

INTEGRATED SYSTEM PROJECT (IT299N)

FINAL REPORT

SESSION : JANUARY – APRIL 2019



SEGi
College

Penang

A member of
SEGi University Group

| | |
|----------------|--------------|
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| Assignment Title | : | FINAL REPORT |
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| Due Date | : | 14 th April 2019, 6.00pm |
| College | : | SEGI COLLEGE, PENANG |

Declaration by student:

I, NG YUAN SHEN, hereby declare that the attached assignment is my own work and understand that if I am suspected of plagiarism or another form of cheating; my work will be referred to the lecturer who may, as a result recommend to the Examinations Board that my enrolment in the programme be discontinued.

Date 12/4/2019

Signature of student

| DIIT | |
|---|--------------------|
| Integrated Systems Project(IT299) | |
| Documentation | Mark |
| Table of Content | |
| Acknowledgement | |
| System Planning | (10 marks) |
| • Introduction | (1 marks) |
| • Brief Description of the Current System | (2 marks) |
| • Problems and Limitation of the Current System | (2 marks) |
| • Objectives of the Proposed system | (2 marks) |
| • Project Scope Definition | (2 marks) |
| • Hardware and Software selection | (1 marks) |
| System Analysis and Design | (20 marks) |
| • Use Case Diagram | (4 marks) |
| • Data Flow Diagram | (4 marks) |
| • Entity Relationship Diagram | (4 marks) |
| • Data Design | (4 marks) |
| • Interface Design (Balsamiq) | (4 marks) |
| • Interface Design (Actual System) | (4 marks) |
| Literature Review | (25 marks) |
| • Topic 1 | (5 marks) |
| • Topic 2 | (5 marks) |
| • Topic 3 | (5 marks) |
| • Topic 4 | (5 marks) |
| • Topic 5 | (5 marks) |
| System Development and Implementation | (10 marks) |
| • Functional Requirement | (5 marks) |
| • Conversion Plan | (5 marks) |
| Program Listing | |
| System Testing and Maintenance | (10 marks) |
| • Test Plan and Test Case | (5 marks) |

| | | |
|--------------------------|--------------------|--|
| • Test Result | (5 marks) | |
| Conclusions | (10 marks) | |
| • Problems and Solutions | (5 marks) | |
| • Critical Appraisal | (5 marks) | |
| | | |
| User Manual | (10 marks) | |
| Gantt Chart | (5 marks) | |
| References | | |
| Total Mark : 100 | | |

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Acknowledgement

I might want to express my most profound gratefulness to each one of the individuals who gave me the possibility to finish this final year project. A special appreciation I give to our Integrated System Project lecturer, Mr. Shahidh, whose commitment in giving me suggestions and advices, helped me to arrange my task particularly especially in developing this system. I might also want to extend my appreciation to every one of the individuals who have guided me in developing this system.

Besides, I would also like to acknowledge with Mr. Ryan, who taught me how to integrate PayPal payment system with my system and gave me some advices in solving problems.

Finally, a thank you to my classmates, who have gave me many valuable comments on my system and thus inspire me to improve and enhance my system.

System Planning

i. Introduction

Founded in 2012, LiveTee is a multinational clothing-retail company that based in Malaysia. It is known as one of the fastest growing online clothing retailer in Malaysia. It sells fashion clothing for men, women as well as children. LiveTee is always trying to localize its products to fit the demands of customer by determining the current fashion trends in Malaysia. In order to attract more customers, LiveTee have been using famous cartoon characters, such as Disney characters (with permission), on their clothing. The clothing are sold in concept store based in Penang as well as e-commerce website. LiveTee has about 100 of workers and it produces thousands of clothing per day.

ii. Brief Description of the Current System

Current cloth selling system is an online shopping website that sells clothing that suits everyone. Users have to register for an account and login to it in order to add items to cart and proceed to payment. Users are able to select size and quantity for each product. Admin and staffs are able to add new products, delete products as well as edit information of each product. Online banking to the bank account stated on the webpage is needed to place an order.

iii. Problems and Limitation of the Current System

- Admin and staff are not able to manage and restock stock
- Admin and staff are not able to checkout using payment system such as PayPal
- Customers are not able to make reviews after purchasing the item
- Admin and staff are not able to view sales report
- Admin is not able to add and manage new staff

iv. Objectives of the Proposed System

- Enable customer to view and purchase clothing of our company online
- Manage stock and sales efficiently
- Get reviews and feedback from customers
- Reach more consumers from Malaysia
- Save cost for physical store operation

v. Project Scope Definition

| Modules | Description |
|-------------------------|--|
| User Account Management | Customer registration Edit profile information Admin and staff registration View profile |
| Products (Cloths) | View products with search filters Add products View existing products Restock products View available stocks Delete products Edit products information |
| Purchase | Add item to cart View cart items Remove item from cart Edit quantity or size in cart Make payment View purchase history Admin manage orders from customers Admin view sales history |
| Report | Admin is able to view sales using graphs Admin is able to select type of graphs Admin is able to select the range of sales report |
| Review and rating | User provide review and rating Visitors view review and rating |

vi. Hardware and Software selection

Hardware:

Personal computer.

Software:

Programming language: HTML, CSS, JavaScript and PHP.

