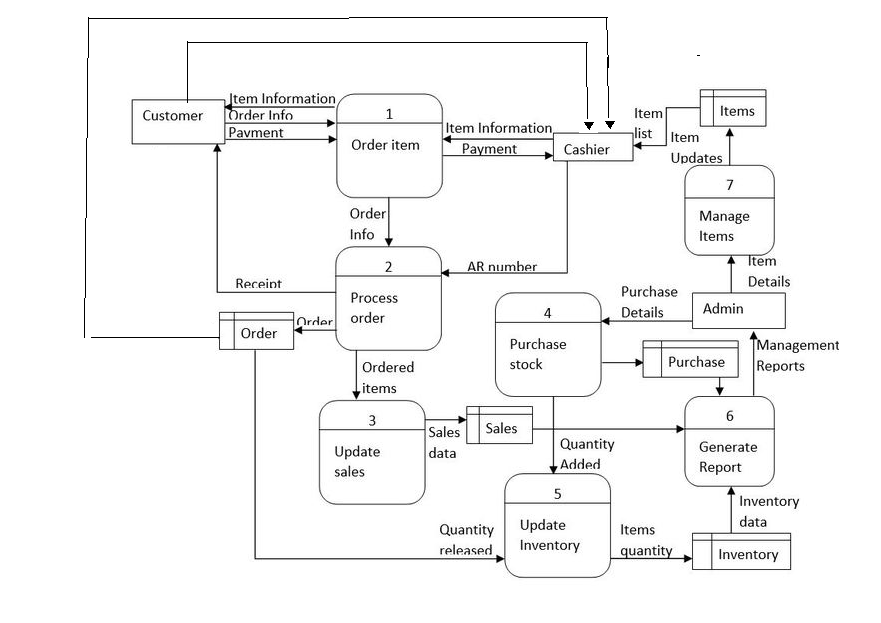


### Context diagram

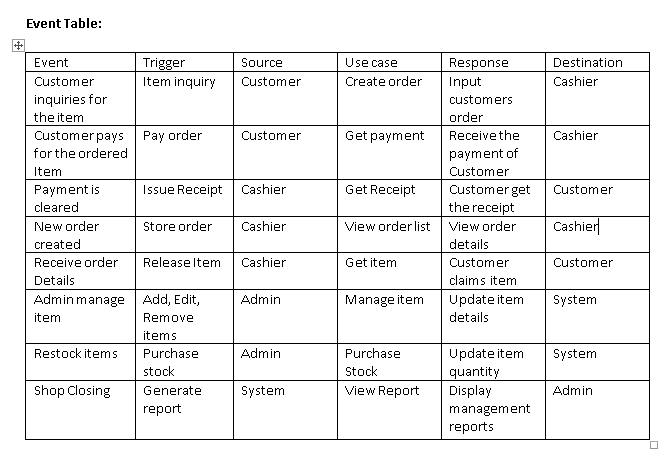


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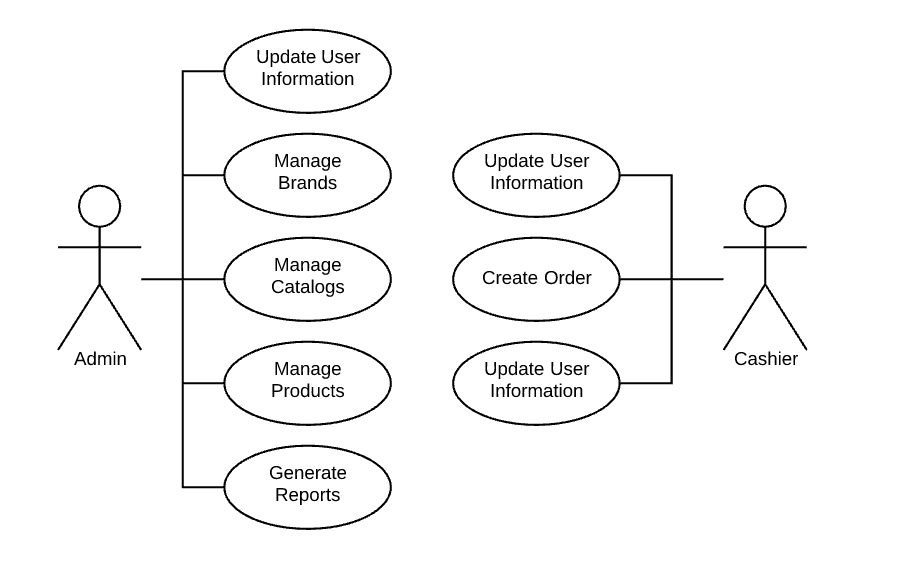
### DFD lvl 0



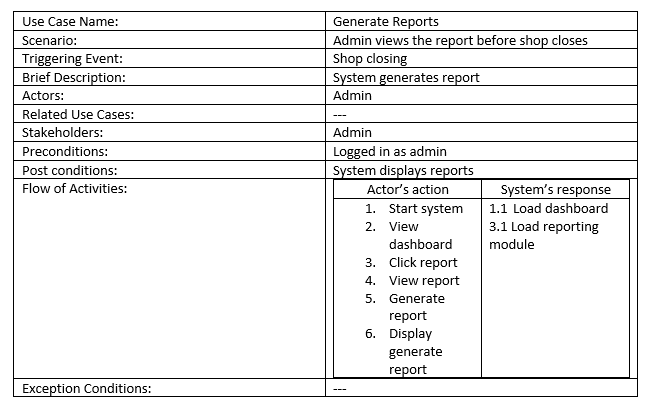
### Event Table

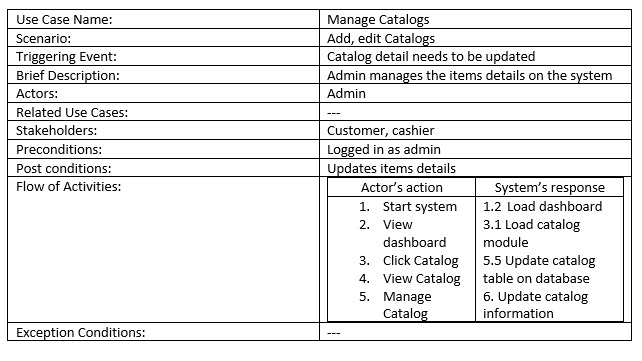


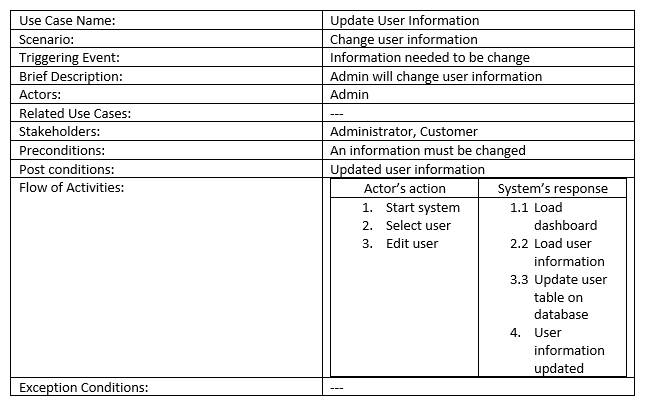
### Use Case diagram

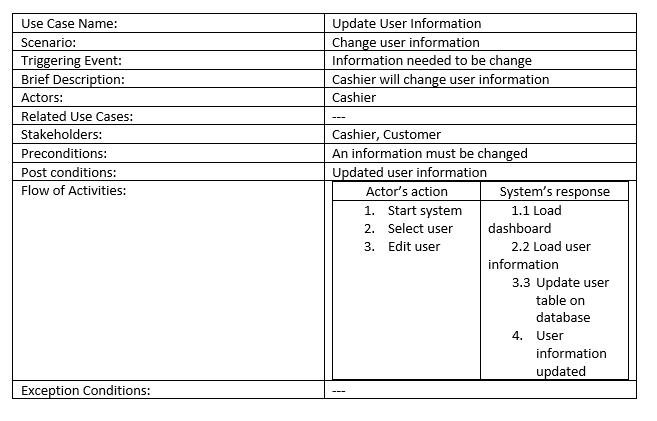


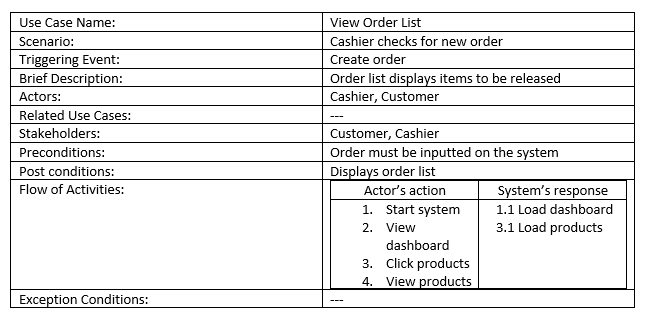
### Use Case Full Description





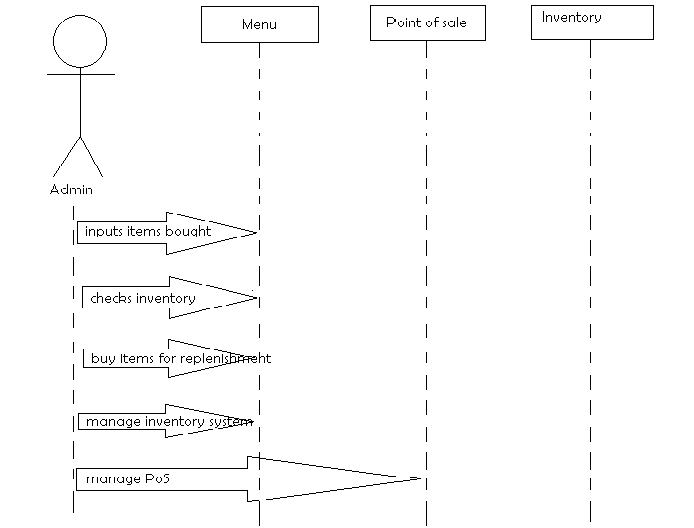


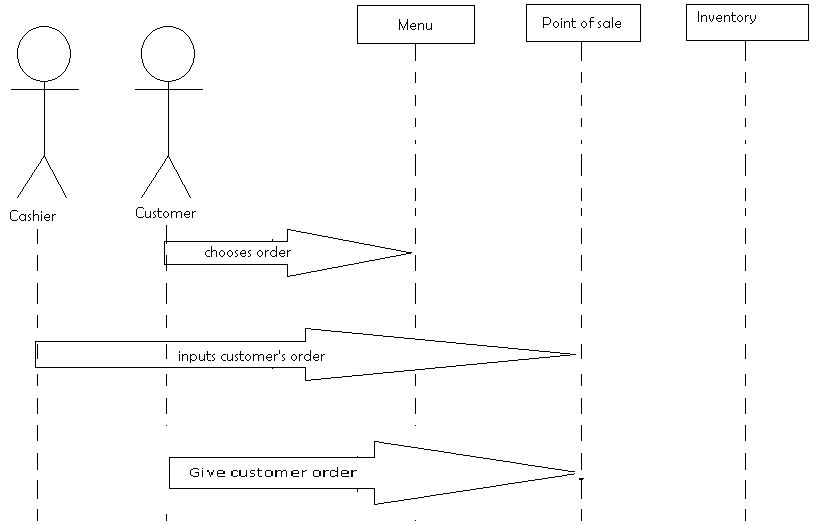




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### Sequence diagram

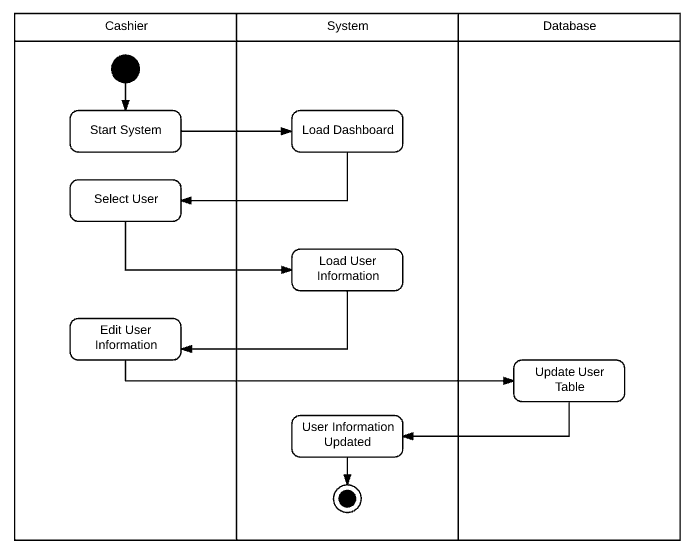




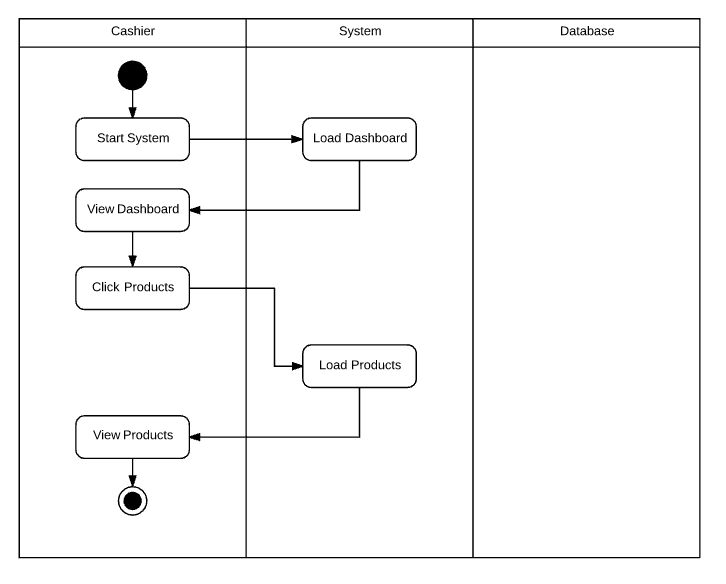
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### Activity diagram

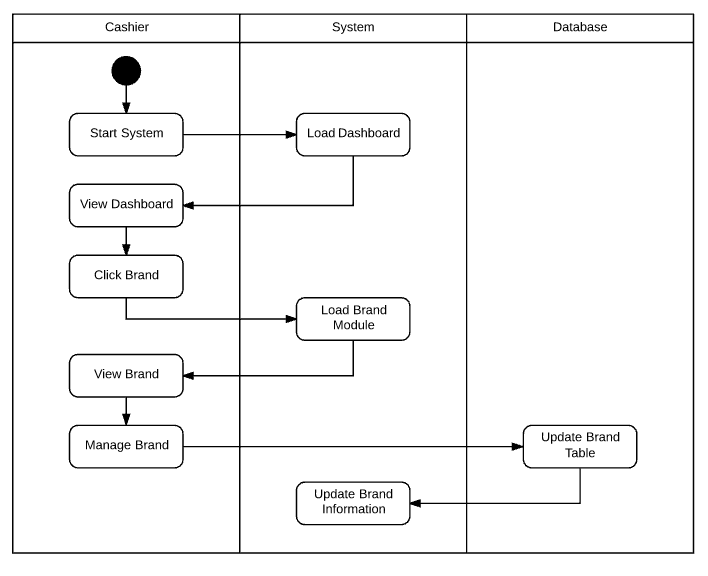
Cashier and Admin updating of user information