DBMS: phpMyAdmin

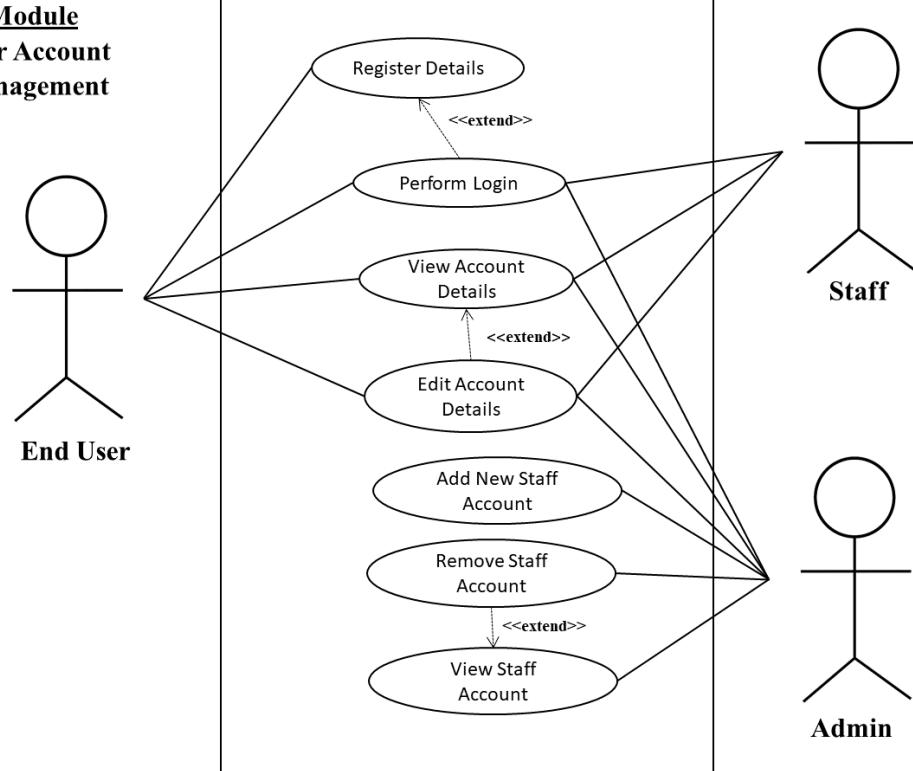
Documentation: Microsoft Office

System Analysis and Design

i. Use Case Diagram

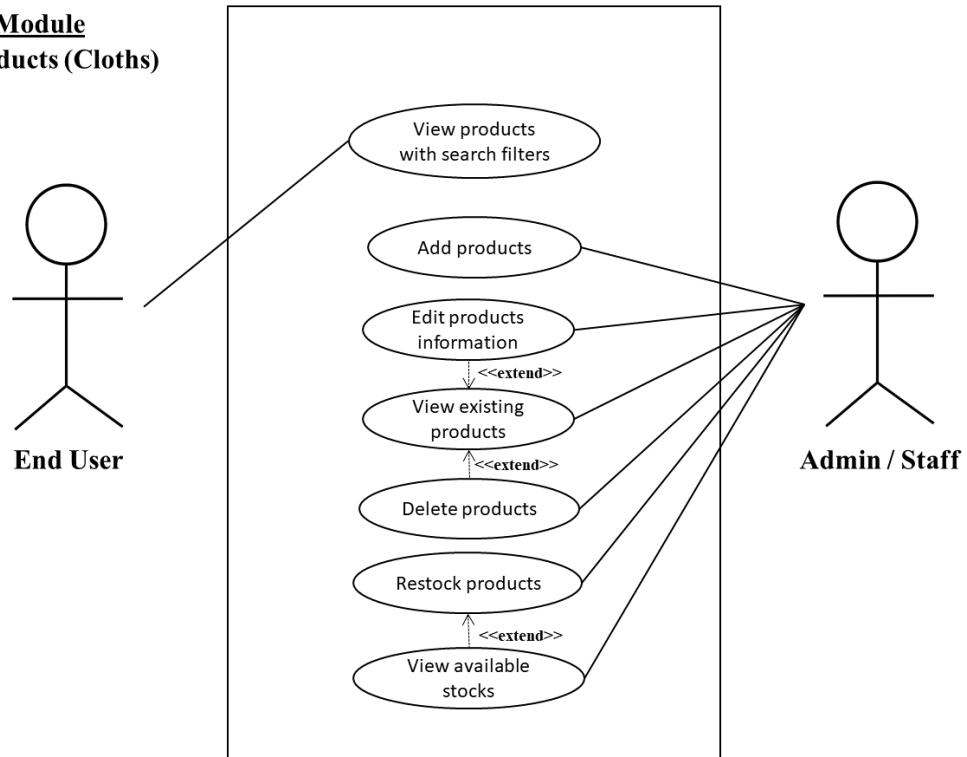
1st Module

User Account Management



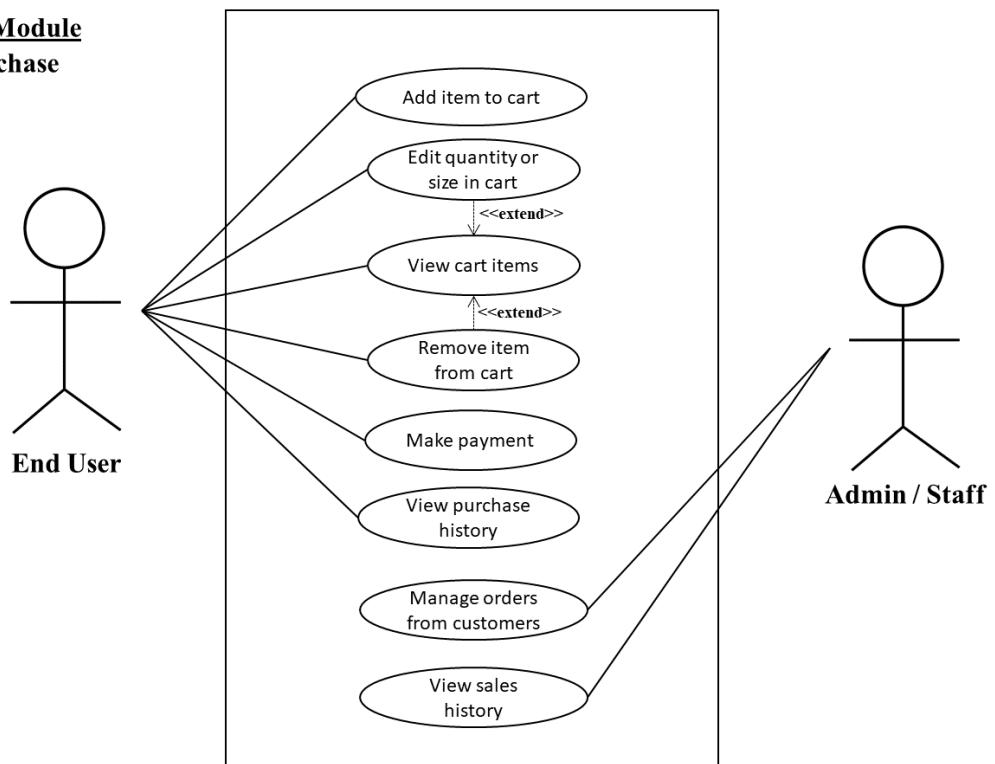
2nd Module

Products (Cloths)



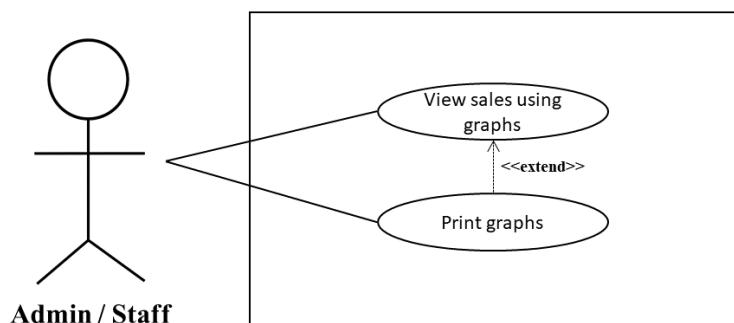
3rd Module

Purchase



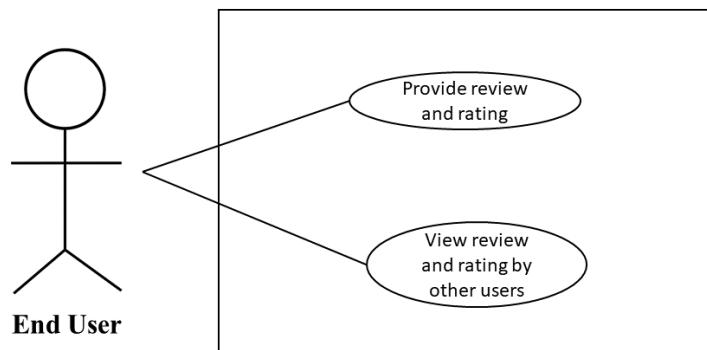
4th Module

Report

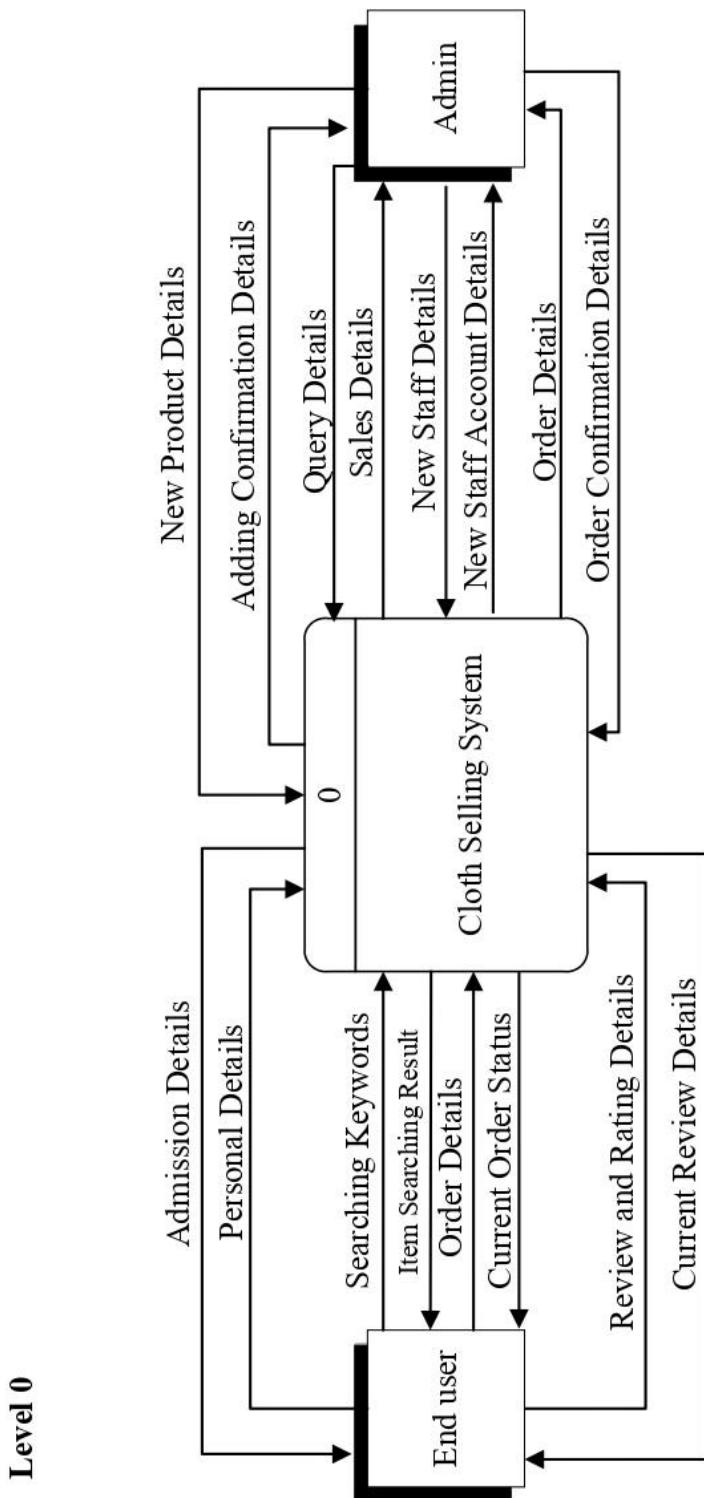


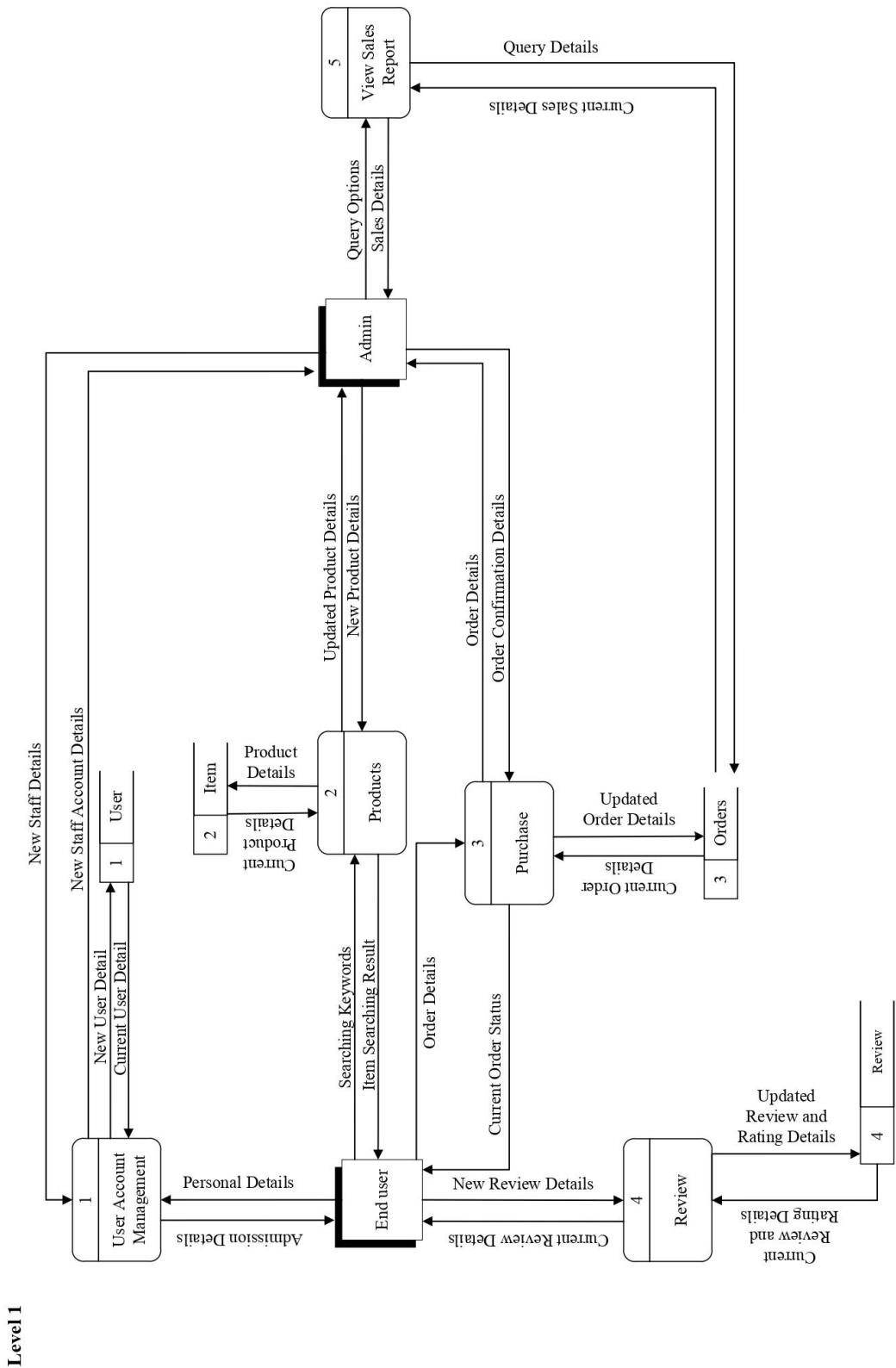