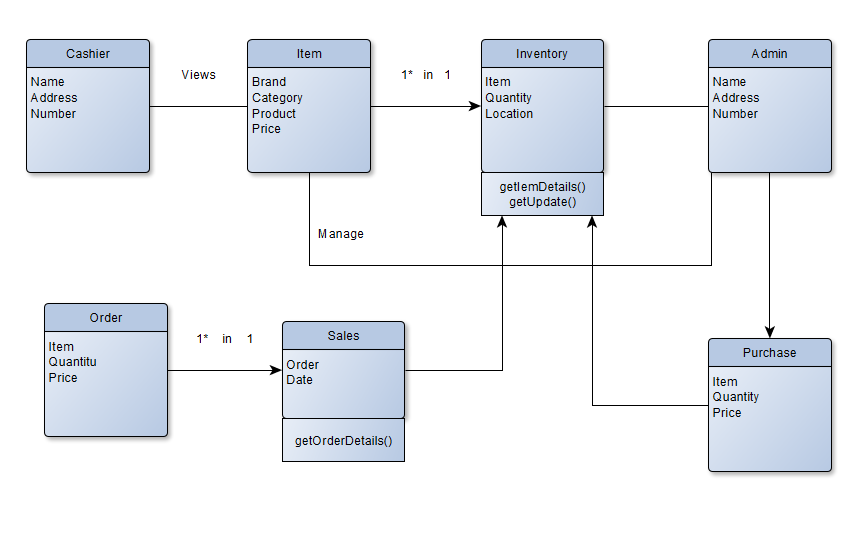
Cashier viewing of products



Admin manage brand

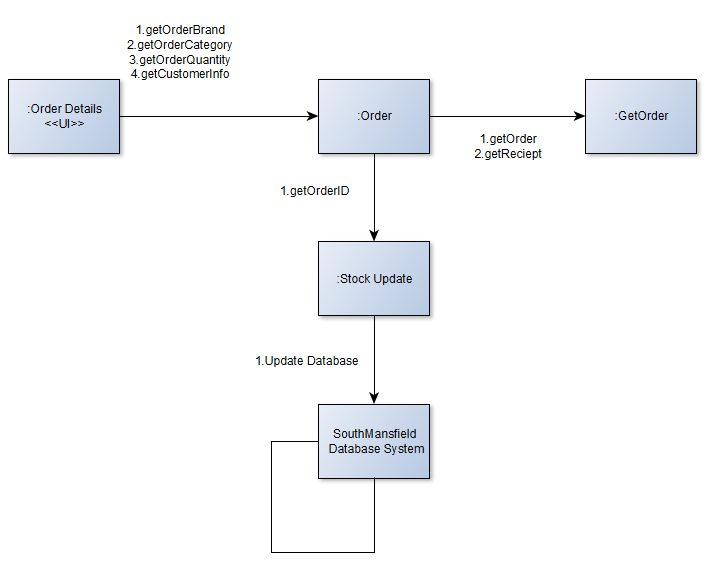


### Class diagram

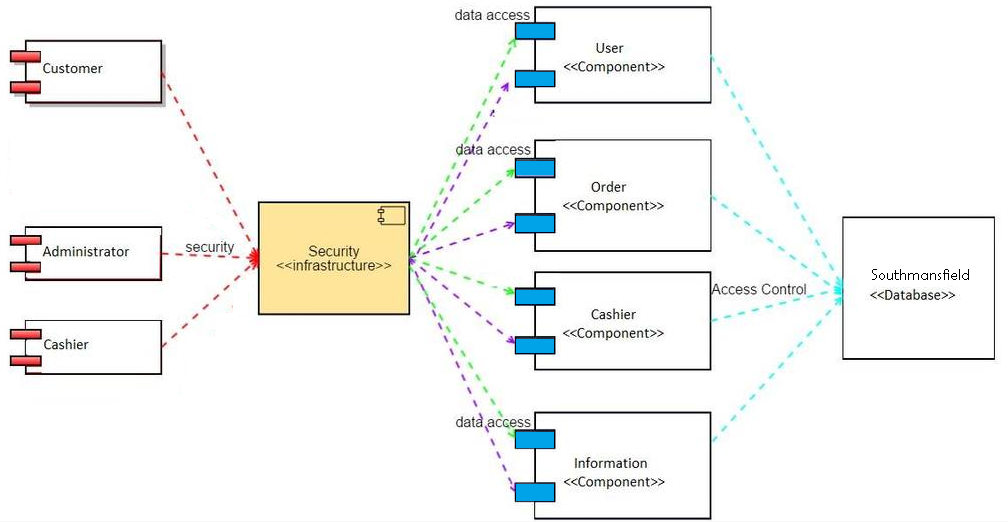


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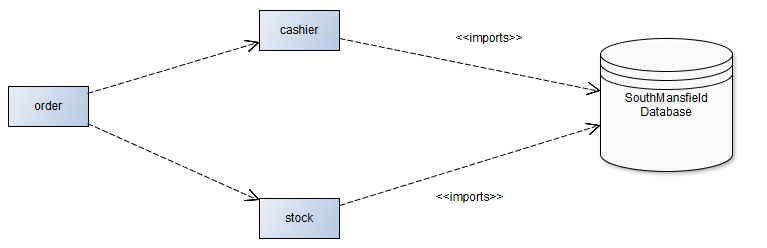
### Communication diagram

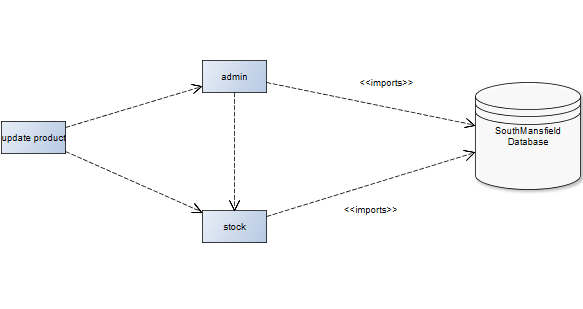


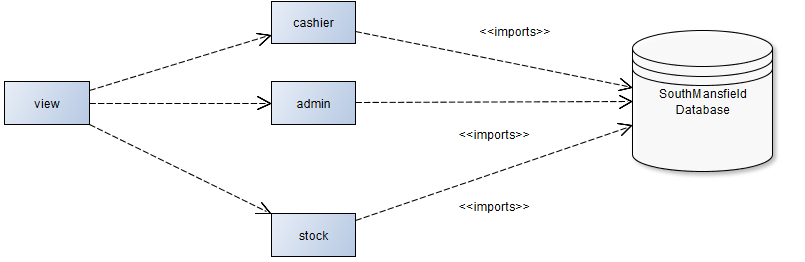
### Component diagram



### Package diagram

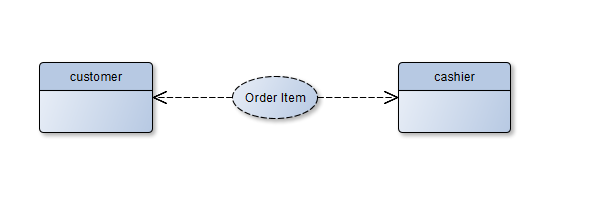


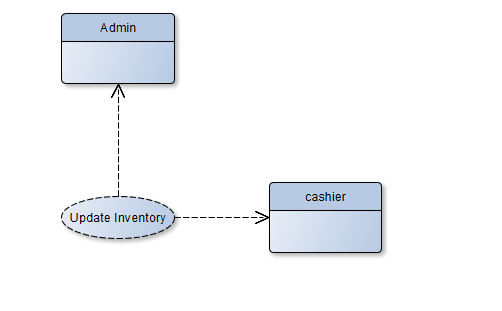




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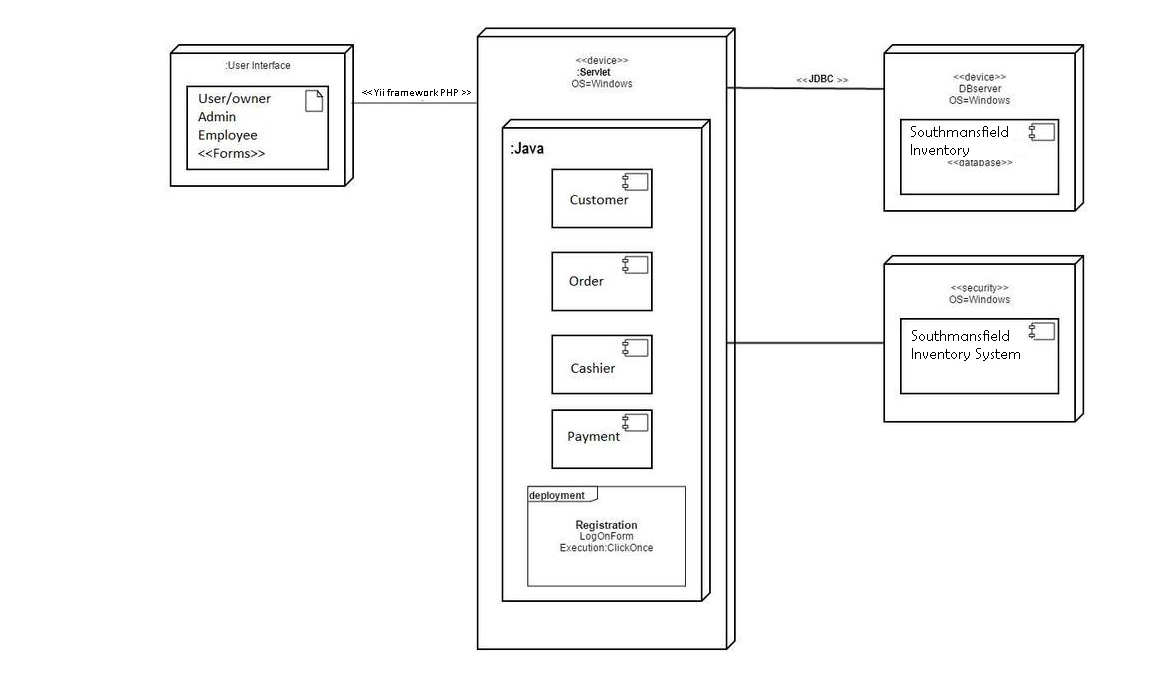
### Composite diagram





### 

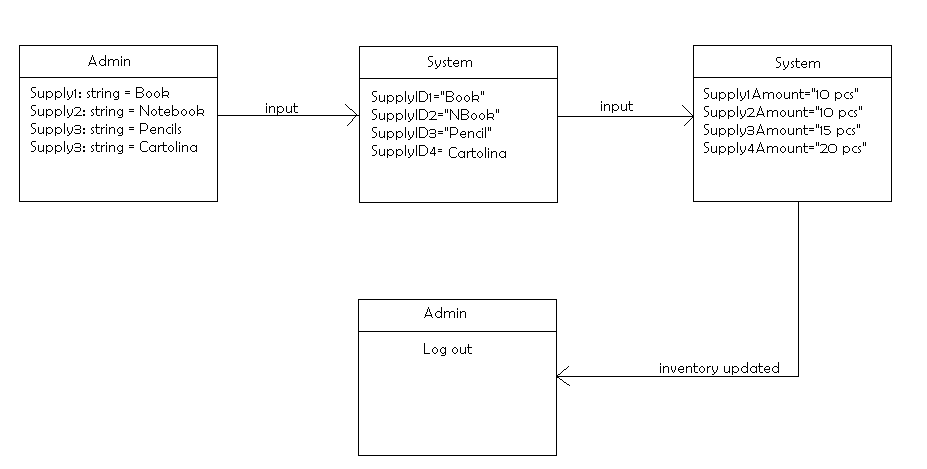
### Deployment diagram



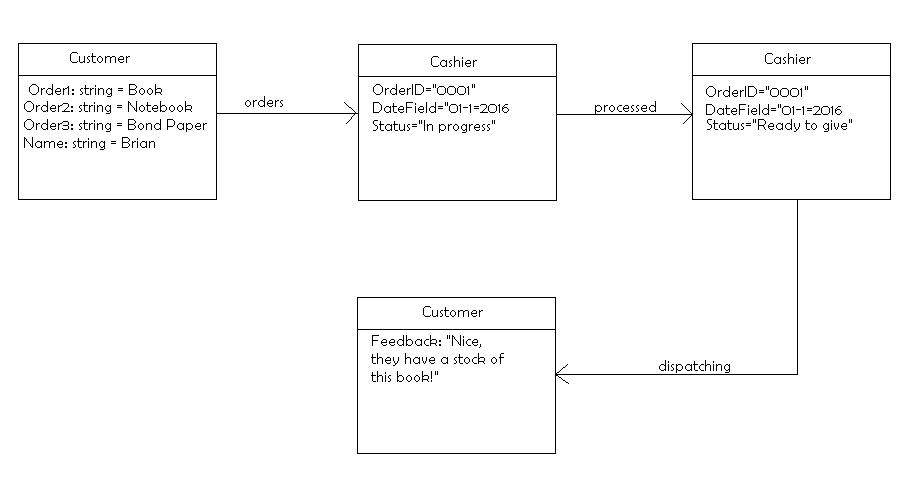
### 

### Object diagram

#### ORDER

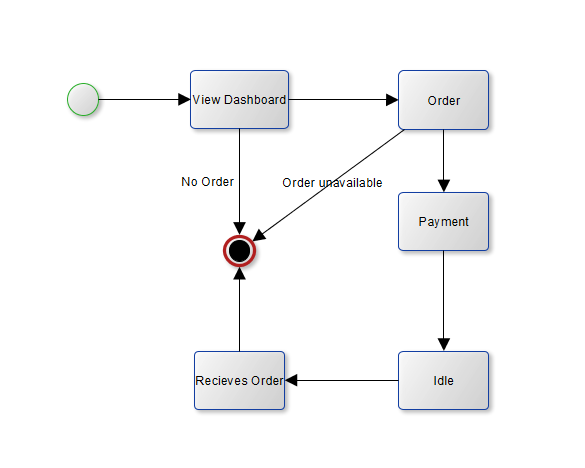


#### INVENTORY

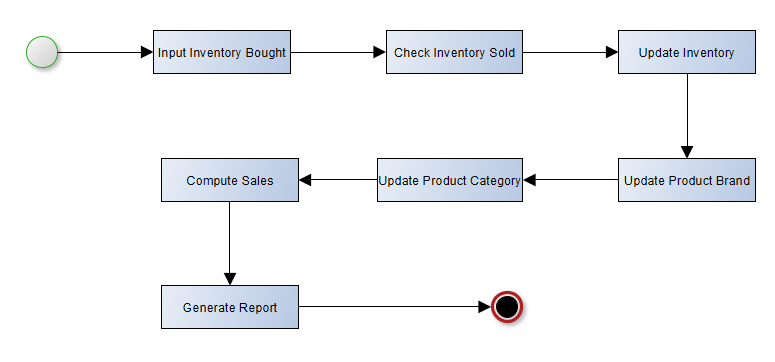


### State diagram

ORDER

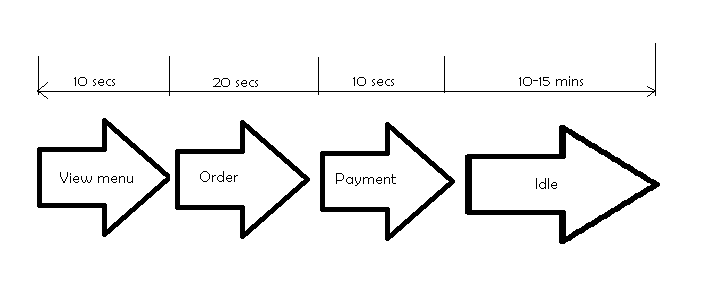


INVENTORY

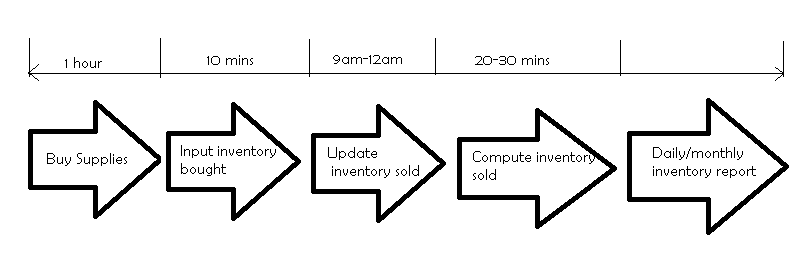


### Timing diagram

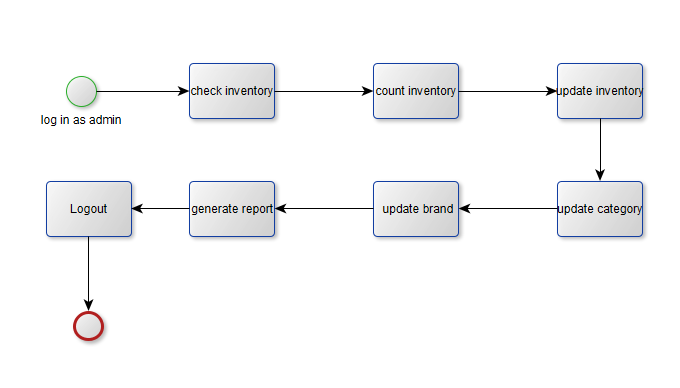
#### ORDER



INVENTORY



### Interaction Overview diagram



## 

## Status Reports:

Project Status Report 1:



**Project Status Report**



**Project Name:** SOUTHMANSFIELD INVENTORY SYSTEM

**Department:** SOCIT

**Focus Area:** Revision of Documentation

**Product/Process:** Applying changes on the projects objective, improving models.



**Prepared By:**

|  |  |
| --- | --- |
| **Document Owner(s)** | **Project/Organization Role** |
| Armersson Caguioa | Project Manager |
| Felix Gregorio | Project Researcher |
| Daveson Romblon | Project Analyst |
| Karlo Mendoza | Project Designer |

**Project Status Report Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Change Description |
| 2.0 | 9/21/16 |  | Document created |
| 2.1 | 9/21/16 | Team A.F.K.D | * Project Objective * Improve system |

**PROJECT STATUS REPORT PURPOSE**

The purpose of this project status report is to improve our system and apply the suggestions of the client/panelist and make sure the documents are already updated.