5th Module

Review

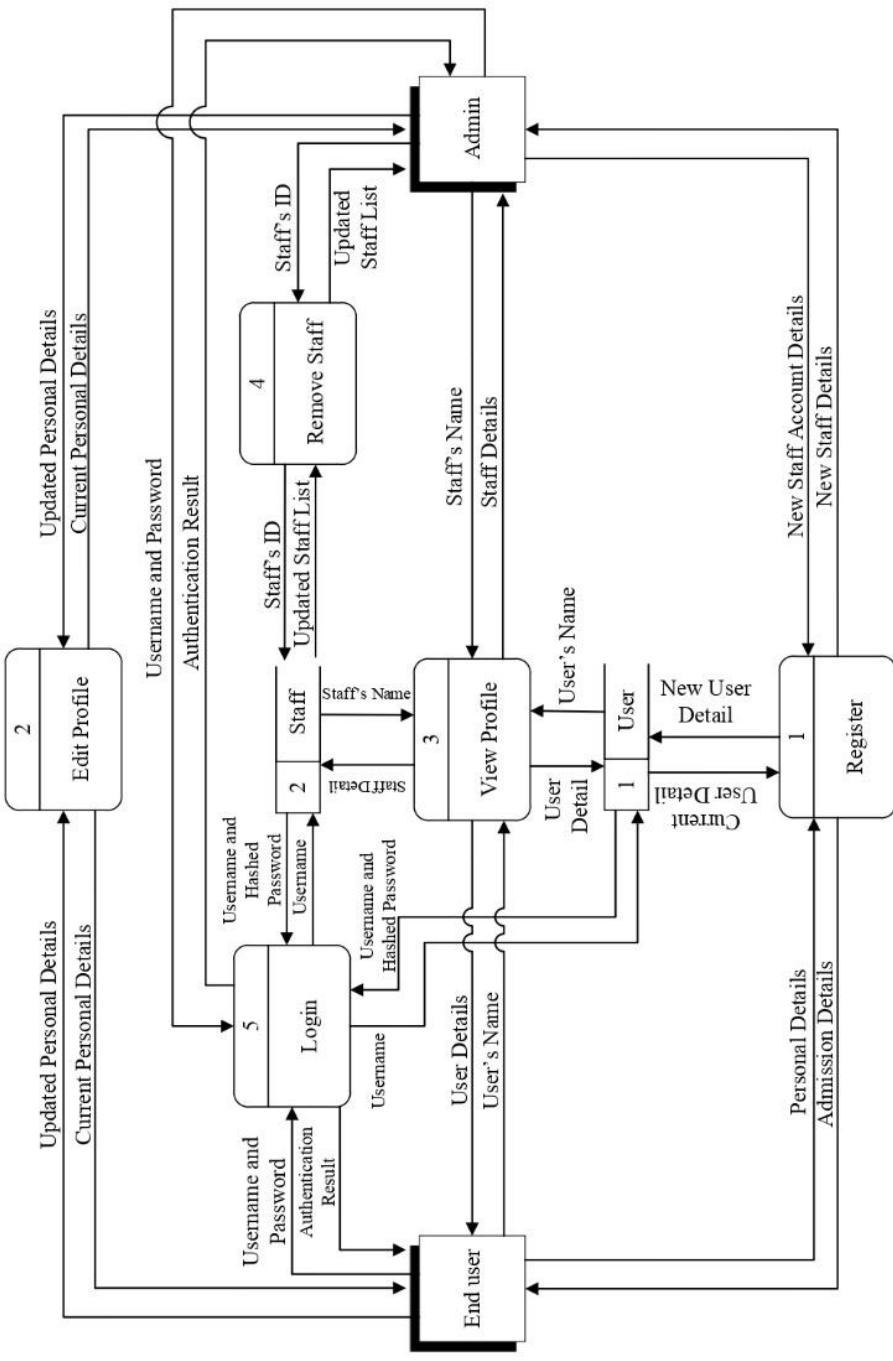


ii. Data Flow Diagram

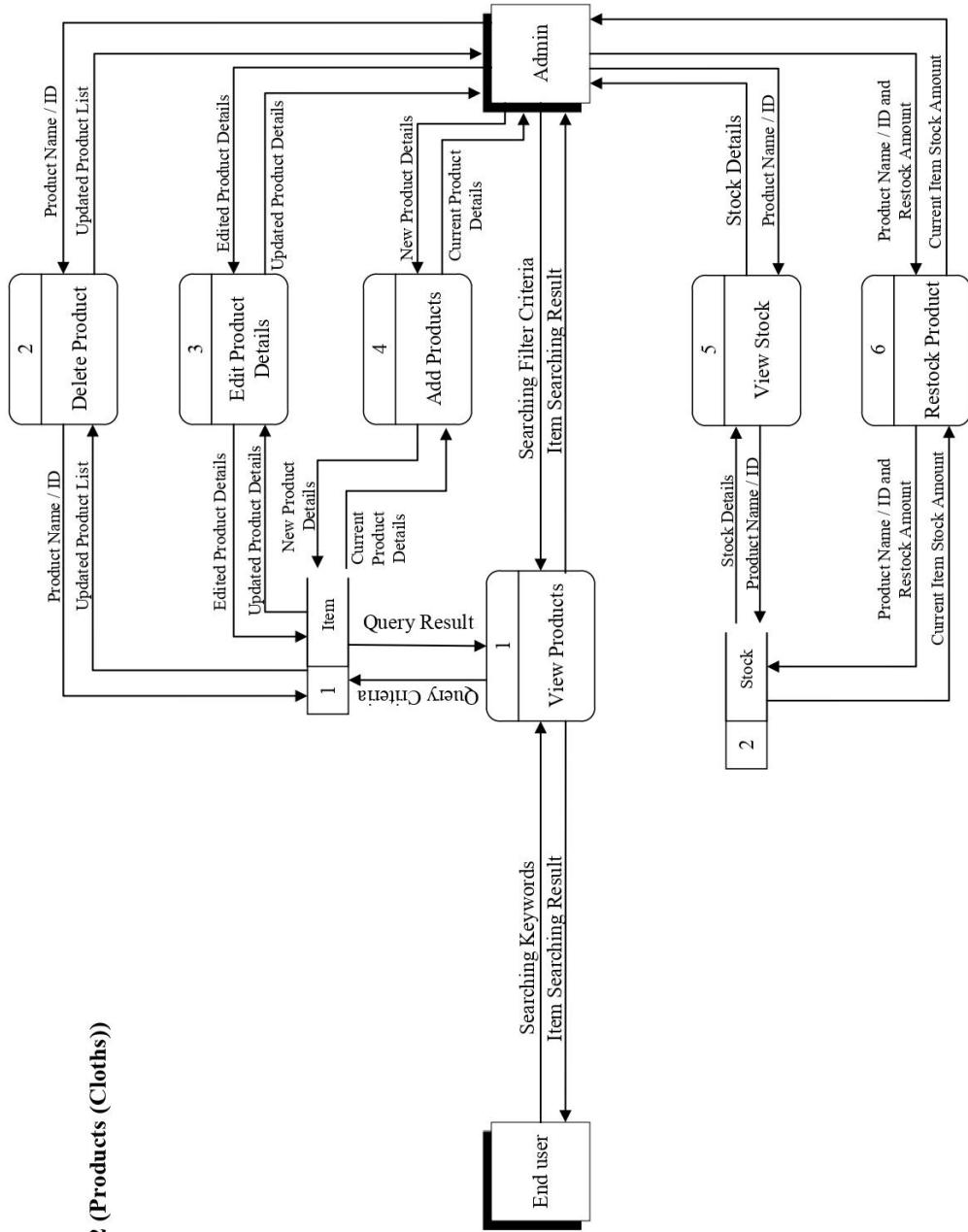




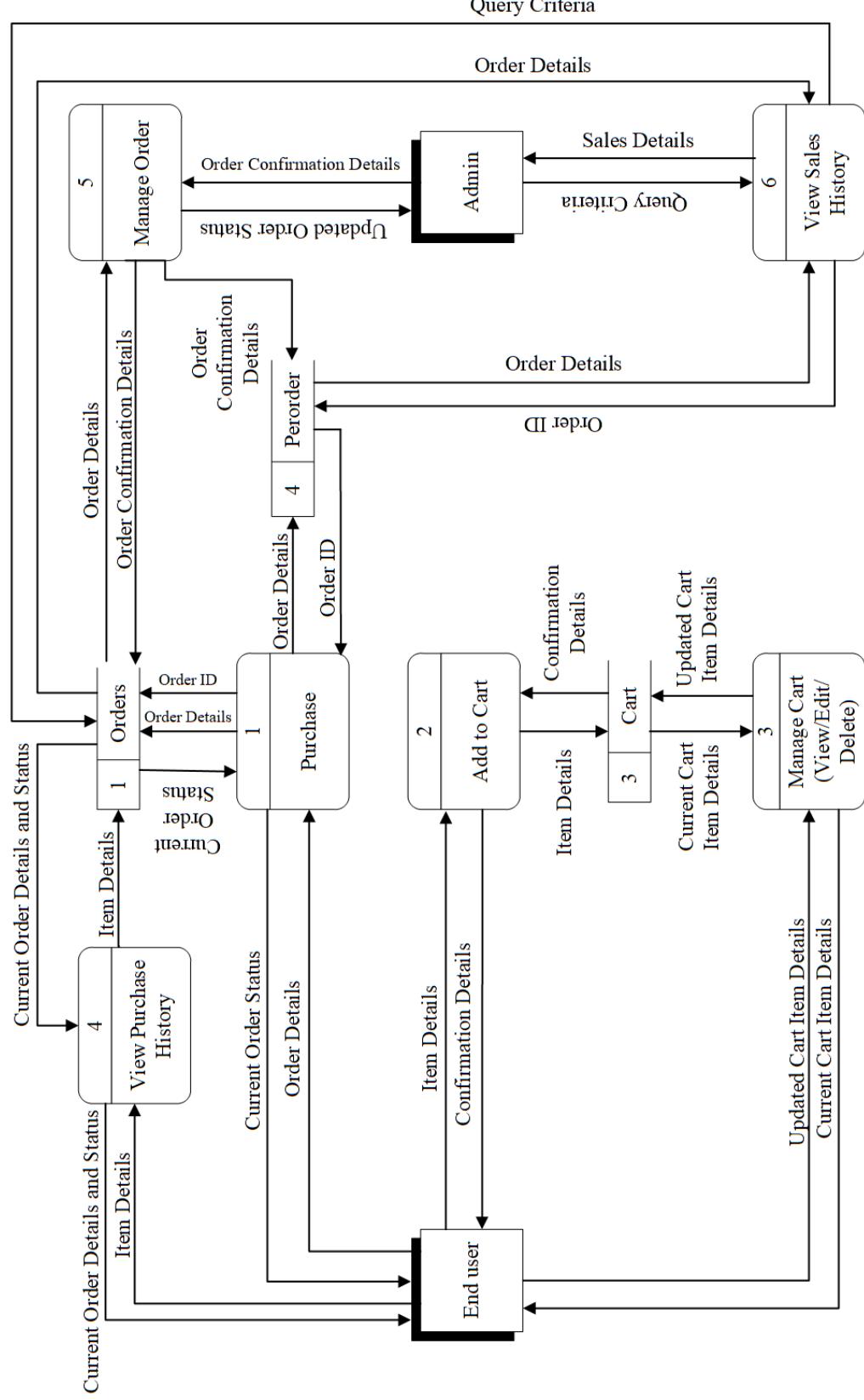
Level 2 (User Account Management)



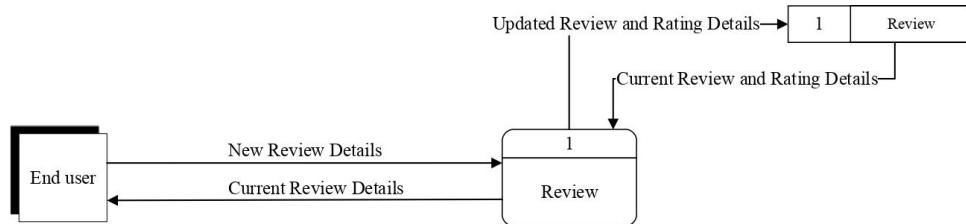
Level 2 (Products (Cloths))



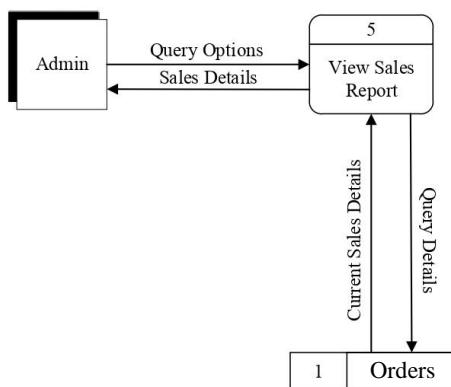
Level 2 (Purchase)



Level 2 (Review)

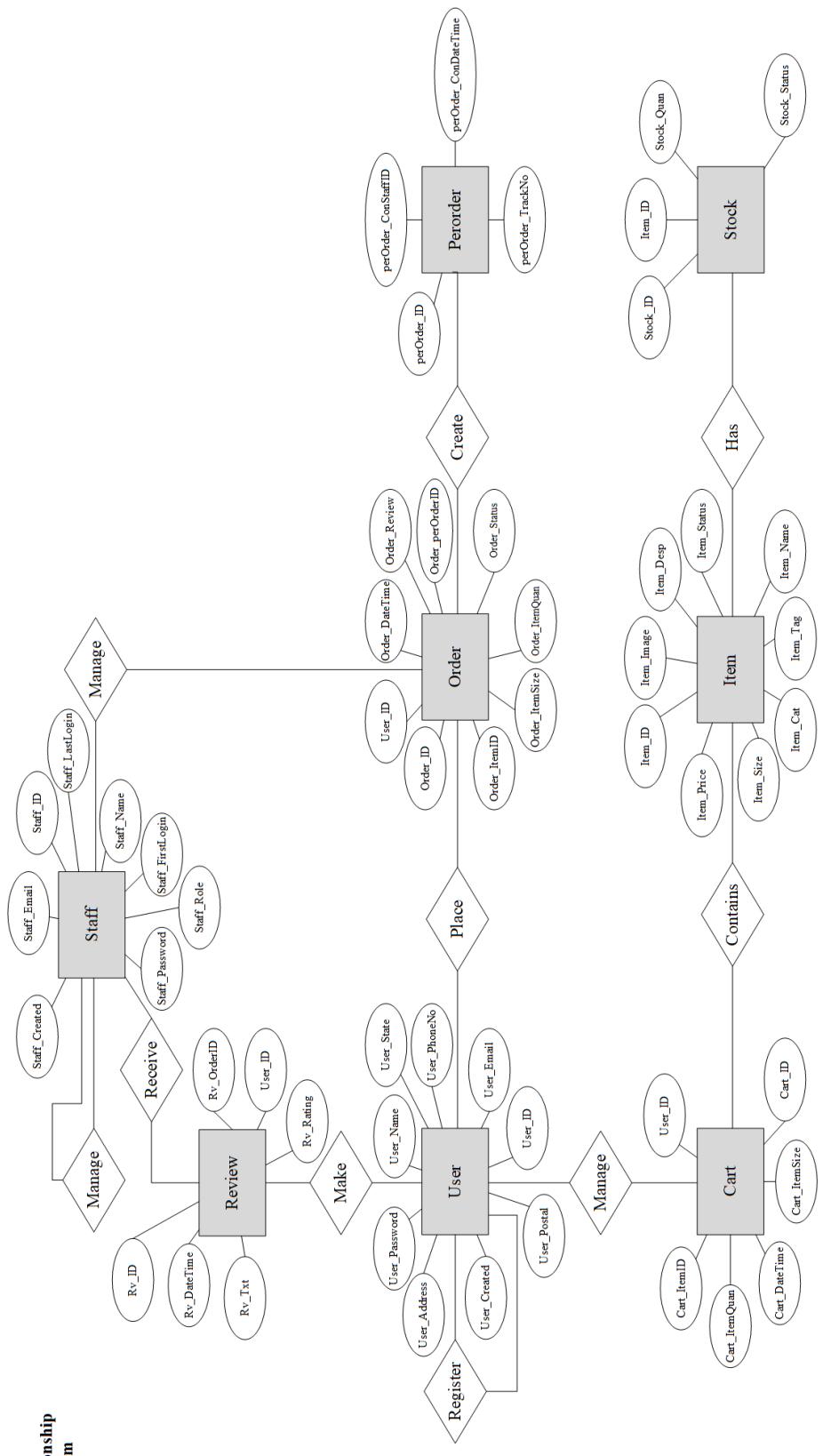


Level 2 (Report)



Entity Relationship Diagram

iii. Entity Relationship Diagram



iv. Data Design

1. Staff

| Field Name | Type | Constraint Type | Description |
|------------------|--------------|--------------------------------|---|
| Staff_ID | int(11) | Primary Key, AUTO_INCREMENT | Unique ID of every staff |
| Staff_Email | varchar(100) | Primary Key | Staff's email |
| Staff_Name | varchar(100) | | Staff's name |
| Staff_FirstLogin | boolean | | Determine first login of user and ask them to change a new password |
| Staff_Password | varchar(20) | | Staff's hashed password |
| Staff_Role | char(1) | | Role as staff or admin |
| Staff_LastLogin | timestamp | | Date and time where staff last login |
| Staff_Created | timestamp | | Date and time where staff account is created |

2. User

| Field Name | Type | Constraint Type | Description |
|---------------|--------------|--------------------------------|---|
| User_ID | int(11) | Primary Key, AUTO_INCREMENT | Unique ID of every user |
| User_Name | varchar(100) | | User's name |
| User_Email | varchar(100) | Primary Key | User's email |
| User_Password | varchar(20) | | User's hashed password |
| User_PhoneNo | varchar(20) | | User's phone number |
| User_Address | text | | User's Birthday |
| User_Created | timestamp | | Date and time where user account is created |
| User_Postal | varchar(10) | | User's postal code for delivery purpose |
| User_State | varchar(20) | | User's state for delivery purpose |

3. Item

| Field Name | Type | Constraint Type | Description |
|-------------|--------------|--------------------------------|--|
| Item_ID | int(11) | Primary Key, AUTO_INCREMENT | Unique ID of every item |
| Item_Name | varchar(255) | Primary Key | Item's name |
| Item_Price | decimal(7,2) | | Item's price |
| Item_Desp | text | | Item's description |
| Item_Size | varchar(50) | | Item's size |
| Item_Cat | varchar(20) | | Item's category |
| Item_Image | blob | | Item's preview image |
| Item_Tag | varchar(20) | | Item's tag such as “Sales” or “New” |
| Item_Status | tinyint(1) | | Item's status, whether it is available for sale or not |

4. Stock

| Field Name | Type | Constraint Type | Description |
|------------|-------------|--------------------------------|---|
| Stock_ID | int(11) | Primary Key, AUTO_INCREMENT | Unique ID of every stock |
| Item_ID | int(11) | | Item's ID which the stock belongs to |
| Item_Size | varchar(11) | | Item's size |
| Stock_Quan | int(11) | | Stock's quantity been added |

5. Orders

| Field Name | Type | Constraint Type | Description |
|----------------|------------|--------------------------------|---|
| Order_ID | int(11) | Primary Key, AUTO_INCREMENT | Unique ID of every order |
| User_ID | int(11) | | User's ID which the order belongs to |
| Order_ItemID | int(11) | | Item's ID in current order |
| Order_ItemSize | varchar(5) | | Item's size in current order |
| Order_ItemQuan | int(11) | | Item's quantity in current order |

| | | | |
|------------------|-------------|--|---|
| Order_Status | varchar(20) | | Whether the order is still processing, delivering or received |
| Order_Review | tinyint(1) | | Check if current order has written its review |
| Order_DateTime | timestamp | | Date and time when the order is placed |
| Order_perOrderID | int(11) | | |