**PROJECT STATUS REPORT TEMPLATE**

**Project Status Report Details**

The status of the project is up to date and the prototype is 50% working already. The other factors of the prototype are minor functionalities that would improve the system.

* Up to date
  + Southmansfield Inventory System would possible have an impact regarding to the current system of the school on handling its inventory system of the shop that sells common used items of students of the school.
  + We aim to accomplish the project in time.
  + Could possibly accomplish the project in time.

**Project Status Report Template**

|  |  |  |
| --- | --- | --- |
| Project Name | | |
| Prepared By:  Team A.F.K.D | Date:  9/21/16 | Reporting Period:  9/21/16 to 9/22/16 |
| Project Overall Status:  The project already has a prototype that has major functionalities but still it lacks some of the minor components that would make the prototype clean and reliable. | | |
| Project Summary:  The things the we still need to work on our: Estimated 30% of the major functionalities.  Estimated 100% of the minor functionalities. | | |
| **Milestone Deliverables performance reporting over last period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Prototype | 08/21/16 | 70% |  | | | |
| **Milestone Deliverables scheduled for completion over next period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Updating to Dynamic Forms | 9/29/16 | 40% |  | | * Role-based access control | 9/29/16 | 40% |  | | * Inventory Module | 10/3/16 | 20% |  | | Milestone 2 | | | | | * Project Adviser | 9/26/16 |  |  | | * Project Consultant | 9/26/16 |  |  | | | |
| **Project impact of milestone success or failure for project remainder**   |  |  | | --- | --- | | The team is currently studying and applying the dynamic module of yii2 for our system to support multiple orders/purchases | The schedule will adjust to give way to the inventory module | | | |
| **Project** **Budget/Financial Status**   |  |  |  |  | | --- | --- | --- | --- | | Budget Item | Planned Budget | Actual Cost | Variance/Explanation | |  |  |  |  | |  |  |  |  | | | |
| **Project Risk Management Status**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Risk and Description | Risk Chance | Risk Impact | Risk Priority | Change from Last Review | | Lack of Client interaction   * Client’s feedback | Medium | High | High |  | | Project Scheduling   * Timeline adjustments * Adjusting priority | Low | Medium | Medium |  | | | |
|  | | |
| **Project Recommendations**   |  | | --- | | * Will the project be completed on time and on budget?  * Will the project deliverables be completed within acceptable quality levels?  * Are scope change requests being managed successfully?  * Are project issues and risks being addressed successfully and mitigated?  * Are all customer concerns being addressed successfully?] | | | |
| **Objectives for Next Project Status Review**   |  | | --- | | To accomplish the major functionalities and 30% of the minor functionalities. | | | |
|  | | |



PROJECT STATUS REPORT APPROVALS

**Prepared by** Armersson Caguioa

Project Manager

**Approved by** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project Advisor



Project Status Report 2:



**Project Status Report**



**Project Name:** SOUTHMANSFIELD INVENTORY SYSTEM

**Department:** SOCIT

**Focus Area:** Revision of Documentation

**Product/Process:** Applying changes on the projects objective, improving models.



**Prepared By:**

|  |  |
| --- | --- |
| **Document Owner(s)** | **Project/Organization Role** |
| Armersson Caguioa | Project Manager |
| Felix Gregorio | Project Researcher |
| Daveson Romblon | Project Analyst |
| Karlo Mendoza | Project Designer |

**Project Status Report Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Change Description |
| 2.0 | 9/21/16 |  | Document created |
| 2.1 | 9/21/16 |  |  |
| 2.1 | 10/03/16 | Team A.F.K.D | * Project Objective * Improve system |

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| --- | --- | --- |
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| Prepared By:  Team A.F.K.D | Date:  9/21/16 | Reporting Period:  10/03/16 to 10/06/16 |
| Project Overall Status:  The project already has a prototype that has major functionalities but still it lacks some of the minor components that would make the prototype clean and reliable. | | |
| Project Summary:  The things the we still need to work on our: Estimated 30% of the major functionalities.  Estimated 100% of the minor functionalities. | | |
| **Milestone Deliverables performance reporting over last period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Prototype | 08/21/16 | 80% |  | | | |
| **Milestone Deliverables scheduled for completion over next period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Updating to Dynamic Forms | 9/29/16 | 70% |  | | * Role-based access control | 9/29/16 | 50% |  | | * Inventory Module | 10/3/16 | 20% |  | | Milestone 2 | | | | | * Project Adviser | 9/26/16 | 100% |  | | * Project Consultant | 9/26/16 | 100% |  | | | |
| **Project impact of milestone success or failure for project remainder**   |  |  | | --- | --- | | The team is currently studying and applying the dynamic module of yii2 for our system to support multiple orders/purchases | The schedule will adjust to give way to the inventory module | | | |
| **Project** **Budget/Financial Status**   |  |  |  |  | | --- | --- | --- | --- | | Budget Item | Planned Budget | Actual Cost | Variance/Explanation | |  |  |  |  | |  |  |  |  | | | |
| **Project Risk Management Status**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Risk and Description | Risk Chance | Risk Impact | Risk Priority | Change from Last Review | | Lack of Client interaction   * Client’s feedback | Medium | High | High |  | | Project Scheduling   * Timeline adjustments * Adjusting priority | Low | Medium | Medium |  | | | |
|  | | |
| **Project Recommendations**   |  | | --- | | * Will the project be completed on time and on budget? * Will the project deliverables be completed within acceptable quality levels? * Are scope change requests being managed successfully? * Are project issues and risks being addressed successfully and mitigated? * Are all customer concerns being addressed successfully?] | | | |
| **Objectives for Next Project Status Review**   |  | | --- | | To accomplish the major functionalities and 40% of the minor functionalities. | | | |
|  | | |



**PROJECT STATUS REPORT APPROVALS**

**Prepared by** Armersson Caguioa

Project Manager

**Approved by** Prof Joe Gene Quesada   
Project Advisor



Project Status Report 3:



**Project Status Report**



**Project Name:** SOUTHMANSFIELD INVENTORY SYSTEM

**Department:** SOCIT

**Focus Area:** Revision of Documentation

**Product/Process:** Applying changes on the projects objective, improving models.



**Prepared By:**

|  |  |
| --- | --- |
| **Document Owner(s)** | **Project/Organization Role** |
| Armersson Caguioa | Project Manager |
| Felix Gregorio | Project Researcher |
| Daveson Romblon | Project Analyst |
| Karlo Mendoza | Project Designer |

**Project Status Report Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Change Description |
| 2.0 | 9/21/16 |  | Document created |
| 2.1 | 9/21/16 |  |  |
| 2.1 | 10/03/16 |  |  |
| 2.2 | 10/10/16 | Team A.F.K.D | * Project Objective * Improve system |

**PROJECT STATUS REPORT PURPOSE**

The purpose of this project status report is to improve our system and apply the suggestions of the client/panelist and make sure the documents are already updated.



**PROJECT STATUS REPORT TEMPLATE**

**Project Status Report Details**

The status of the project is up to date and the prototype is 50% working already. The other factors of the prototype are minor functionalities that would improve the system.

* Up to date
  + Southmansfield Inventory System would possible have an impact regarding to the current system of the school on handling its inventory system of the shop that sells common used items of students of the school.
  + We aim to accomplish the project in time.
  + Could possibly accomplish the project in time.

**Project Status Report Template**

|  |  |  |
| --- | --- | --- |
| Project Name | | |
| Prepared By:  Team A.F.K.D | Date:  10/10/16 | Reporting Period:  10/10/16 to 10/14/16 |
| Project Overall Status:  The project already has a prototype that has major functionalities but still it lacks some of the minor components that would make the prototype clean and reliable. | | |
| Project Summary:  The things the we still need to work on our: Estimated 30% of the major functionalities.  Estimated 100% of the minor functionalities. | | |
| **Milestone Deliverables performance reporting over last period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Prototype | 08/21/16 | 80% |  | | | |
| **Milestone Deliverables scheduled for completion over next period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Updating to Dynamic Forms | 10/16/16 | 80% |  | | * Role-based access control | 10/16/16 | 70% |  | | * Inventory Module | 10/20/16 | 30% |  | | Milestone 2 | | | | | * Project Plan documentation | 10/14/16 | 30% |  | | * Statement of work | 10/14/16 | 30% |  | | | |
| **Project impact of milestone success or failure for project remainder**   |  |  | | --- | --- | | The team is currently studying and applying the dynamic module of yii2 for our system to support multiple orders/purchases | The schedule will adjust to give way to the inventory module | | | |
| **Project** **Budget/Financial Status**   |  |  |  |  | | --- | --- | --- | --- | | Budget Item | Planned Budget | Actual Cost | Variance/Explanation | |  |  |  |  | |  |  |  |  | | | |
| **Project Risk Management Status**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Risk and Description | Risk Chance | Risk Impact | Risk Priority | Change from Last Review | | Lack of Client interaction   * Client’s feedback | Medium | High | High |  | | Project Scheduling   * Timeline adjustments * Adjusting priority | Low | Medium | Medium |  | | | |
|  | | |
| **Project Recommendations**   |  | | --- | | * Will the project be completed on time and on budget? * Will the project deliverables be completed within acceptable quality levels? * Are scope change requests being managed successfully? * Are project issues and risks being addressed successfully and mitigated? * Are all customer concerns being addressed successfully?] | | | |
| **Objectives for Next Project Status Review**   |  | | --- | | To accomplish the major functionalities and 40% of the minor functionalities. | | | |
|  | | |



**PROJECT STATUS REPORT APPROVALS**

**Prepared by** Armersson Caguioa

Project Manager

**Approved by** Prof. Joe Gene Quesada   
Project Advisor



Project Status Report 4:



**Project Status Report**



**Project Name:** SOUTHMANSFIELD INVENTORY SYSTEM

**Department:** SOCIT

**Focus Area:** Revision of Documentation

**Product/Process:** Applying changes on the projects vision, and scope of work.



**Prepared By:**

|  |  |
| --- | --- |
| **Document Owner(s)** | **Project/Organization Role** |
| Armersson Caguioa | Project Manager |
| Felix Gregorio | Project Researcher |
| Daveson Romblon | Project Analyst |
| Karlo Mendoza | Project Designer |

**Project Status Report Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Change Description |
| 2.0 | 9/21/16 |  | Document created |
| 2.1 | 9/21/16 |  |  |
| 2.1 | 10/03/16 |  |  |
| 2.2 | 10/10/16 | Team A.F.K.D | * Project Objective * Improve system |
| 2.3 | 10/16/16 |  | * Vision and Scope documentation added |

**PROJECT STATUS REPORT PURPOSE**

The purpose of this project status report is to improve our system and apply the suggestions of the client/panelist and make sure the documents are already updated.



**PROJECT STATUS REPORT TEMPLATE**

**Project Status Report Details**

The status of the project is up to date and the prototype is 50% working already. The other factors of the prototype are minor functionalities that would improve the system.

* Up to date
  + Southmansfield Inventory System would possible have an impact regarding to the current system of the school on handling its inventory system of the shop that sells common used items of students of the school.
  + We aim to accomplish the project in time.
  + Could possibly accomplish the project in time.

**Project Status Report Template**

|  |  |  |
| --- | --- | --- |
| Project Name | | |
| Prepared By:  Team A.F.K.D | Date:  10/16/16 | Reporting Period:  10/16/16 to 10/20/16 |
| Project Overall Status:  The project already has a prototype that has major functionalities but still it lacks some of the minor components that would make the prototype clean and reliable. | | |
| Project Summary:  The things the we still need to work on our: Estimated 30% of the major functionalities.  Estimated 100% of the minor functionalities. | | |
| **Milestone Deliverables performance reporting over last period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Prototype | 08/21/16 | 80% |  | | | |
| **Milestone Deliverables scheduled for completion over next period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Updating to Dynamic Forms | 10/16/16 | 80% |  | | * Role-based access control | 10/16/16 | 70% |  | | * Inventory Module | 10/20/16 | 30% |  | | Milestone 2 | | | | | * Project Plan documentation | 10/14/16 | 80% |  | | * Statement of work | 10/14/16 | 80% |  | | | |
| **Project impact of milestone success or failure for project remainder**   |  |  | | --- | --- | | The team is currently studying and applying the dynamic module of yii2 for our system to support multiple orders/purchases | The schedule will adjust to give way to the inventory module | | | |
| **Project** **Budget/Financial Status**   |  |  |  |  | | --- | --- | --- | --- | | Budget Item | Planned Budget | Actual Cost | Variance/Explanation | |  |  |  |  | |  |  |  |  | | | |
| **Project Risk Management Status**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Risk and Description | Risk Chance | Risk Impact | Risk Priority | Change from Last Review | | Lack of Client interaction   * Client’s feedback | Medium | High | High |  | | Project Scheduling   * Timeline adjustments * Adjusting priority | Low | Medium | Medium |  | | | |
|  | | |
| **Project Recommendations**   |  | | --- | | * Will the project be completed on time and on budget? * Will the project deliverables be completed within acceptable quality levels? * Are scope change requests being managed successfully? * Are project issues and risks being addressed successfully and mitigated? * Are all customer concerns being addressed successfully?] | | | |
| **Objectives for Next Project Status Review**   |  | | --- | | To accomplish the major functionalities and 40% of the minor functionalities. | | | |
|  | | |



**PROJECT STATUS REPORT APPROVALS**

**Prepared by** Armersson Caguioa

Project Manager

**Approved by** Prof. Joe Gene Quesada   
Project Advisor

Project Status Report 5:



**Project Status Report**



**Project Name:** SOUTHMANSFIELD INVENTORY SYSTEM

**Department:** SOCIT

**Focus Area:** Revision of Documentation

**Product/Process:** Applying changes on the projects vision, and scope of work.



**Prepared By:**

|  |  |
| --- | --- |
| **Document Owner(s)** | **Project/Organization Role** |
| Armersson Caguioa | Project Manager |
| Felix Gregorio | Project Researcher |
| Daveson Romblon | Project Analyst |
| Karlo Mendoza | Project Designer |

**Project Status Report Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Change Description |
| 2.0 | 9/21/16 |  | Document created |
| 2.1 | 9/21/16 |  |  |
| 2.1 | 10/03/16 |  |  |
| 2.2 | 10/10/16 | Team A.F.K.D | * Project Objective * Improve system |
| 2.3 | 10/16/16 |  | * Vision and Scope documentation added |

**PROJECT STATUS REPORT PURPOSE**

The purpose of this project status report is to improve our system and apply the suggestions of the client/panelist and make sure the documents are already updated.



**PROJECT STATUS REPORT TEMPLATE**

**Project Status Report Details**

The status of the project is up to date and the prototype is 50% working already. The other factors of the prototype are minor functionalities that would improve the system.

* Up to date
  + Southmansfield Inventory System would possible have an impact regarding to the current system of the school on handling its inventory system of the shop that sells common used items of students of the school.
  + We aim to accomplish the project in time.
  + Could possibly accomplish the project in time.

**Project Status Report Template**

|  |  |  |
| --- | --- | --- |
| Project Name | | |
| Prepared By:  Team A.F.K.D | Date:  10/16/16 | Reporting Period:  10/16/16 to 10/20/16 |
| Project Overall Status:  The project already has a prototype that has major functionalities but still it lacks some of the minor components that would make the prototype clean and reliable. | | |
| Project Summary:  The things the we still need to work on our: Estimated 30% of the major functionalities.  Estimated 100% of the minor functionalities. | | |
| **Milestone Deliverables performance reporting over last period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Prototype | 08/21/16 | 80% |  | | | |
| **Milestone Deliverables scheduled for completion over next period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Updating to Dynamic Forms | 10/16/16 | 80% |  | | * Role-based access control | 10/16/16 | 70% |  | | * Inventory Module | 10/20/16 | 30% |  | | Milestone 2 | | | | | * Project Plan documentation | 10/14/16 | 80% |  | | * Statement of work | 10/14/16 | 80% |  | | | |
| **Project impact of milestone success or failure for project remainder**   |  |  | | --- | --- | | The team is currently studying and applying the dynamic module of yii2 for our system to support multiple orders/purchases | The schedule will adjust to give way to the inventory module | | | |
| **Project** **Budget/Financial Status**   |  |  |  |  | | --- | --- | --- | --- | | Budget Item | Planned Budget | Actual Cost | Variance/Explanation | |  |  |  |  | |  |  |  |  | | | |
| **Project Risk Management Status**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Risk and Description | Risk Chance | Risk Impact | Risk Priority | Change from Last Review | | Lack of Client interaction   * Client’s feedback | Medium | High | High |  | | Project Scheduling   * Timeline adjustments * Adjusting priority | Low | Medium | Medium |  | | | |
|  | | |
| **Project Recommendations**   |  | | --- | | * Will the project be completed on time and on budget? * Will the project deliverables be completed within acceptable quality levels? * Are scope change requests being managed successfully? * Are project issues and risks being addressed successfully and mitigated? * Are all customer concerns being addressed successfully?] | | | |
| **Objectives for Next Project Status Review**   |  | | --- | | To accomplish the major functionalities and 40% of the minor functionalities. | | | |
|  | | |



**PROJECT STATUS REPORT APPROVALS**

**Prepared by** Armersson Caguioa

Project Manager

**Approved by** Prof. Joe Gene Quesada   
Project Advisor



Project Status Report 6:



**Project Status Report**



**Project Name:** SOUTHMANSFIELD INVENTORY SYSTEM

**Department:** SOCIT

**Focus Area:** Revision of Documentation

**Product/Process:** Applying changes on the projects vision, and scope of work.



**Prepared By:**

|  |  |
| --- | --- |
| **Document Owner(s)** | **Project/Organization Role** |
| Armersson Caguioa | Project Manager |
| Felix Gregorio | Project Researcher |
| Daveson Romblon | Project Analyst |
| Karlo Mendoza | Project Designer |

**Project Status Report Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Change Description |
| 2.0 | 9/21/16 |  | Document created |
| 2.1 | 9/21/16 |  |  |
| 2.1 | 10/03/16 |  |  |
| 2.2 | 10/10/16 |  | * Project Objective * Improve system |
| 2.3 | 10/16/16 |  | * Vision and Scope documentation added |
| 2.4 | 11/14/16 | Team A.F.K.D | * Revision of system and documentation error |

**PROJECT STATUS REPORT PURPOSE**

The purpose of this project status report is to improve our system and apply the suggestions of the client/panelist and make sure the documents are already updated.



**PROJECT STATUS REPORT TEMPLATE**

**Project Status Report Details**

The status of the project is up to date and the prototype is 50% working already. The other factors of the prototype are minor functionalities that would improve the system.

* Up to date
  + Southmansfield Inventory System would possible have an impact regarding to the current system of the school on handling its inventory system of the shop that sells common used items of students of the school.
  + We aim to accomplish the project in time.
  + Could possibly accomplish the project in time.

**Project Status Report Template**

|  |  |  |
| --- | --- | --- |
| Project Name | | |
| Prepared By:  Team A.F.K.D | Date:  11/14/16 | Reporting Period:  11/14/16 to 11/21/16 |
| Project Overall Status:  The project already has a prototype that has major functionalities but still it lacks some of the minor components that would make the prototype clean and reliable. | | |
| Project Summary:  The things the we still need to work on our: Estimated 70-80% of the major functionalities. | | |
| **Milestone Deliverables performance reporting over last period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Prototype | 11/21/16 | 80% |  | | | |
| **Milestone Deliverables scheduled for completion over next period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Updating to Dynamic Forms | 11/21/16 | 80% |  | | * Inventory Module | 11/21/16 | 30% |  | | * Database revision | 11/21/16 | 60% |  | | Milestone 2 | | | | | * Documentation Revisions | 11/21/16 | 60% |  | |  |  |  |  | | | |
| **Project impact of milestone success or failure for project remainder**   |  |  | | --- | --- | | The team is currently studying and applying the dynamic module of yii2 for our system to support multiple orders/purchases | The schedule will adjust to give way to the inventory module | | | |
| **Project** **Budget/Financial Status**   |  |  |  |  | | --- | --- | --- | --- | | Budget Item | Planned Budget | Actual Cost | Variance/Explanation | |  |  |  |  | |  |  |  |  | | | |
| **Project Risk Management Status**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Risk and Description | Risk Chance | Risk Impact | Risk Priority | Change from Last Review | | Lack of Client interaction   * Client’s feedback | Medium | High | High |  | | Project Scheduling   * Timeline adjustments * Adjusting priority | Low | Medium | Medium |  | | | |
|  | | |
| **Project Recommendations**   |  | | --- | | * Will the project be completed on time and on budget? * Will the project deliverables be completed within acceptable quality levels? * Are scope change requests being managed successfully? * Are project issues and risks being addressed successfully and mitigated? * Are all customer concerns being addressed successfully?] | | | |
| **Objectives for Next Project Status Review**   |  | | --- | | To accomplish the major functionalities and 40% of the minor functionalities. | | | |
|  | | |



**PROJECT STATUS REPORT APPROVALS**

**Prepared by** Armersson Caguioa

Project Manager

**Approved by** Prof. Joe Gene Quesada   
Project Advisor



Project Status Report 7:



**Project Status Report**



**Project Name:** SOUTHMANSFIELD INVENTORY SYSTEM

**Department:** SOCIT

**Focus Area:** Revision of Documentation

**Product/Process:** Applying changes on the projects vision, and scope of work.



**Prepared By:**

|  |  |
| --- | --- |
| **Document Owner(s)** | **Project/Organization Role** |
| Armersson Caguioa | Project Manager |
| Felix Gregorio | Project Researcher |
| Daveson Romblon | Project Analyst |
| Karlo Mendoza | Project Designer |

**Project Status Report Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Change Description |
| 2.0 | 9/21/16 |  | Document created |
| 2.1 | 9/21/16 |  |  |
| 2.1 | 10/03/16 |  |  |
| 2.2 | 10/10/16 |  | * Project Objective * Improve system |
| 2.3 | 10/16/16 |  | * Vision and Scope documentation added |
| 2.4 | 11/14/16 |  | * Revision of system and documentation error |
| 2.5 | 11/21/16 | Team A.F.K.D |  |

**PROJECT STATUS REPORT PURPOSE**

The purpose of this project status report is to improve our system and apply the suggestions of the client/panelist and make sure the documents are already updated.



**PROJECT STATUS REPORT TEMPLATE**

**Project Status Report Details**

The status of the project is up to date and the prototype is 50% working already. The other factors of the prototype are minor functionalities that would improve the system.

* Up to date
  + Southmansfield Inventory System would possible have an impact regarding to the current system of the school on handling its inventory system of the shop that sells common used items of students of the school.
  + We aim to accomplish the project in time.
  + Could possibly accomplish the project in time.

**Project Status Report Template**

|  |  |  |
| --- | --- | --- |
| Project Name | | |
| Prepared By:  Team A.F.K.D | Date:  11/21/16 | Reporting Period:  11/21/16 to 11/24/16 |
| Project Overall Status:  The project already has a prototype that has major functionalities but still it lacks some of the minor components that would make the prototype clean and reliable. | | |
| Project Summary:  The things the we still need to work on our: Estimated 70-80% of the major functionalities. | | |
| **Milestone Deliverables performance reporting over last period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Prototype | 11/24/16 | 90% |  | | | |
| **Milestone Deliverables scheduled for completion over next period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Updating to Dynamic Forms | 11/24/16 | 100% | [**Finished**] | | * Inventory Module | 11/21/16 | 70% |  | | * Database revision | 11/21/16 | 100% | [**Finished**] | | Milestone 2 | | | | | * Documentation Revisions | 11/21/16 | 80% | [**On Schedule**] | |  |  |  |  | | | |
| **Project impact of milestone success or failure for project remainder**   |  |  | | --- | --- | | The team is currently studying and applying the dynamic module of yii2 for our system to support multiple orders/purchases | The schedule will adjust to give way to the inventory module | | | |
| **Project** **Budget/Financial Status**   |  |  |  |  | | --- | --- | --- | --- | | Budget Item | Planned Budget | Actual Cost | Variance/Explanation | |  |  |  |  | |  |  |  |  | | | |
| **Project Risk Management Status**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Risk and Description | Risk Chance | Risk Impact | Risk Priority | Change from Last Review | | Lack of Client interaction   * Client’s feedback | Medium | High | High |  | | Project Scheduling   * Timeline adjustments * Adjusting priority | Low | Medium | Medium |  | | | |
|  | | |
| **Project Recommendations**   |  | | --- | | * Will the project be completed on time and on budget? * Will the project deliverables be completed within acceptable quality levels? * Are scope change requests being managed successfully? * Are project issues and risks being addressed successfully and mitigated? * Are all customer concerns being addressed successfully?] | | | |
| **Objectives for Next Project Status Review**   |  | | --- | | To accomplish the major functionalities and 40% of the minor functionalities. | | | |
|  | | |



**PROJECT STATUS REPORT APPROVALS**

**Prepared by** Armersson Caguioa

Project Manager

**Approved by** Prof. Joe Gene Quesada   
Project Advisor



Project Status Report 8:



**Project Status Report**



**Project Name:** SOUTHMANSFIELD INVENTORY SYSTEM

**Department:** SOCIT

**Focus Area:** Revision of Documentation

**Product/Process:** Applying changes on the projects vision, and scope of work.



**Prepared By:**

|  |  |
| --- | --- |
| **Document Owner(s)** | **Project/Organization Role** |
| Armersson Caguioa | Project Manager |
| Felix Gregorio | Project Researcher |
| Daveson Romblon | Project Analyst |
| Karlo Mendoza | Project Designer |

**Project Status Report Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Change Description |
| 2.0 | 9/21/16 |  | Document created |
| 2.1 | 9/21/16 |  |  |
| 2.1 | 10/03/16 |  |  |
| 2.2 | 10/10/16 |  | * Project Objective * Improve system |
| 2.3 | 10/16/16 |  | * Vision and Scope documentation added |
| 2.4 | 11/14/16 |  |  |
| 2.5 | 11/21/16 |  |  |
| 2.5 | 11/28/16 | Team A.F.K.D | * Revision of system and documentation error |

**PROJECT STATUS REPORT PURPOSE**

The purpose of this project status report is to improve our system and apply the suggestions of the client/panelist and make sure the documents are already updated.



**PROJECT STATUS REPORT TEMPLATE**

**Project Status Report Details**

The status of the project is up to date and the prototype is 50% working already. The other factors of the prototype are minor functionalities that would improve the system.

* Up to date
  + Southmansfield Inventory System would possible have an impact regarding to the current system of the school on handling its inventory system of the shop that sells common used items of students of the school.
  + We aim to accomplish the project in time.
  + Could possibly accomplish the project in time.

**Project Status Report Template**

|  |  |  |
| --- | --- | --- |
| Project Name | | |
| Prepared By:  Team A.F.K.D | Date:  11/28/16 | Reporting Period:  11/28/16 to 12/2/16 |
| Project Overall Status:  The project already has a prototype that has major functionalities but still it lacks some of the minor components that would make the prototype clean and reliable. | | |
| Project Summary:  The things the we still need to work on our: Estimated 70-80% of the major functionalities. | | |
| **Milestone Deliverables performance reporting over last period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Prototype | 11/24/16 | 90% |  | | | |
| **Milestone Deliverables scheduled for completion over next period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Updating to Dynamic Forms | 11/24/16 | 100% | [**Finished**] | | * Inventory Module | 11/30/16 | 80% |  | | * Database revision | 11/21/16 | 100% | [**Finished**] | | Milestone 2 | | | | | * Documentation Revisions | 11/30/16 | 85% | [**On Schedule**] | | * Quality Plan | 11/30/16 | 80% | [**On Schedule**] | | | |
| **Project impact of milestone success or failure for project remainder**   |  |  | | --- | --- | | The team is currently studying and applying the dynamic module of yii2 for our system to support multiple orders/purchases | The schedule will adjust to give way to the inventory module | | | |
| **Project** **Budget/Financial Status**   |  |  |  |  | | --- | --- | --- | --- | | Budget Item | Planned Budget | Actual Cost | Variance/Explanation | |  |  |  |  | |  |  |  |  | | | |
| **Project Risk Management Status**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Risk and Description | Risk Chance | Risk Impact | Risk Priority | Change from Last Review | | Lack of Client interaction   * Client’s feedback | Medium | High | High |  | | Project Scheduling   * Timeline adjustments * Adjusting priority | Low | Medium | Medium |  | | | |
|  | | |
| **Project Recommendations**   |  | | --- | | * Will the project be completed on time and on budget? * Will the project deliverables be completed within acceptable quality levels? * Are scope change requests being managed successfully? * Are project issues and risks being addressed successfully and mitigated? * Are all customer concerns being addressed successfully?] | | | |
| **Objectives for Next Project Status Review**   |  | | --- | | To accomplish the major functionalities and 40% of the minor functionalities. | | | |
|  | | |



**PROJECT STATUS REPORT APPROVALS**

**Prepared by** Armersson Caguioa

Project Manager

**Approved by** Prof. Joe Gene Quesada   
Project Advisor



Project Status Report 9:



**Project Status Report**



**Project Name:** SOUTHMANSFIELD INVENTORY SYSTEM

**Department:** SOCIT

**Focus Area:** Revision of Documentation

**Product/Process:** Applying changes on the projects vision, and scope of work.



**Prepared By:**

|  |  |
| --- | --- |
| **Document Owner(s)** | **Project/Organization Role** |
| Armersson Caguioa | Project Manager |
| Felix Gregorio | Project Researcher |
| Daveson Romblon | Project Analyst |
| Karlo Mendoza | Project Designer |

**Project Status Report Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Change Description |
| 2.0 | 9/21/16 |  | Document created |
| 2.1 | 9/21/16 |  |  |
| 2.1 | 10/03/16 |  |  |
| 2.2 | 10/10/16 |  | * Project Objective * Improve system |
| 2.3 | 10/16/16 |  | * Vision and Scope documentation added |
| 2.4 | 11/14/16 |  |  |
| 2.5 | 11/21/16 |  |  |
| 2.5 | 11/28/16 | Team A.F.K.D | * Revision of system and documentation error |
| 2.6 | 12/4/16 | Team A.F.K.D | * Updates on several documentations |

**PROJECT STATUS REPORT PURPOSE**

The purpose of this project status report is to improve our system and apply the suggestions of the client/panelist and make sure the documents are already updated.



**PROJECT STATUS REPORT TEMPLATE**

**Project Status Report Details**

The status of the project is up to date and the prototype is 50% working already. The other factors of the prototype are minor functionalities that would improve the system.

* Up to date
  + Southmansfield Inventory System would possible have an impact regarding to the current system of the school on handling its inventory system of the shop that sells common used items of students of the school.
  + We aim to accomplish the project in time.
  + Could possibly accomplish the project in time.