6. Perorder

| Field Name | Type | Constraint Type | Description |
|----------------------|--------------|--------------------------------|--|
| perOrder_ID | int(11) | Primary Key, AUTO_INCREMENT | Unique ID for every orders group |
| perOrder_ConStaffID | varchar(11) | | Staff's ID of staff that confirm the order |
| perOrder_ConDateTime | timestamp | | Date and time when order is confirmed |
| perOrder_TrackNo | varchar(100) | | Tracking number for delivered items |

7. Cart

| Field Name | Type | Constraint Type | Description |
|---------------|------------|--------------------------------|-------------------------------------|
| Cart_ID | int(11) | Primary Key, AUTO_INCREMENT | Unique ID of every cart of users |
| User_ID | int(11) | | User's ID which the cart belongs to |
| Cart_ItemID | int(11) | | Item's ID in current cart |
| Cart_ItemQuan | int(11) | | Item's quantity in current cart |
| Cart_ItemSize | varchar(5) | | Item's size in current cart |

| | | | |
|---------------|-----------|--|--|
| Cart_DateTime | timestamp | | Date and time when the item is added to cart |
|---------------|-----------|--|--|

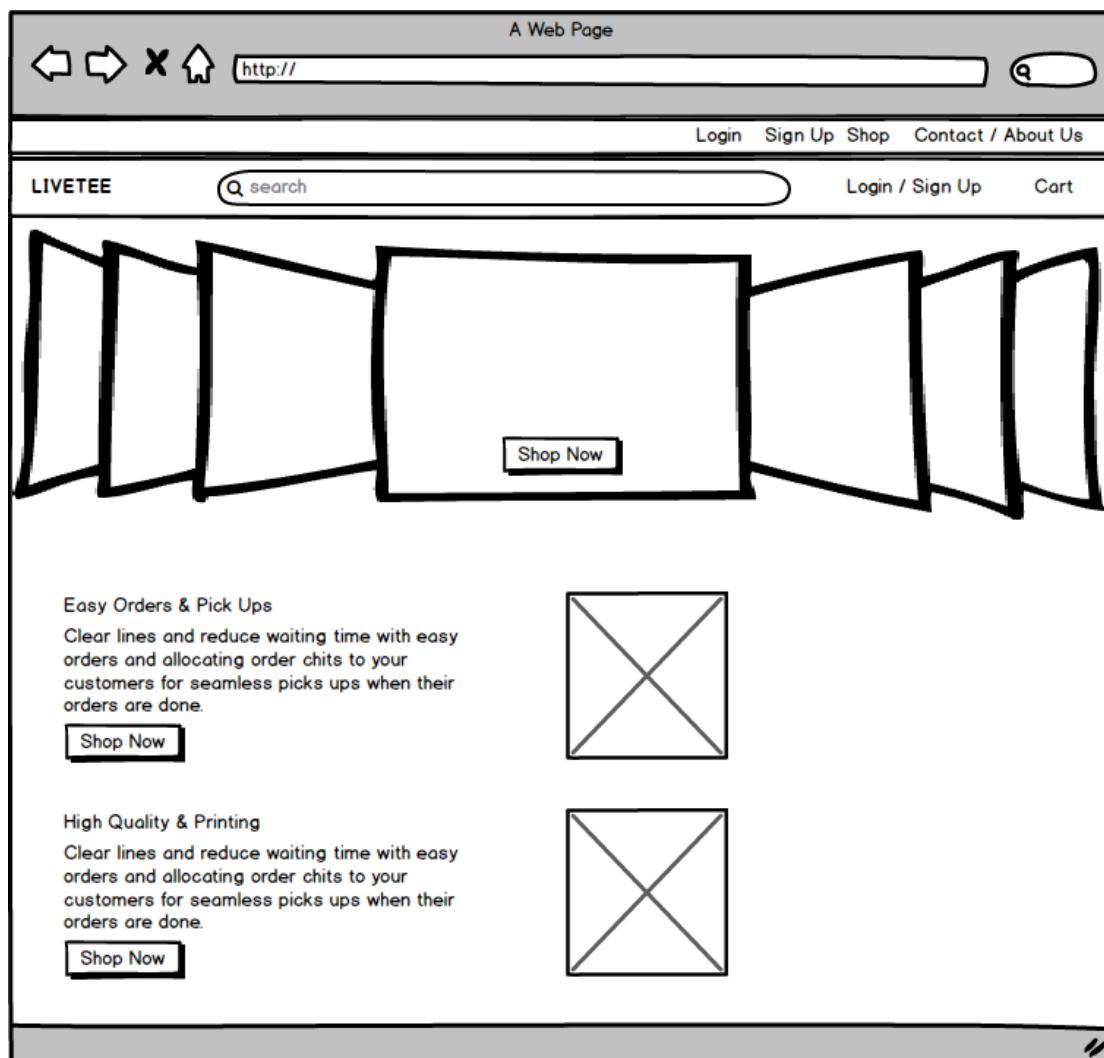
8. Review

| Field Name | Type | Constraint Type | Description |
|---------------|-------------|--------------------------------|---|
| Rv_ID | text | Primary Key, AUTO_INCREMENT | Unique ID of every review and rating |
| Rv_OrderID | int(11) | Primary Key | Item's ID which the review and rating belongs to |
| User_ID | int(11) | | User's ID which the review and rating belongs to |
| Rv_Txt | text | | Review text from user |
| Rv_Rating | char(1) | | Rating by user from 1 star to 5 stars |
| Rv_DateTime | timestamp | | Date and time when the rating and review is submitted |
| Rv_AprvStatus | varchar(20) | | Approval status of review and rating |

v. Interface Design (Balsamiq)

Frontend

1. Home page



2. Shop page

A Web Page

http://

Login Sign Up Shop Contact / About Us

LIVETEE search Login / Sign Up Cart

Collection
Sales New
Clothing
Dressing
Tops
T-Shirts
Pants
Shorts
Jeans

Sort By: Popularity

MICKEY CAMERA - BLACK
RM50
S, M, L

1 < 1 > 10

3. Product page

A Web Page

http://

Login Sign Up Shop Contact / About Us

LIVETEE search Login / Sign Up Cart

UA Tech Short Sleeve Tee
RM50

Size M ▾
Quantity 3 ▾

Add To Cart

Details

| | |
|--------------------|-------------------|
| SKU | A5872AA88B602BGS |
| Colour | Black/Graphite |
| Care label | Machine wash cold |
| Material | 100% Polyester |
| Production country | Mexico |

Reviews

Jeslyn Ng

Nice.
2019-04-02 03:19PM

1 < 1 > 4

4. Login page

A Web Page

http://

Login Sign Up Shop Contact / About Us

LIVETEE search Login / Sign Up Cart

Welcome to LiveTee! Please login.

Email

Password

Not a member? Register Here

5. Register page

A Web Page

http://

Login Sign Up Shop Contact / About Us

LIVETEE search Login / Sign Up Cart

Create Your LiveTee Account.

Full Name Phone Number
Email Address
Password Postal Code
Confirm Password State
By clicking "SIGN UP" I agree to LiveTee Privacy Policy

Login Here

6. Profile page

A Web Page

http://

Logout Shop My Purchase My Account Contact / About Us

LIVETEE search Username Cart

My Account
Change Password
My Purchase
My Reviews

My Account

Full Name
Email
Phone Number
Address
Postal Code
State

7. Profile – Change Password page

A Web Page

Logout Shop My Purchase My Account Contact / About Us

LIVETEE Username Cart

Profile Change Password My Purchase My Reviews

Change Password

Current Password

New Password

Confirm New Password

Confirm

8. My Purchase page

A Web Page

Logout Shop My Purchase My Account Contact / About Us

LIVETEE Username Cart

Profile Change Password My Purchase My Reviews

My Purchase

Order #210052490896819 Placed on 11 Nov 2018 12:19:52 Track
Clothing Name Qty: 1 M RM16 Delivering

Order #210052490896819 Placed on 11 Nov 2018 12:19:52 Received Write Review

9. Write Review page

A Web Page

http://

Logout Shop My Purchase My Account Contact / About Us

LIVETEE search Username Cart

Profile Change Password My Purchase My Reviews

Write Review
Order #14
Placed on 2019-03-13 08:50PM
Confirmed on 2019-03-13 08:50PM

Tsum Tsum - Winnie White Qty: 2 Size: S RM32

Review

Rating

Submit < Back

10. View Review page

A Web Page

http://

Logout Shop My Purchase My Account Contact / About Us

LIVETEE search Username Cart

Profile Change Password My Purchase My Reviews

View Review
Order #14
Placed on 2019-03-13 08:50PM
Confirmed on 2019-03-13 08:50PM

Tsum Tsum - Winnie White Qty: 2 Size: S RM32

Review ...