**Project Status Report Template**

|  |  |  |
| --- | --- | --- |
| Project Name | | |
| Prepared By:  Team A.F.K.D | Date:  12/4/16 | Reporting Period:  12/5/16 to 12/9/16 |
| Project Overall Status:  The project already has a prototype that has major functionalities but still it lacks some of the minor components that would make the prototype clean and reliable. | | |
| Project Summary:  The things the we still need to work on our: Estimated 70-80% of the major functionalities.  Also, we have updated some of the document. | | |
| **Milestone Deliverables performance reporting over last period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Prototype | 11/24/16 | 90% |  | | | |
| **Milestone Deliverables scheduled for completion over next period**   |  |  |  |  | | --- | --- | --- | --- | | Milestone Deliverables | Due Date | % Completed | Deliverable Status | | Milestone 1 | | | | | * Updating to Dynamic Forms | 11/24/16 | 100% | [**Finished**] | | * Inventory Module | 11/30/16 | 80% |  | | * Database revision | 11/21/16 | 100% | [**Finished**] | | Milestone 2 | | | | | * Documentation Revisions | 11/30/16 | 85% | [**On Schedule**] | | * Quality Plan | 11/30/16 | 80% | [**On Schedule**] | | * Software Requirement Specification | 12/04/16 | 90% | [**On Schedule**] | | * Change Management Plan | 12/04/16 | 100% | [**On Schedule**] | | | |
| **Project impact of milestone success or failure for project remainder**   |  |  | | --- | --- | | The team is currently studying and applying the dynamic module of yii2 for our system to support multiple orders/purchases | The schedule will adjust to give way to the inventory module | | | |
| **Project** **Budget/Financial Status**   |  |  |  |  | | --- | --- | --- | --- | | Budget Item | Planned Budget | Actual Cost | Variance/Explanation | |  |  |  |  | |  |  |  |  | | | |
| **Project Risk Management Status**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Risk and Description | Risk Chance | Risk Impact | Risk Priority | Change from Last Review | | Lack of Client interaction   * Client’s feedback | Medium | High | High |  | | Project Scheduling   * Timeline adjustments * Adjusting priority | Low | Medium | Medium |  | | | |
|  | | |
| **Project Recommendations**   |  | | --- | | * Will the project be completed on time and on budget? * Will the project deliverables be completed within acceptable quality levels? * Are scope change requests being managed successfully? * Are project issues and risks being addressed successfully and mitigated? * Are all customer concerns being addressed successfully?] | | | |
| **Objectives for Next Project Status Review**   |  | | --- | | To accomplish the major functionalities and 40% of the minor functionalities. | | | |
|  | | |



**PROJECT STATUS REPORT APPROVALS**

**Prepared by** Armersson Caguioa

Project Manager

**Approved by** Prof. Joe Gene Quesada   
Project Advisor

## 

## Vision and Scope Document

Vision and Scope Document

for

SOUTHMANSFIELD INVENTORY SYSTEM

Version 1.0 approved

Prepared by   
Felix Gregorio

Team AFKD

10/11/16

**Business Requirements**

South Mansfield Inventory System will establish in Southmansfield College through a web-based platform that will mainly suffice inventory needs of SMC. The setup of the project will be using the school’s main website that has an order form to utilize the system. The project will provide automation of manual works that causes delays in transactions which will increase their productivity and the students waiting time will dramatically decrease. The school management should approve the project in order for the project to be deployed and function.

**Background**

The fundamental of the project is to create a web-based Inventory management system that functions accordingly with the business process of the school. It includes Asset tracking, Service management, and Inventory analysis. It will eliminate loads of manual work and errors that could be costly for the business and lightens the operational load by automating and streamlining processes.

**Business Opportunity**

The school’s current inventory system is still operating manually that cost decrease of productivity and being inefficient. In order for the school to cope with the fast changing environment, the proposed system will solve most of the problems that the current inventory system is facing. In addition, the proposed system could identify different forecasting factors including key inventory optimization that affect the growth of the business.

**Business Objectives and Success Criteria**

The objective of the project is to create a web-based inventory system that features; Asset tracking where a specific product is in the store, it can be tracked via item number. It also has Service management that tracks sales and purchases. This way, they can see the in and out of items. And of course, Inventory optimization which means is a fully automated demand forecasting and inventory optimization system to attain key inventory optimization metrics such as: Reorder point, Order quantity, Lead demand, Stock cover, and others.

**Customer or Market Needs**

In order for students to be officially called students, most of the schools requires uniform that will identify them as a student. Most of the problems that a student encounter is the hassle of buying prerequisite items like uniform, books, and other mandatory stuff. To answer that problem, the school established a store like a one-stop-shop where all of the items that a students need is readily available but doing the transaction manually, errors and delays are inevitable. The project will automate the system that would be beneficiary for the business and also for the students. It will be operated using dynamic form that would be available in the school’s main web site. In pursuance of the project, the following requirements must be achieved:

1.) Access to the Internet  
2.) Access to the school’s website  
3.) Access to the school’s database

4.) School’s management approval

**Business Risks**

The problems that could possibly affect the project’s development is the lack of time finishing the project on time. There might be delays during the process of development but on the other hand, it will be perfect and functional. The implementation of the project still differs either if it’s going to be intranet based or web-based but most likely it will end up with web-based since intranet will be costly and will require additional computers around the campus which might also be a problem when technical errors happen on that terminal.   
  
The ultimate risk in developing the system is primarily its vulnerability on potential attackers that might cause serious problems within the system. To prevent this from happening, we will coordinately communicate with each other and divide the task accordingly and to further improve the system in order to prevent malicious attacks that could affect the system’s performance.

**Vision of the Solution**

The adaptability of the project will last long enough to sustain the school’s needs and with the improved frameworks of the project, it is guaranteed that it is going to be smooth throughout the years.

**Vision Statement**

We intend to provide our customers with the best online ordering experience from beginning to end, with a smart, searchable website, easy-to-follow instructions, and fast transactions.

**Major Features**

The following list are major features of the system:  
1.) Asset tracking  
2.) Service management  
3.) Inventory optimization

**Assumptions and Dependencies**

The project relies on the Yii framework technology that makes the system more flexible, easy-to-use, and secured. Furthermore, it can easily adapt with the fast changing environment using its extensions and plug-ins that would make the system more reliable.

**Scope and Limitations**

The scope of the proposed system are sales, inventory, and reporting modules. The sales module covers the offering of things or items. Inventory module monitors the assets and purchases. Reporting module covers the outline provides details regarding sales, and purchases.

## 

**Scope of Initial Release**

Asset tracking is the process of monitoring an organization’s assets, which is the first major feature of our prototype. Asset tracking plays an essential part in keeping any organization running smoothly.

In terms of service management, companies of all industries aim to cope with the fast changing technology. We came up with the idea for their service to improve efficiency by making the buying of items be faster and time-saving.

Inventory optimization is a method of balancing capital investment constraints or objectives and service-level goals over a large assortment of stock-keeping units while taking demand and supply volatility into account. Several companies have achieved financial benefits by employing inventory optimization.

**Scope of Subsequent Releases**

If the vision of the product is achieved, we are thinking that we can request kiosks within the school campus that will be using intranet so it can be accessible that operates the system and additionally the school could also use it on other purposes.

**Limitations and Exclusions**

Stakeholder might anticipate, probably a mobile feature which can be access only to the school’s website which is faster than accessing to a computer kiosk of the school.

## Statement of Work

**Statement of Work (SOW)**

**South Mansfield College**

**Roman Cruz Ave, Soldier Hills,**

**Muntinlupa City, Philippines**

**Date**

**October 13, 2016**

**Introduction/Background**

South Mansfield College has recently assigned the Inventory System of their shop to be developed by Team AFKD, information technology students of Asia Pacific College. The project will focus on building a web-based inventory system which provides a simplified and more user-friendly approach for the existing and potential users. The shop administrator required the team to include an ordering which handles customer orders and reporting module to generate excel reports for the shop’s inventory system.

**Scope of Work**

The scope of work for the Inventory System Project includes all the required modules: ordering, inventory and reporting. The Inventory System should contain the item descriptions, and complete inventory reports required by the client. The team AFKD will be responsible for analyzing, designing, and building the Inventory System. Each added feature in the prototype should be approved by the Team’s adviser. The systems developer and systems designer ensures that each requirement would be met, and should each requirement would be tested.

**Period of Performance**

The period of performance for the South Mansfield Inventory System began on August 3, 2016 through December 22, 2016. All necessary documents, diagrams, and the system itself should be completed within the given timeframe. Any modifications or extensions will be significant in the PBL 2 beginning next term, during Software Development.

**Place of Performance**

The Inventory System Project will perform a majority of the work at South Mansfield College’ shop. The shop administrator will be the main user of the system. All the team’s project reviews, weekly status meeting, and consultation will be done at Asia Pacific College. Once the project is finished, the system and all documentations will be given to South Mansfield College.

**Work Requirements**

As part of the Inventory System Project the Team AFKD will be responsible for performing tasks throughout various stages of this project. The following is a list of these tasks which will result in the successful completion of this project:

Kickoff:

* Project Manager will create and present detailed project plan including schedule, WBS, testing plan, implementation plan, training plan, and transition plan
* Project team will present project plan to adviser/client for review and approval

Research Phase:

* Systems research will work with adviser/client to gather information needed for the project
* Systems researcher will create document (project context, purpose and description, objectives, scope and limitations, related studies and related systems
* Present written document to adviser/client at weekly meeting

Design Phase:

* Systems developer and systems designer will work with adviser/client to gather requirements
* Systems developer and systems designer create site design based on collected requirements
* Systems developer and systems designer develop site design proposal for adviser/client review and approval
* Present system proposal to adviser/client at weekly meeting

Build Phase:

* Systems developer and systems designer will complete all coding for approved site design
* Systems developer will provide adviser/client with a detailed testing plan
* Systems developer will include all information provided by adviser/client on redesigned web site
* Systems developer will conduct testing
* Systems developer will resolve any coding and site issues identified in testing
* Systems developer will compile a testing report to present to adviser/client for review and approval
* Present system proposal to adviser/client at weekly meeting

Implementation Phase:

* Systems developer will implement the newly redesigned web site on adviser/client servers, if approved
* Systems developer will begin providing 24x7 web site support at this point forward until the end of the period performance
* Present status to adviser/client at weekly meeting

Training Phase:

* Systems analyst will provide training in accordance with approved training plan provided in the kickoff
* Present status to adviser/client at weekly meeting

Project Handoff/Closure:

* Systems analyst and systems researcher will provide adviser/client will all documentation in accordance with the approved project plan
* Project Manager will present project closure report to adviser/client for review and approval
* Quality assurance/control will complete the project requirements checklist showing that all project tasks have been completed
* Systems developer will conclude 24x7 web support at 11:59pm on the final day of the period of performance
* Present status to adviser/client at weekly meeting

**Acceptance Criteria**

For the South Mansfield College Inventory System Project the acceptance of all the deliverables will reside with SMC’s School head. The project manager will maintain a small group of 4 people in order to ensure the completeness of each stage of the project and that the scope of work has been met. Once a project phase is completed and the systems analyst provides his report/presentation for review and approval, the project manager will either sign off on the approval for the next phase to begin, or reply to the quality assurance/control, in writing, advising what tasks must still be accomplished.

Once all project tasks have been completed, the project will enter the handoff/closure stage. During this stage of the project, Team AFKD will provide their project closure report and project task checklist to project manager. The acceptance of this documentation by SMC’s school head will acknowledge acceptance of all project deliverables and that the vendor has met all assigned tasks.

Any discrepancies involving completion of project tasks or disagreement between SMC and the chosen team will be referred to both organizations’ contracting offices for review and discussion.

Other Requirements

**Acceptance**

Approved by:

Date: 10/13/2016

Rolly Donato

School Head / Principal

## Work Breakdown Structure

## 15435802_120300001108317932_1313845740_n.jpgGantt Chart



## Software Requirement Specification

**Software Requirements**

**Specification**

**for**

**Southmansfield**

**Version 2.0approved**

**Prepared by Daveson Romblon**

**Team AFKD**

**October 23, 2016**

**1. Introduction**

This section gives a scope description and overview of everything included in this SRS document. Also, the purpose for this document is described and a list of abbreviations and definitions is provided.

**1.1 Purpose**

The purpose of this document is to give a detailed description of the requirements for the “Southmansfield Inventory System”. This will illustrate the purpose and complete declaration for the development of the system. This will also explain the required tool with other external applications. This document is primarily intended to be proposed to a customer for its approval and a reference for developing the first version of the system for the development team.

**1.2 Document Conventions**

* *Order Item*

When clicked, user will be directed to the page where he/she will select the item to be ordered.

* *View Item*

When clicked, cashier will be able to view the available products.

**1.3 Intended Audience and Reading Suggestions**

This documents is intended for the Administrator and the User of the School in Southmansfield College. The rest of the Software Requirements Specification documents contains the overall description of the product such as its functions and user classes, the external requirements of the product which explains the walkthrough of the product and how the product came to be, and also all other requirements the product needs for its functionality.

**1.4 Product Scope**

The scope of work for the Inventory System Project includes all the required modules: ordering, inventory, and reporting. The Inventory System should contain the item descriptions, and complete inventory reports required by the client. The team AFKD will be responsible for analyzing, designing, and building the Inventory System. Each added feature in the prototype should be approved by the Team’s adviser. The systems developer and systems designer ensures that each requirement would be met, and each requirement would be tested.

**1.5 References**

1. Southmansfield. **Vision and Scope document,**

*http://projects2.apc.edu.ph/wiki/index.php/Project\_-\_Southmansfield\_-\_115#Vision\_and\_Scope\_document*

1. Southmansfield. **Wiki Page,**

<http://projects2.apc.edu.ph/wiki/index.php/Project_-_Southmansfield_-_115>

1. Southmansfield. **Change Management Plan**

*http://projects2.apc.edu.ph/wiki/index.php/Project\_-\_Southmansfield\_-\_115#Change\_Management\_Plan*

1. Southmansfield. **Quality Plan**

*http://projects2.apc.edu.ph/wiki/index.php/Project\_-\_Southmansfield\_-\_115#Quality\_Plan*

1. Southmansfield. **Statement of Work**

*http://projects2.apc.edu.ph/wiki/index.php/Project\_-\_Southmansfield\_-\_115#Statement\_of\_Work*

**2. Overall Description**

**2.1 Product Perspective**

The Southmansfield Inventory System is a new system that replaces the current manual and inventory processes for the ordering and delivering of items in the school. The system is expected to evolve over several releases, ultimately connecting to the Internet ordering services

**2.2 Product Functions**

With the web-based application, the users will have to log in their school account and be able to order for the required items. The result will be based on the criteria of the user inputs. There are several search criteria and it will be possible for the admin of the system to manage the options for those criteria that have that. The result of the supplies will be viewed in a list view, depending on what criteria are included in the supply. The result for available items will also be viewed in a list view.

**2.3 User Classes and Characteristics**

There are three types of users who will interact with the system: users who will order items, the cashier who will manage the customers, and the administrator who will manage the supplies.

**2.4 Operating Environment**

The system will run and use programming languages: PHP, CSS, HTML; and the specific software that will be used is Yii2 Framework. For the web server Application: XAMPP Control Panel and for the Operating System it will be neither Windows7, Windows8, Windows8.1, Windows10.

**2.5 User Documentation**

Other than this document, other documentations were also delivered for this product one of which is found in projects2.apc.edu.ph/wiki under CSPROJ2 projects. Status reports on changes happened to the product are weekly documented. Also, documents can be found on GitHub.

**2.6 Assumptions and Dependencies**

Since the product is available only to Southmansfield College, future updates will expand the product’s clients. When the system is integrated, continued maintenance ex also expands with the product’s scope. The product will be integrated in Southmansfield College’s system.

**3. External Interface Requirements**

**3.1 User Interfaces**

For the software to be used, the user must first login to the Southmansfield Website. If the user is the Administrator, he/she would be able to access all software control. He/she would be able to view the data necessary for viewing stocks and sales.

**3.2 Hardware Interfaces**

The hardware components used for the product is a “Dual Core CPU 2.0GHz” (Minimum required) processor and an 4GB RAM.

**3.3 Software Interfaces**

The product was created through a PHP framework called Yii2 (pronounced Yee), a cross-platform web server XAMPP, MySQL for the database, HTML, CSS, and PHP and all possible web browser that a user may use.

3**.4 Communications Interfaces**

The product is most likely to be used by the school’s old inventory system. Their website would be used as means for communication. Google Chrome, Mozilla Firefox, and Microsoft Edge are the most used browsers right n ow to which this maybe be used by the users of the product or the school itself. Since the products are integrated to the school’s website, it could only be accessed within school territory because intranet is used.

**4. System Features**

Just like an ordinary inventory system, the product’s number one feature is fast and efficient ordering process because it’s an automated system. Other features include viewing of item available.

**4.1 Online Inventory System**

1. Description and Priority

This feature is the main priority of the product by which this is what the product do. Framework is used to manipulate the intended item to be ordered for each user of the school.

1. Stimulus/Response Sequences

The user must first review the necessary items to be bought. Once finished the user will tag which item will be ordered then the system will process it.

1. Functional Requirements

REQ-1: Criteria – these data are required in the system in order to generate the certain order.

REQ-2: TBD

**4.2 Viewing of Available Items and ordered items.**

1. Description and Priority

Admin may view the respective ordered items and for them to review so they may request needed supplies. This is high priority since the admin has the decision whether to view the ordered items or not but still necessary.

For the user, they may view the available items for their needs.

1. Stimulus/Response Sequences

When viewing is done, the user may order the item that is needed and car their ordered items to the cashier.

**5. Other Nonfunctional Requirements**

**5.1 Performance Requirements**

The product should be able to provide the admin an accurate output of revenue, low stocks in inventory, orders, total items. For the employees, they can add available item to order and view items.

**5.2 Safety Requirements**

All items must be properly picked/ordered to prevent a repetitive log-in that would waste time. The items provided must also be precise when it has been searched. This product highly gives importance to its criteria.

**5.3 Security Requirements**

The product is only for Southmansfield College’s Inventory System, all the information is kept in the system itself or the database. Only the Administrator can see these constraints like revenue, stocks, and items. The system will also be accessible within the school’s premises since the school’s website uses intranet.

**5.4 Software Quality Attributes**

The product has an easy process for use. All the admin needs are the important data that shall be requested for the supplier. The product is only available to Southmansfield College’s Inventory System, but the developments will further push the product to the other system if they have any. Maintenance is necessary since updates usually happens after the course of months.

**5.5 Business Rules**

* The Administrator must update the database (available items), stocks, revenue, and orders.
* The Employee can only add items and view items.

**6. Other Requirements**

Other requirements for the product is yet to be announced but we update the database for new orders or the admin can do it. Even though the product is limited only within the school’s premises, the team is aiming to have it accessible outside the school.

Appendix A: Glossary

Appendix B: Analysis Model

Appendix C: To Be Determined List

## Change Management Plan

**CHANGE MANAGEMENT PLAN**

<SOUTHMANSFIELD>

**SOUTH MANSFIELD COLLEGE**

**Soldiers Hills, A. Roman Cruz Avenue, Putatan,**

**Muntinlupa, 1772**

**DATE**

**December 14, 2016**

**INTRODUCTION**

The Change Management Plan was created for the South Mansfield College Inventory System in order to set expectations on how the approach to changes will be managed, what defines a change, the purpose and role of the change control board, and the overall change management process. All stakeholders will be expected to submit or request changes to the South Mansfield College in accordance with this Change Management Plan and all requests and submissions will follow the process detailed

**CHANGE MANAGEMENT APPROACH**

This section describes the approach the organization will use for managing change throughout the project. Throughout a project’s lifecycle there may be very few or very many submitted changes. The approach taken to manage these changes must be consistent and repeated in order to provide a quality change management plan and process.

The Change Management approach for the South Mansfield Inventory System will ensure that all proposed changes are defined, reviewed, and agreed upon so they can be properly implemented and communicated to all stakeholders. This approach will also ensure that only changes within the scope of this project are approved and implemented.

The Change Management approach is not to be confused with the Change Management Process which will be discussed later in this plan. The Change Management approach consists of three areas:

• Ensure changes are within scope and are beneficial to the project

• Determine how the change will be implemented

• Manage the change as it is implemented

The Change Management process has been designed to make sure this approach is followed for all changes. By using this approach, the team will prevent unnecessary change from occurring and focus its resources only on beneficial changes within the project scope.

**DEFINITIONS OF CHANGE**

This section defines the different types of changes that may be requested and considered for the project. These changes may include schedule change, budget change, scope change, or project document changes. Most changes will impact at least one of these areas and it is important to consider these impacts and how they will affect the project.

There are several types of changes which may be requested and considered for the South Mansfield Inventory System Project. Depending on the extent and type of proposed changes, changes project documentation and the communication of these changes will be required to include any approved changes into the project plan and ensure all stakeholders are notified.

**Types of changes include**:

• **Scheduling Changes**: changes which will impact the approved project schedule. These changes may require fast tracking, crashing, or re-baselining the schedule depending on the significance of the impact.

• **Budget Changes**: changes which will impact the approved project budget. These changes may require requesting additional funding, releasing funding which would no longer be required, or adding to project or management reserves - May require changes to the cost baseline.

• **Scope Changes**: changes which are necessary and impact the project’s scope which may be the result of unforeseen requirements which were not initially planned for. These changes may also impact budget and schedule. These changes may require revision to WBS, project scope statement, and other project documentation as necessary.

• **System Changes**: changes that impact to the technical background which may be a result of higher expense. The user interface design and the process of computation is also included in this change.

The project manager must ensure that any approved changes are communicated to the project stakeholders. Additionally, as changes are approved, the project manager must ensure that the changes are captured in the project documentation whereas necessary. These document updates must then be communicated to the project team and stakeholders as well.

**CHANGE CONTROL BOARD**

This section describes the Change Control Board, the purpose of the board, and the members and their roles on the board. The change control board is the approval authority for all proposed project changes. If a change is not approved by the control board then it will not be implemented with the project. The size and function of change control boards may vary depending on the organization but their purpose and the roles and responsibilities are consistent.

The Change Control Board (CCB) is the approval authority for all proposed change requests pertaining to the IS Project. The purpose of the CCB is to review all change requests, determine their impact on the project risk, scope, cost, and schedule, and to approve or deny each change request. The following chart provides a list of the CCB members for the South Mansfield Inventory System Project:

|  |  |  |
| --- | --- | --- |
| **Name** | **Position** | **CCB Role** |
| Joe Gene Quesada | Project Adviser | CCB Consultant |
| Armersson Caguioa | Project Manager | CCB Chair |
| Felix Gregorio | Project Researcher | CCB Co-Chair |
| Daveson Romblon | Project Analyst | CCB Member |
| Karlo Luigi Mendoza | Project Designer | CCB Member |

As change requests are submitted to the Project Manager by the project team, the Project Manager will log the requests in the change log and the CCB will convene every other Friday to review all change requests. For a change request to be approved, all CCB members must vote in favor. In the event more information is needed for a particular change request, the request will be deferred and sent back to the requestor for more information or clarification. If a change is deemed critical, an ad hoc CCB meeting can be called in order to review the change prior to the next scheduled bi-weekly CCB meeting.

**ROLES AND RESPONSIBILITIES**

The following are the roles and responsibilities for all change management efforts related to the Project:

Project Manager:

• Approves all changes to budget/funding allocations

• Approves all changes to schedule baseline

• Approves any changes in project scope

• Chairs the CCB

Project Researcher:

• Receives and log all change requests from project stakeholders

• Conducts preliminary risk, cost, schedule, scope analysis of change prior to CCB

• Seeks clarification from change requestors on any open issues or concerns

• Makes documentation revisions/edits as necessary for all approved changes

• Participates on CCB

Project Team/Stakeholders:

• Submit all change requests on standard organizational change request forms

• Provide all applicable information and detail on change request forms

• Be prepared to address questions regarding any submitted change requests

• Provide feedback as necessary on impact of proposed changes

**CHANGE CONTROL PROCESS**

The Change Control Process for the IS Project will follow the organizational standard change process for all projects. The project manager has overall responsibility for executing the change management process for each change request.

1) Identify the need for a change (Stakeholders) – Change requestor will submit a completed change request form to the project manager.

2) Log change in the change request register (Project Manager) – The project manager will keep a log of all submitted change requests throughout the project’s lifecycle.

3) Evaluate the change (Project Manager, Team, Requestor) – The project manager will conduct a preliminary analysis on the impact of the change to risk, cost, schedule, and scope and seek clarification from team members and the change requestor.

4) Submit change request to CCB (Project Manager) – The project manager will submit the change request, as well as the preliminary analysis, to the CCB for review.

5) Obtain Decision on change request (CCB) – The CCB will discuss the proposed change and decide whether or not it will be approved based on all submitted information.

6) Implement change (Project Manager) – If a change is approved by the CCB, the project manager will update and re-baseline project documentation as necessary.

**SPONSOR ACCEPTANCE**

Approved by the Project Sponsor:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

<Project Sponsor>

<Project Sponsor Title>

## Quality Plan

**Quality Plan**

*Southmansifield Inventory System*

**1. Introduction**

This document, together with other referenced documents, defines the responsibilities and procedures to be adopted to ensure that the data and information produced as part of Project 155 are reliable, fit for the purpose, and consistent with documented objectives and deliverables. It summarizes the system of internal management that governs the decisions and instructions concerning project quality assurance.

**2. Project Contractual Information**

|  |  |
| --- | --- |
| Project: | Southmansfield |
| Project Number: | 115 |
| Programme Co-ordinator: | Mr. Joe Gene Quesada |
| Principal Investigators(s): | Mr. Manuel Sebastian |

**3. Scope of Work and Quality Objectives**

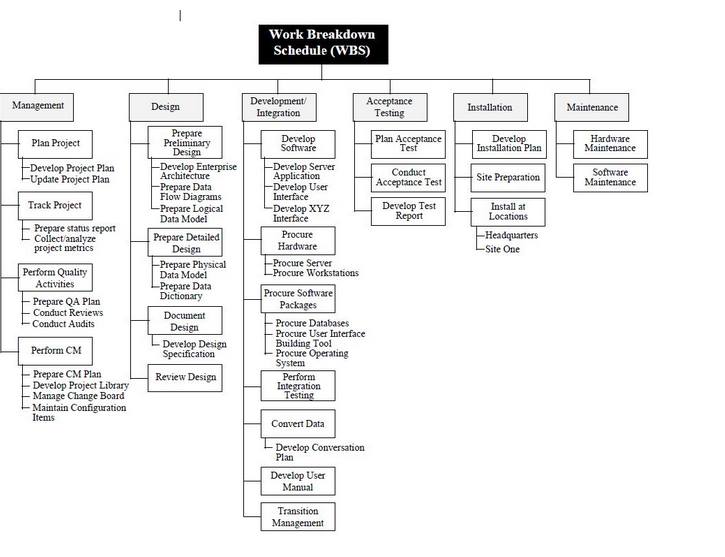
|  |  |
| --- | --- |
| Scope of work: | The scope of work for the Inventory System Project includes all the required modules: ordering, inventory, and reporting. The Inventory System should contain the item descriptions and complete inventory reports required by the client. The team AFKD will be responsible for analysing, designing, and building the Inventory System. Each added feature in the prototype should be approved by the Team’s Adviser. The system’s developer and system’s designer ensure that each requirement would be met, and each requirement would be tested. |
| QA Requirement: | To communicate more effectively with the client and redesign and publicise a new customer friendly website. |

**4. Project Organization**

|  |  |
| --- | --- |
| Project Manager(s): | Armersson Caguioa |
| Task Manager(s): | Felix Gregorio |
| Quality Assurance: | Armersson Caguioa  Felix Gregorio |
|  |  |
| Other Team Members: | Daveson Romblon  (Project Analyst)  Karlo Luigi Mendoza  (Project Designer) |
| User Community: | Southmansfield College |
| Technical Reviews: | Mr. Joe Gene Quesada |

**5. Project Duration and Scheduling**

|  |  |
| --- | --- |
| Start Date: | August 22, 2016 |
| Completion Date: | Pending |
| Scheduling of Activities: |  |



**6. Deliverables**

Deliverables specified for the project include:

a. Running System

b. Project’s Wiki

c. Project’s GitHub

d. Project’s OneNote

e. Progress Report

f. Vision and Scope Document

g. Project Statement of Work

h. Work Breakdown Structure

i. Gantt chart

j. Software Requirements Specification

k. Change Management Plan

l. Quality Plan

m. UML Diagrams

**7. Review of Quality Plan**

The team will review and will follow the quality plan provided by different quality gurus and will analyze the system once every three months.

**8. Document and Record Control**

Project documents, data, and records will be gathered in Asia Pacific College(APC) by team A.F.K.D. The document also must be labelled and organized properly and must be readily available for consultation by all members of team A.F.K.D. All documents will be uploaded to the Projects Wiki page of APC and frequently backed up by the individual members of the team.

The Quality Plan and Data Management Plan will be issued to all members of the consortium.

Project Progress Reports will be issued to the following:

Armerson Caguioa

Felix Gregorio

Daveson Romblon

Karlo Luigi Mendoza

Prepared by: Date: 11/24/2016

Daveson Romblon

Checked by: Date: 11/24/2016

Felix Gregorio

Approved by: Date: 11/24/2016

Mr. Manuel Sebastian

## 

## User Manual

**General Information**

General information section explains in general terms the system and the purpose for which is intended.

**System Overview**

South Mansfield Inventory System is a intranet-based application which handles the operational processes that shop caters and enhances the current system of the shop. This application can be run on any web browser.

**Organization of the Manual**

User’s manual consists of five sections: General Information, System Summary, Getting Started, and Using The System.  
General Information section explains in general terms the system and the purpose for which it is intended. System Summary section provides a general overview of the system. The summary outlines the uses of the system’s hardware and software requirements, system’s configuration, and user access level. Getting Started section explains how to register and login to the system. The section presents system menu briefly. Using The System section provides a detailed description of system functions.

**System Summary**

This section provides a general overview of the system. The summary outlines the uses of the system’s hardware and software requirements, system’s configuration, and user access levels.

**System Configuration**

South Mansfield Inventory System operates on desktop and laptop devices with Windows or Mac OS. The application requires connection to a network in order to manage the orders, products, category, brand(admin only),viewing and creating of orders (admin and normal users) data from database. Data saved in database can be seen using any major Internet browser. After ordering, the processed information would be accessible and could generate reports.

**User Access Levels**

Everyone can use application. Normal users are able view data from database, and admin can retrieve, manipulate, save, and view data from database.

**Getting Started**

This section explains how to register and login to the system. The section presents system menu briefly.

Registration and Logging In

To log in, the user must enter his/her username and password.

**System Menu**

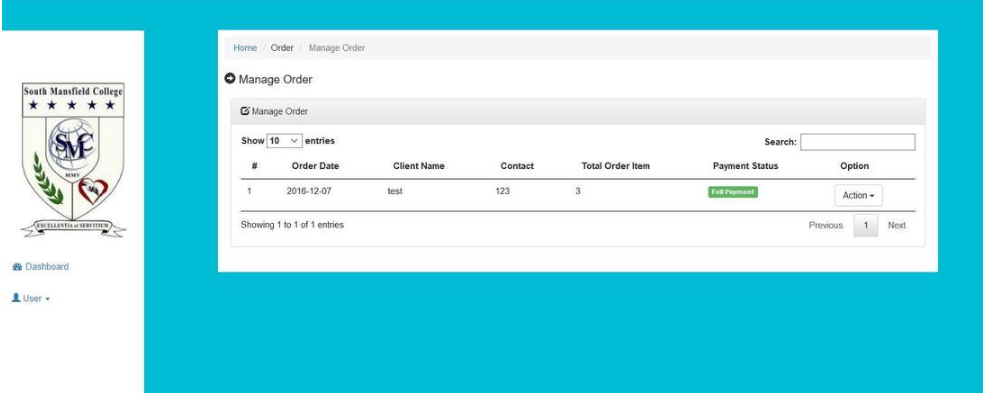
South Mansfield Inventory System is a intranet-based application, consisting of a navigation bar. First option is the user could access the dashboard. If the user is admin he could also access the brand, category, products, reports, and logout. While the cashier user could only access the dashboard, view products, and create order.