Rating ...

< Back

11. My Review page

A screenshot of a web browser window titled "A Web Page". The address bar shows "http://". The navigation bar includes links for Logout, Shop, My Purchase, My Account, Contact / About Us, and a search bar. The main content area is titled "LIVETEE" and features a sidebar with Profile, Change Password, My Purchase, and My Reviews options. The main content area is titled "My Reviews" and displays a table of reviews for "Mickey Camera - Black". The table has columns for Rating, Review, Item Name, and Submitted Date Time. All entries show a 5-star rating, the review "Nice printing", the item name "Mickey Camera - Black", and the date/time "2019-04-05 08:36AM".

| Rating | Review | Item Name | Submitted Date Time |
|--------|---------------|-----------------------|---------------------|
| ***** | Nice printing | Mickey Camera - Black | 2019-04-05 08:36AM |
| ***** | Nice printing | Mickey Camera - Black | 2019-04-05 08:36AM |
| ***** | Nice printing | Mickey Camera - Black | 2019-04-05 08:36AM |
| ***** | Nice printing | Mickey Camera - Black | 2019-04-05 08:36AM |
| ***** | Nice printing | Mickey Camera - Black | 2019-04-05 08:36AM |

12. Cart page

A screenshot of a web browser window titled "A Web Page". The address bar shows "http://". The navigation bar includes links for Logout, Shop, My Purchase, My Account, Contact / About Us, and a search bar. The main content area is titled "LIVETEE" and features a sidebar with Profile, Change Password, My Purchase, and My Reviews options. The main content area displays a shopping cart table with columns for Item, Size, Price, Quantity, and Total. It shows one item: "Clothing Name" in size "M" at RM 10 per unit, with a quantity of 3 and a total of RM 30. There is also a checkbox labeled "Select All" and a "Checkout" button.

| Item | Size | Price | Quantity | Total |
|---------------|------|-------|----------|-------|
| Clothing Name | M | RM 10 | 3 | RM 30 |

Select All Subtotal (1 items): RM30 Total: RM 30

Backend

1. Login page

The wireframe shows a web browser window titled "LiveTee | Home". The address bar contains "http://livetee.com/home". The main content area is divided into two sections. On the left is a large empty space with a close button in the top-left corner. On the right is the "LiveTee Admin Panel" with a "SIGN IN" heading. It features two input fields labeled "Email" and "Password", and a "Log In" button at the bottom.

2. Dashboard page

The wireframe shows a web browser window titled "LiveTee | Home". The address bar contains "http://livetee.com/home". The main content area has a header "Dashboard" with close and minimize buttons. On the left is a sidebar menu with the following items:

- Dashboard
- Clothing
 - Add
 - Edit
- Stock
 - Add
 - View
- Order
 - Manage
 - History
- Sales Report
- Staff
 - Add
 - Edit

3. Clothing – Add page

The screenshot shows a web browser window titled "LiveTee | Home" with the URL "http://livetee.com/home". The main content area is titled "Clothing - Add". On the left, there is a sidebar with navigation links: Dashboard, Clothing (Add, Edit), Stock (Add, View), Order (Manage, History), Sales Report, Staff (Add, Edit). The main form contains fields for Item Name (text input), Price (text input with "RM" prefix), Description (text input), Available Size (checkboxes for XS, S, M, L), Category (dropdown menu set to "T-Shirts"), Image (input field with "Upload Image" placeholder and a file upload icon), Tag (dropdown menu set to "Sales"), Status (checkboxes for Available, Not Available), and a "Submit" button.

4. Clothing – Edit page

The screenshot shows a web browser window titled "LiveTee | Home" with the URL "http://livetee.com/home". The main content area is titled "Clothing - Edit". On the left, there is a sidebar with a single link. The main form has two sections: one for filtering with "Category" and "Status" dropdown menus, and another for displaying a grid of clothing items with columns: Clothing Name, Category, Size Available, Status, and Action. The grid rows are currently empty.

5. Clothing – Edit_Edit page

The screenshot shows the 'Clothing - Edit' page. On the left is a sidebar with links: Dashboard, Clothing (Add, Edit), Stock (Add, View), Order (Manage, History), Sales Report, Staff (Add, Edit). The main area has a back button and fields for Item Name (text input), Price (text input with 'RM' prefix), Description (text input), Available Size (checkboxes for XS, S, M, L), Category (dropdown menu set to 'T-Shirts'), Image (input field with 'Upload Image.' placeholder and a file icon), Tag (dropdown menu set to 'Sales'), and Status (checkboxes for Available and Not Available). A 'Submit' button is at the bottom.

6. Stock – Add page

The screenshot shows the 'Stock - Add' page. The sidebar includes links: Dashboard, Clothing (Add, Edit), Stock (Add, View), Order (Manage, History), Sales Report, Staff (Add, Edit). The main area features a search bar with 'Category' and 'Status' dropdowns, a search button, and a table with columns: ID, Clothing Name, Category, Size Available, Status, and Action. The table rows are currently empty.

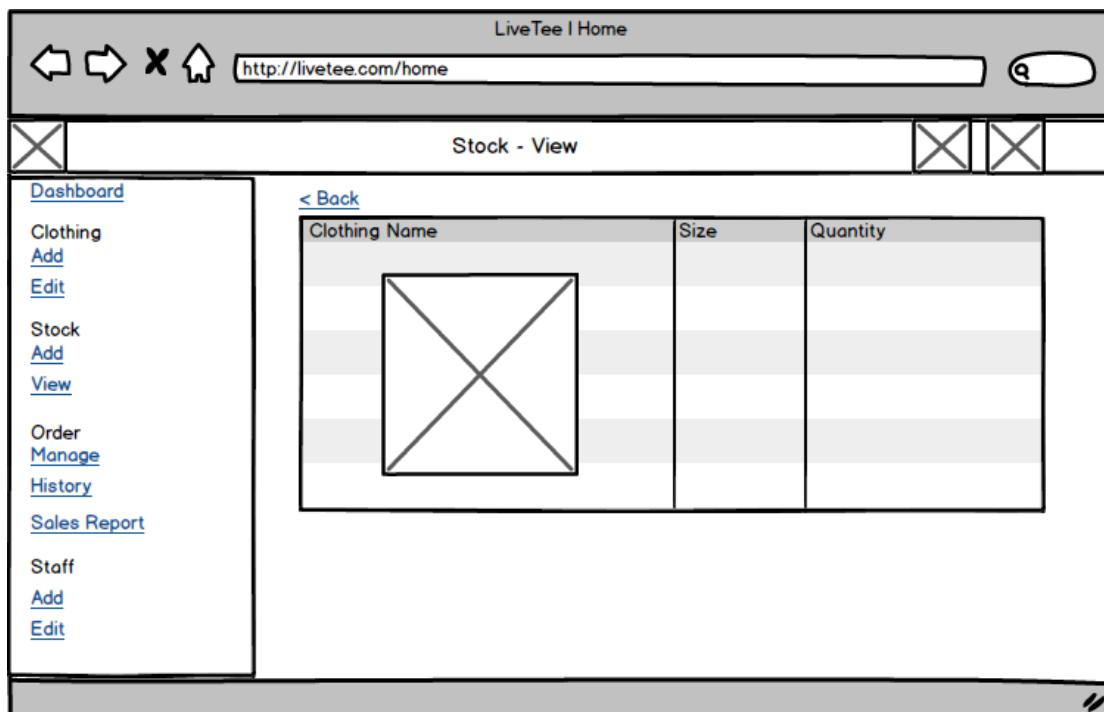
7. Stock – Add_Add page

The screenshot shows a web browser window titled "LiveTee | Home" with the URL "http://livetee.com/home". The main content area is titled "Stock - Add". On the left, there is a sidebar with navigation links: Dashboard, Clothing (Add, Edit), Stock (Add, View), Order (Manage, History), Sales Report, Staff (Add, Edit). The main form contains fields for Item Name ("Mickey Camera - Black"), Size ("M"), and Quantity ("2"). A "Add Stock" button is present, along with a link to "[< Back](#)".