****

***Navigation Bar***

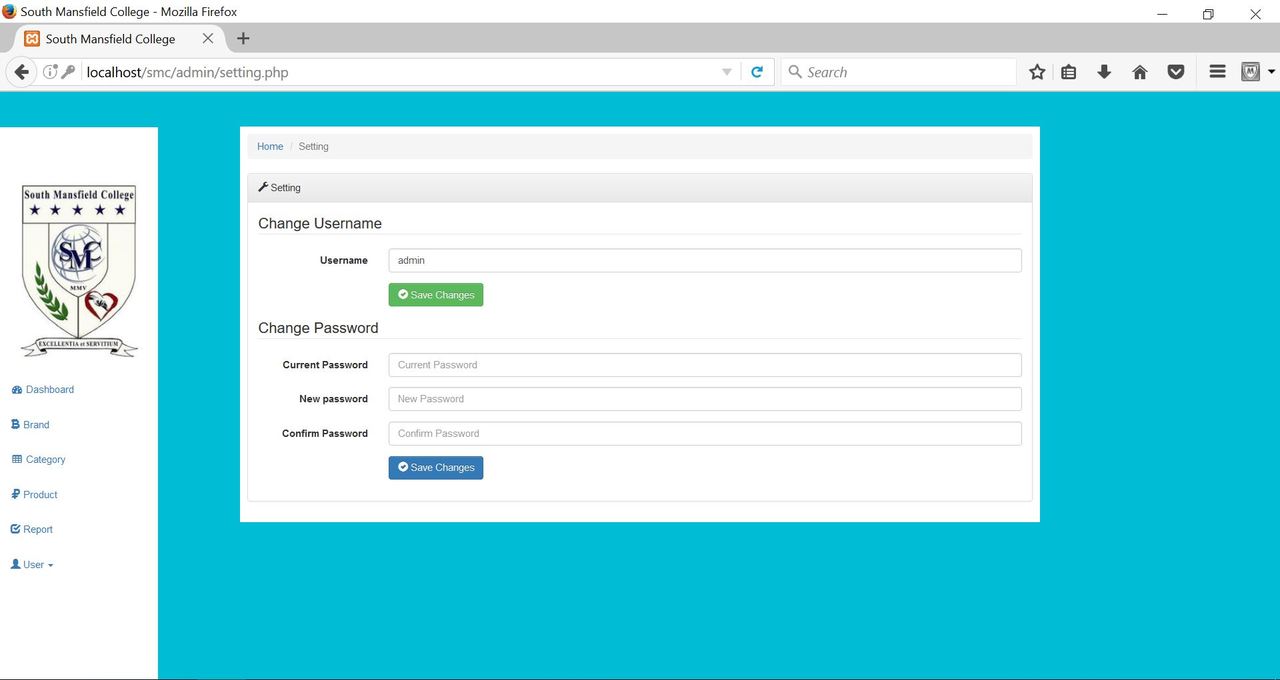
**Sample Page**

The following are the different pages depending on the type of user currently logged into the system. The following page is the cashier user’s page of South Mansfield Inventory System. The page consists of only view products, create orders, and logout.

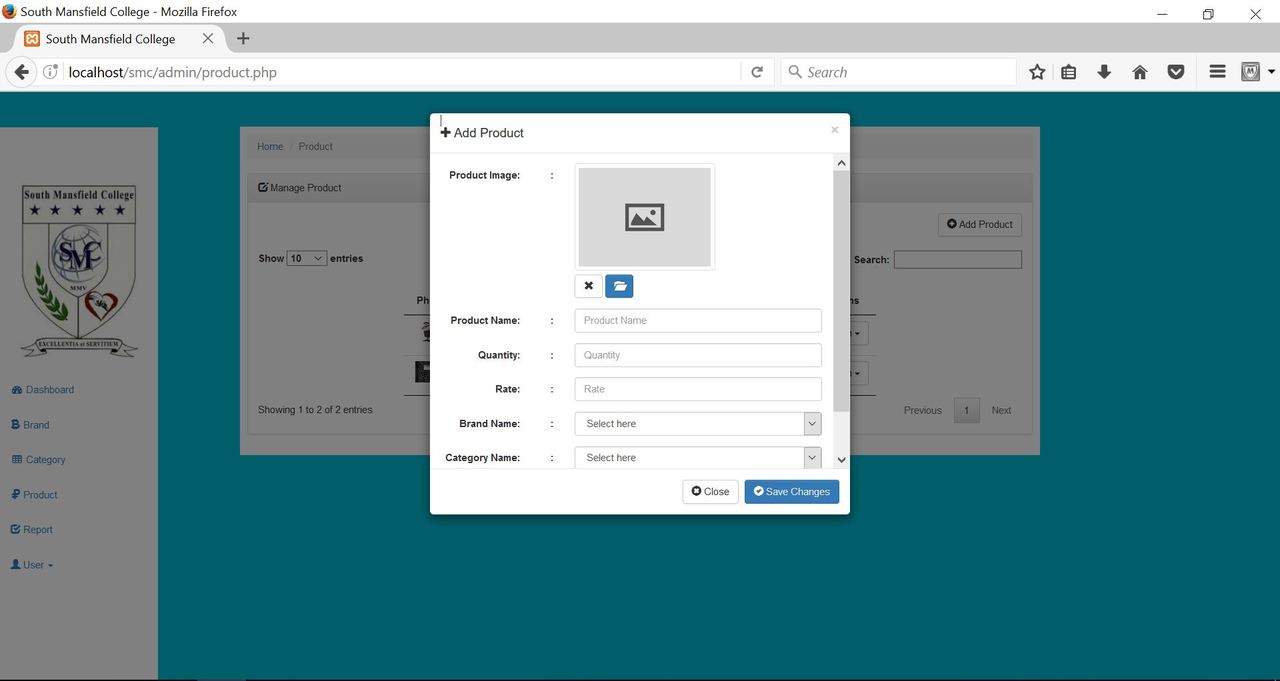
****

***Page for Cashier User***

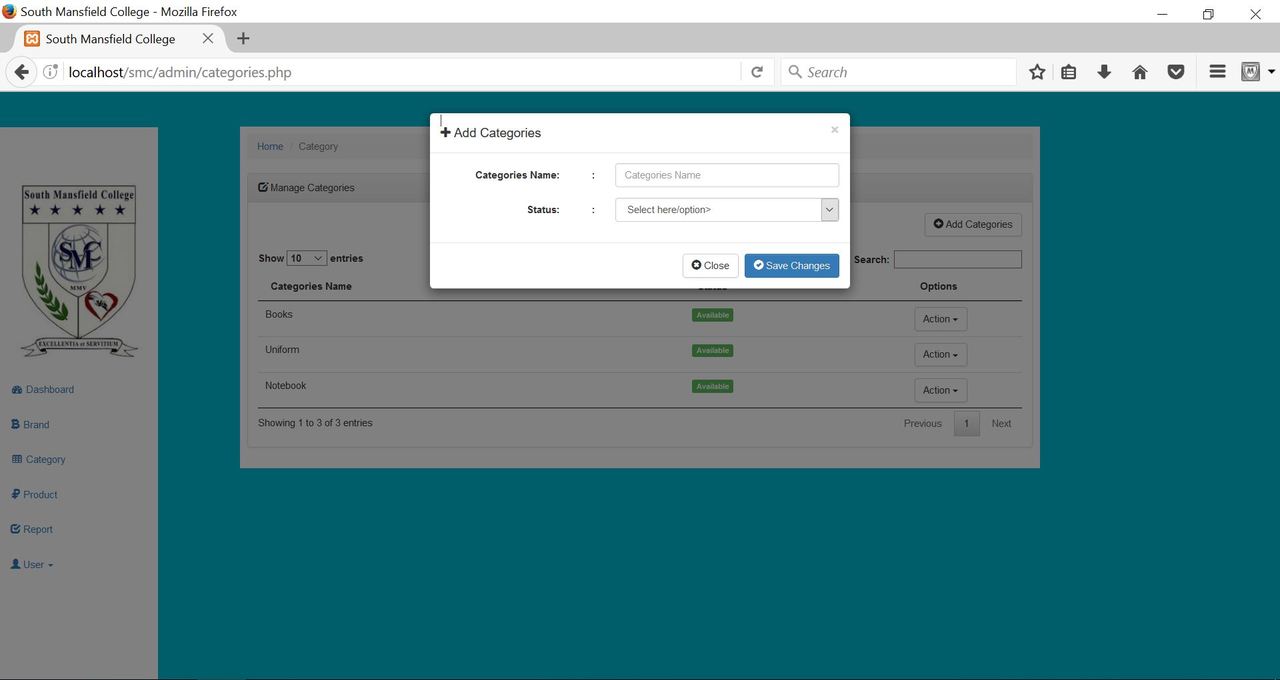
**Changing User ID and Password**

****

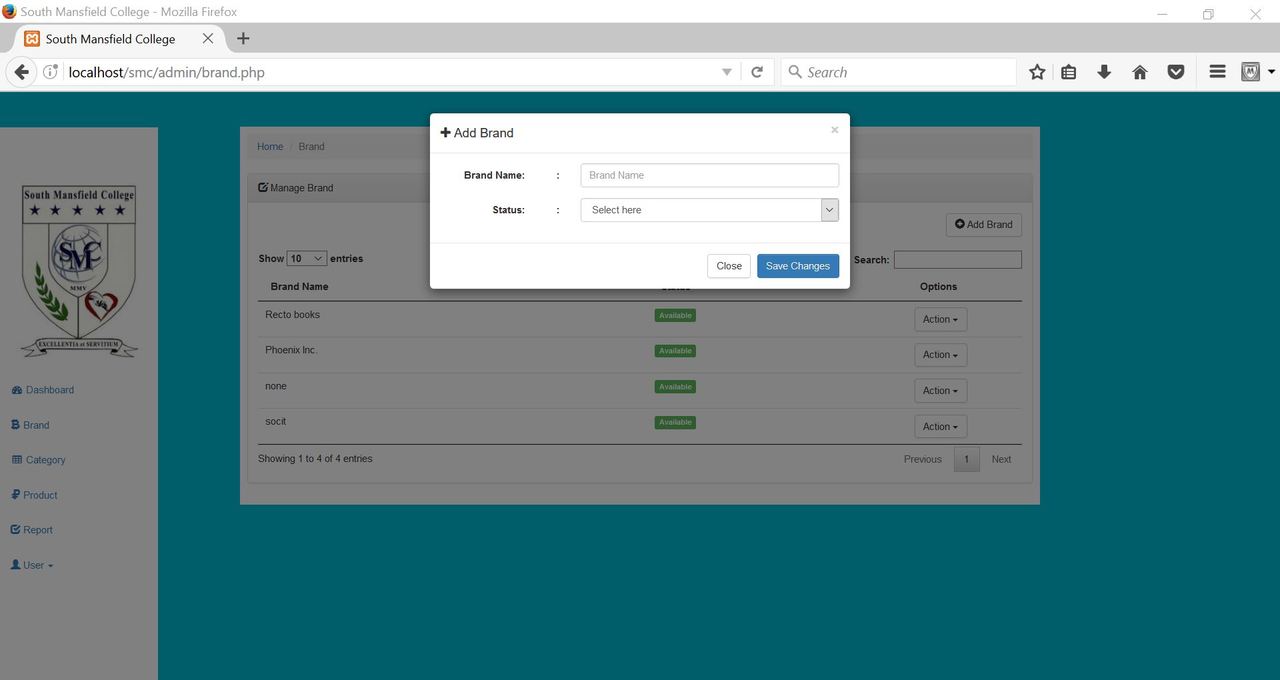
**Adding of Product**

****

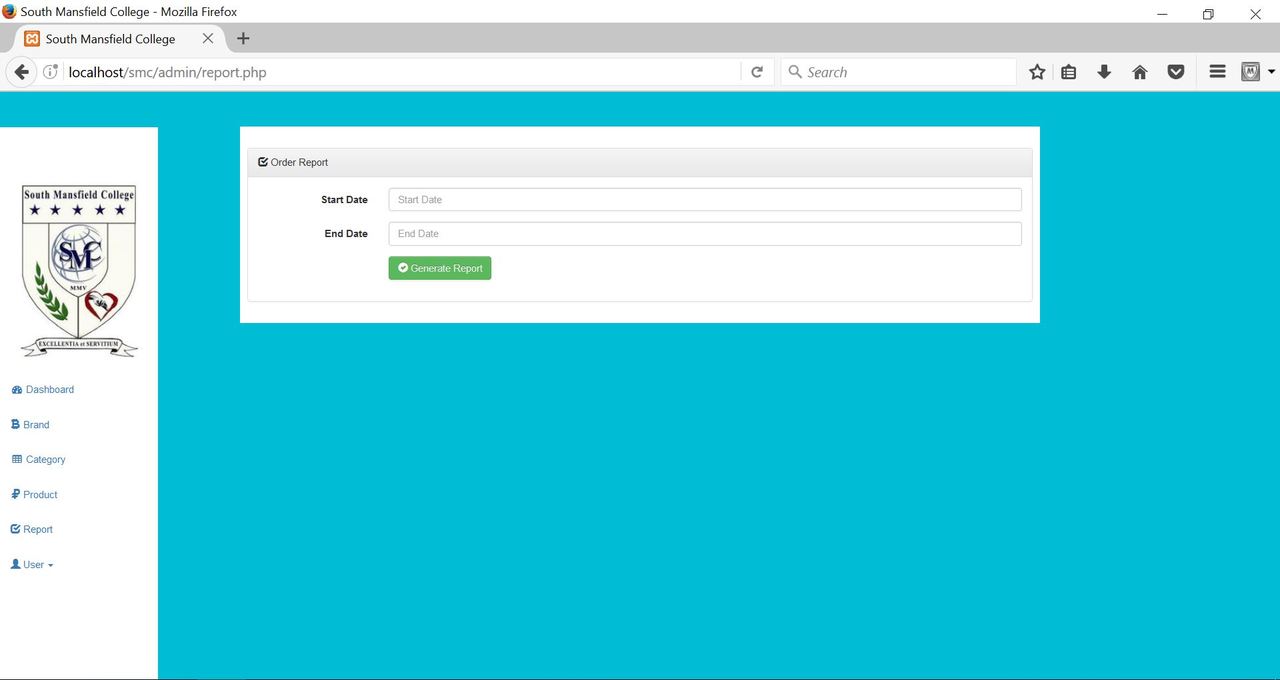
**Creating of Category**

****

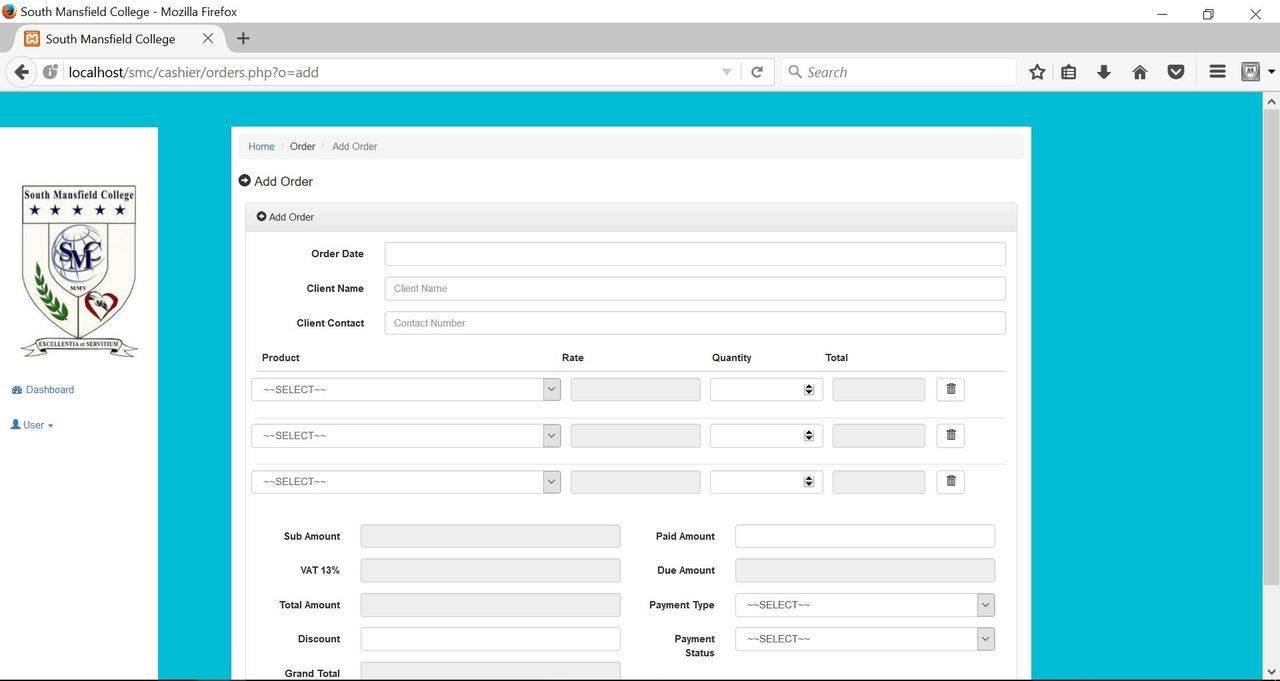
**Creating of Brand**

****

**Generate Reports**

****

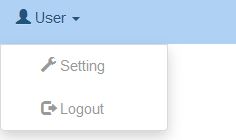
**Creating or order**

****

**Updating/Deleting of modules**

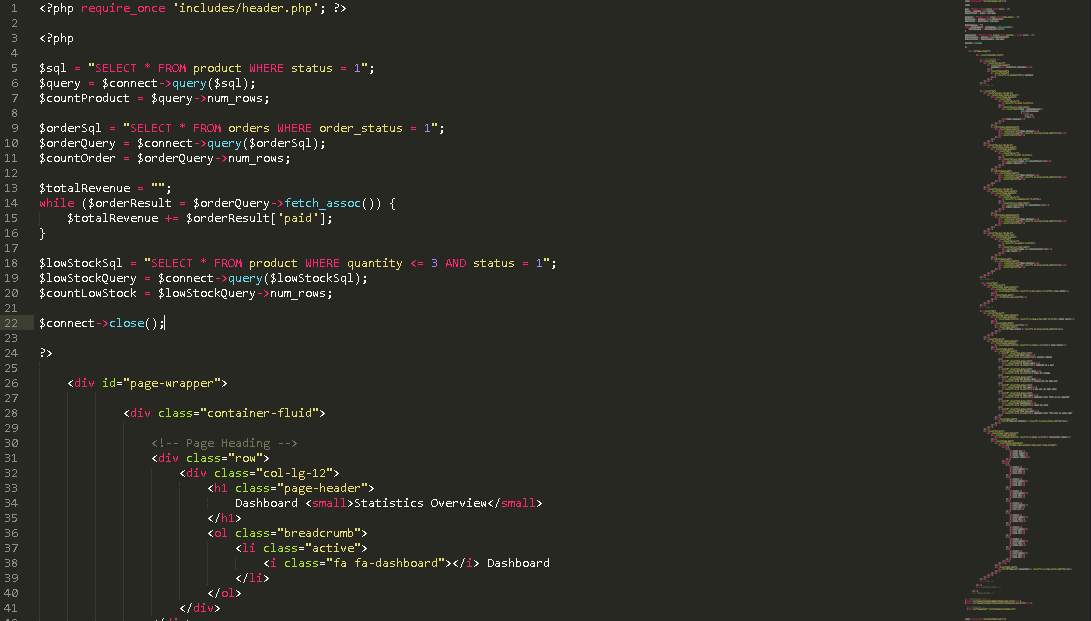
****

**Log out**

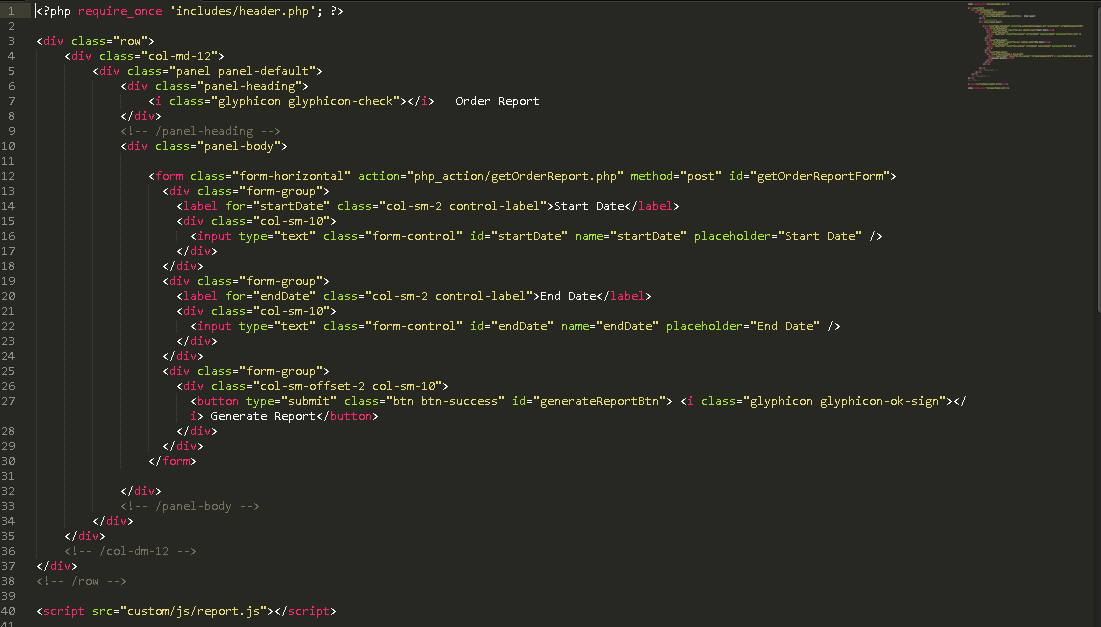
****

## Relevant Source codes

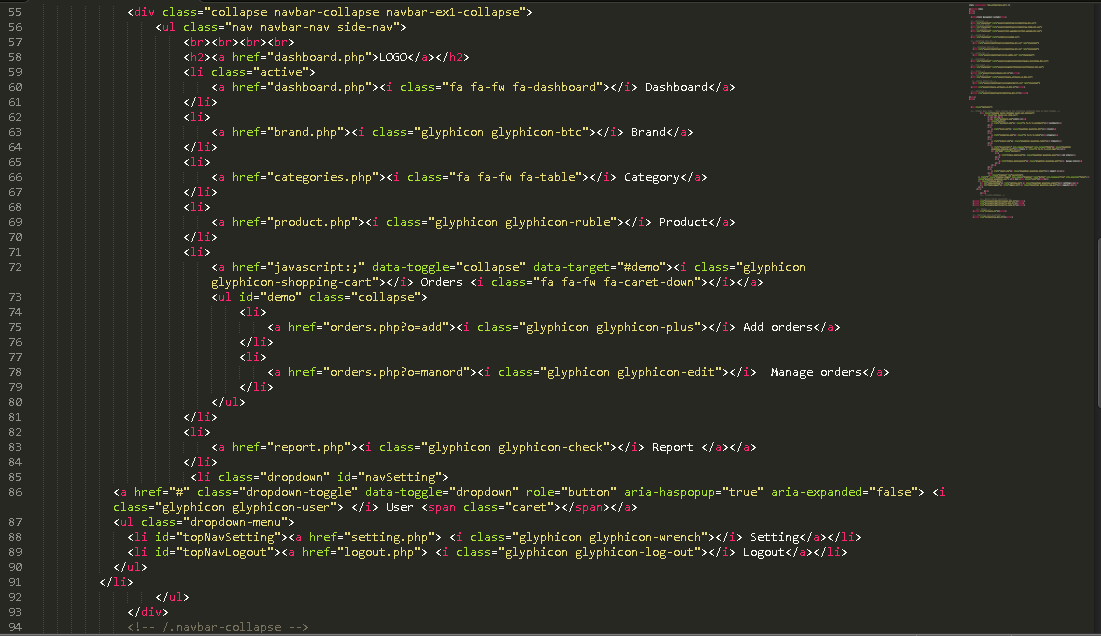
ADMIN DASHBOARD



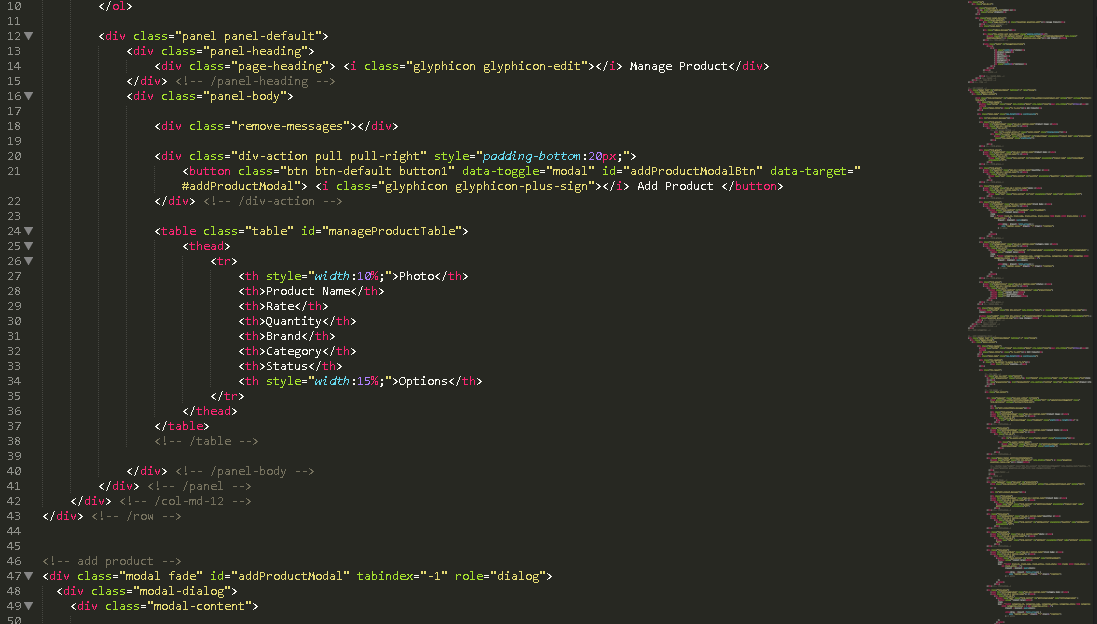
#### ORDERING REPORTS



#### HEADER NAVIGATION



#### PRODUCTS



## Curiculum Vitae:

****

**FELIX GREGORIO**

613 Porsche Drive, Camella Homes, Sucat, Paranaque

peliksgreg@gmail.com

0975-755-437-1

**OBJECTIVE:**

A managerial intern position where I can fully utilize my skills while making a significant contribution to the success of the company

**EDUCATIONAL BACKGROUND:**

Tertiary

Asia Pacific College

Magallanes, Makati City

Bachelor of Science in Information Technology Major in Mobile Internet (undergraduate)

June 2014-Present

Secondary

Sampaguita National High School

Laguna, San Pedro City

2010- March 2014

Elementary

St. John the Baptist Catholic School

Manila, San Juan City

2004-20010

**CERTIFICATIONS:**

Microsoft Virtual Academy: Best build of Windows 10

Microsoft Virtual Academy: Database Fundamentals

Microsoft Virtual Academy: Hora do Código com o TouchDevelop

Microsoft Virtual Academy: Learn Better,Teach Better with Office365

Microsoft Technology Associate: Security Fundamentals

**ORGANIZATIONS:**

Microsoft Community: Logistics trainee

Pwersa MMA: Member

JPCS: Member

**RELATED SKILLS:**

Public Speaking Skills (Memorized, Impromptu)

Research Writing Skills

Technical Skills (MS Word, Excel, PowerPoint, Photoshop, Visual Basic)

Coding knowledge (HTML, CSS, MySQL, DB2, Java)

**CHARACTER REFERENCES:**

Mr. Alfredo Calimbo (Academic)

College Instructor

Asia Pacific College

Mr. Jess Gregorio (Religious)

Coordinator (Parish Youth Council)

Kids for Christ

gregoriojess@yahoo.com

Mr. Darwin Tamban (Civic)

IT specialist

d.tamban@facebook.com

 **DAVESON ROMBLON**

427 D Libertad Street Pasay City

romblondaveson@gmail.com

09298413984

**OBJECTIVE:**

My goal is to obtain a dynamic, challenging opportunity that contributes to the outstanding success of the business via 5+ years Information Technology experience from various global industries.

**EDUCATIONAL BACKGROUND:**

Tertiary

Asia Pacific College

Magallanes, Makati City

Bachelor of Science in Information Technology Major in Mobile Internet (undergraduate)

June 2014-Present

Secondary

St. Mary’s Academy

Libertad, Pasay City

2010-2014

Elementary

Southeastern College

Burgos, Pasay City

2004-2008

St. Mary’s Academy

Libertad, Pasay City

2008-2010

**CERTIFICATIONS:**

Microsoft Virtual Academy: Best build of Windows 10

Microsoft Virtual Academy: Database Fundamentals

Microsoft Virtual Academy: Better with Office365

Microsoft Technology Associate: Security Fundamentals

**ORGANIZATIONS:**

Microsoft Community: Membership trainee

**RELATED SKILLS:**

Public Speaking Skills (Memorized, Impromptu)

Research Writing Skills

Technical Skills (MS Word, Excel, PowerPoint, Use of Internet search engines, Email)

Coding knowledge (HTML, CSS, MySQL, DB2, Java)

**CHARACTER REFERENCES:**

**Mr. Christian Fruto (Academic)**

**College Instructor**

**Asia Pacific College**

**09467553600**

**Mr. Alfredo Calimbo (Academic) College Instructor**

**Asia Pacific College**

**Caguioa, Armersson E.**

4346c Montojo St., Brgy Sta. Cruz, Makati City

armersson@gmail.com

09279079073

**OBJECTIVE:**

Seeking on a suitable intern position where I could practice my knowledge with a team of experienced professionals for individual as well as corporate development.

**EDUCATIONAL BACKGROUND:**

Tertiary

      Asia Pacific College

      3 Humabon Place, Magallanes Vlg., Makati City

      Bachelor of Science in Information Technology

Major in Mobile and Internet Technology

June,2017 – anticipated date of Graduation

Secondary

      South Mansfield College

Soldiers Hills, A. Roman Cruz Avenue,

Putatan, Muntinlupa, 1772 Metro Manila

      2010-2014

**CERTIFICATION:**

      Honor Student at Asia Pacific College, A.Y. 2014-2015

      Class Salutatorian

      Microsoft Technical Associate- Security Certified

**ORGANIZATIONS:**

Microsoft Community 2015 up to present

JPCS 2014-2015

**RELATED SKILLS:**

Research  
Writing Skills

Technical  
Skills (MS Office, Java C++, C#, HTML, MySQL, Php, SAP,Android Studio, java)

Familiar  
to different Windows OS( 2000, XP, Vista, 7, 8, 8.1, 10), and Linux( Ubuntu,  
Redhat, Kali)

MENDOZA, KARLO LUIGI D.

P48-09 6TH 13TH ST. VILLAMOR AIR BASE,

PASAY CITY

kdmendoza@student.apc..edu.ph

09169840538

OBJECTIVE: To have a better job after my studies, to enhance my skills in in the industry and to be a skilled IT person for the next 3 years.

EDUCATIONAL BACKGROUND:

Tertiary:

Asia Pacific College

#3 Humabon Place , Magallanes vlg,. Makati City

Bachelor of Science in Information Technology

Major in Mobile and Internet Technology

June 2017 – anticipated date of Graduation

Secondary

Basa Air Base High School

Basa Air Base, Floridablanca , Pampanga

2009-2013

ORGANIZATION:

JPCS 2013-2014

RELATED SKILLS

Research

Technical Skills ( MS Office, Java, HTML, PHP, SAP, ANDOID STUDIO)

Familiar to different Windows OS( XP, Vista, 7, 8, 10, ) Linux (Redhat)