8. Stock – View page

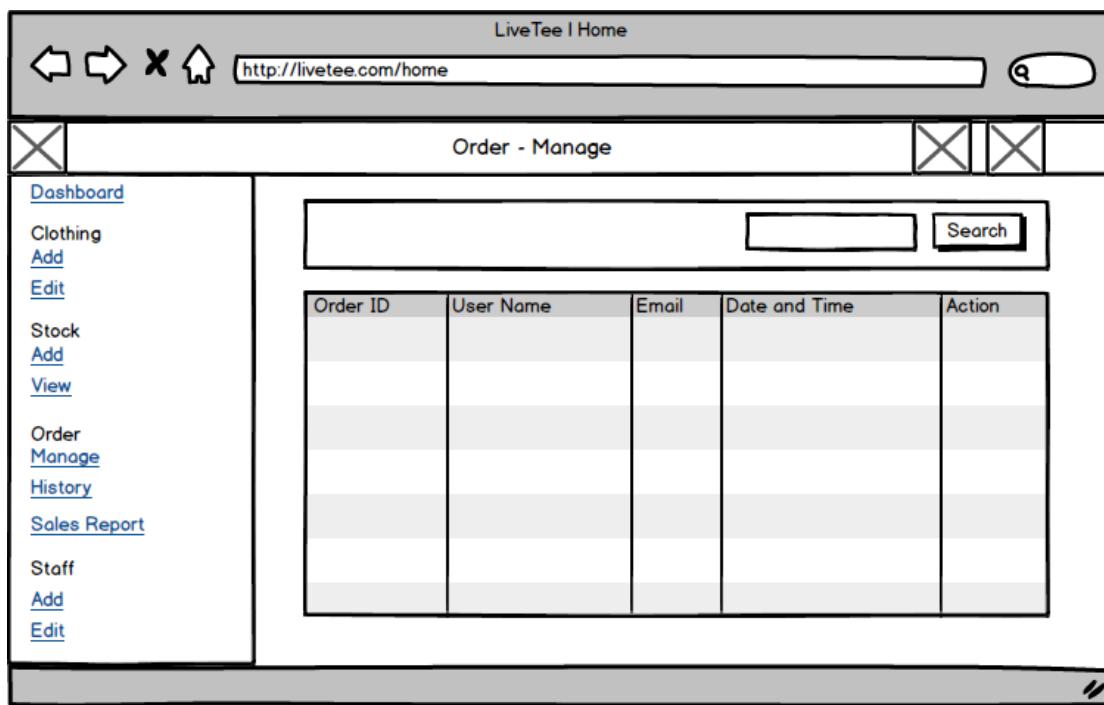
The screenshot shows a web browser window titled "LiveTee | Home" with the URL "http://livetee.com/home". The main content area is titled "Stock - View". On the left, there is a sidebar with navigation links: Dashboard, Clothing (Add, Edit), Stock (Add, View), Order (Manage, History), Sales Report, Staff (Add, Edit). The main form includes search filters for Category (ComboBox) and Status (ComboBox), and a "Search" button. Below these filters is a table with columns: ID, Clothing Name, Category, Size Available, Status, Total Stock, and Action.

9. Stock – View_View page



The wireframe shows a web browser window for 'LiveTee | Home' at 'http://livetee.com/home'. The title bar says 'Stock - View'. The left sidebar has links for Dashboard, Clothing (Add, Edit), Stock (Add, View), Order (Manage, History), Sales Report, Staff (Add, Edit). The main content area has a 'Back' link and a table with columns: Clothing Name, Size, and Quantity. A large 'X' is drawn over the first row of the table.

10. Order Manage page



The wireframe shows a web browser window for 'LiveTee | Home' at 'http://livetee.com/home'. The title bar says 'Order - Manage'. The left sidebar has links for Dashboard, Clothing (Add, Edit), Stock (Add, View), Order (Manage, History), Sales Report, Staff (Add, Edit). The main content area has a search bar with a 'Search' button and a table with columns: Order ID, User Name, Email, Date and Time, and Action.

11. Order Manage_Manage page

LiveTee | Home <http://livetee.com/home>

Order - Manage

| | | |
|------------------------------|-------------------|--|
| Dashboard | Order ID | #41 |
| Clothing | Username | Jeslyn Ng |
| Add | Email | jeslyn_ng11@hotmail.com |
| Edit | Address | 98-11-18, Jalan Bukit, 11700 Penang |
| Stock | Order Date & Time | 2019-04-07 03:52PM |
| Add | | |
| View | | |
| Order | | |
| Manage | | |
| History | | |
| Sales Report | | |
| Staff | Tracking Number | <input type="text"/> |
| Add | | |
| Edit | | <input type="button" value="Confirm Order"/> |

12. Order History page

LiveTee | Home <http://livetee.com/home>

Order - History

| | | |
|------------------------------|----------------------|---------------------------------------|
| Dashboard | <input type="text"/> | <input type="button" value="Search"/> |
| Clothing | | |
| Add | | |
| Edit | | |
| Stock | | |
| Add | | |
| View | | |
| Order | | |
| Manage | | |
| History | | |
| Sales Report | | |
| Staff | | |
| Add | | |
| Edit | | |

13. Order – History_View page

LiveTee | Home <http://livetee.com/home>

Order - History

| Item ID | Item Name | Size | Quantity | Price (Total) |
|---------|-----------|------|----------|---------------|
|---------|-----------|------|----------|---------------|

Username: Jeslyn Ng
Email: jeslyn_ng11@hotmail.com
Staff in Charge: Jes Jes (2)
Order Confirmed on: 2019-04-07 03:52PM
Order Date & Time: 2019-04-07 03:52PM

[Back](#)

[Dashboard](#)
[Clothing](#)
[Add](#)
[Edit](#)
[Stock](#)
[Add](#)
[View](#)
[Order](#)
[Manage](#)
[History](#)
[Sales Report](#)
[Staff](#)
[Add](#)
[Edit](#)

14. Sales Report page

LiveTee | Home <http://livetee.com/home>

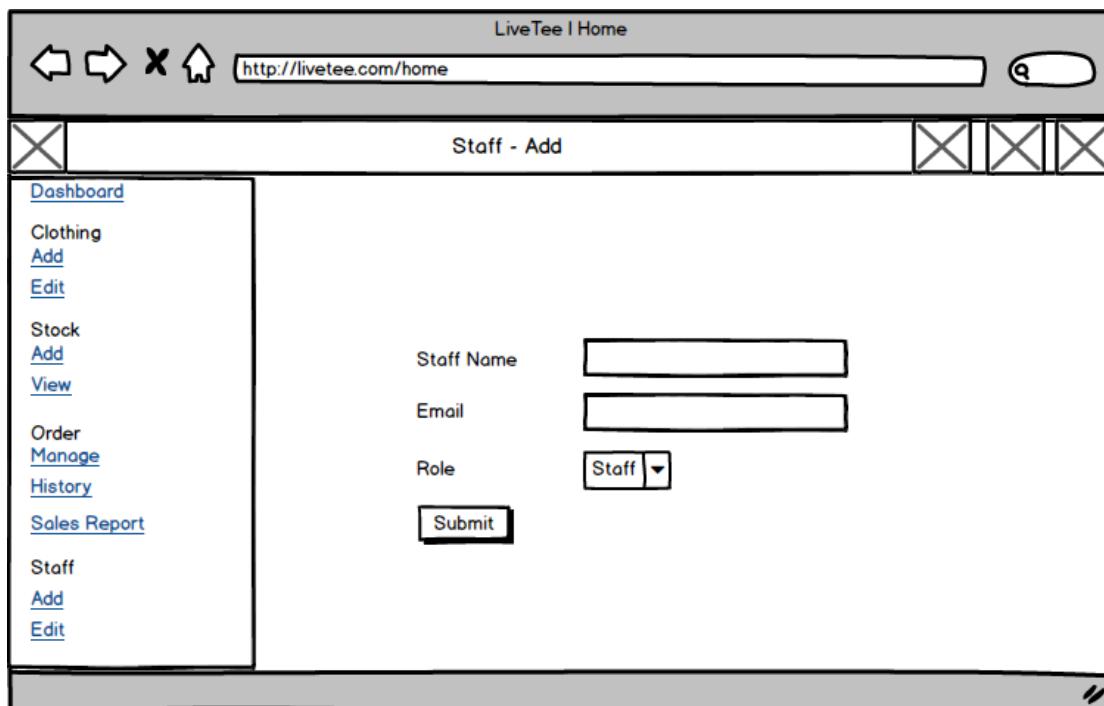
Sales

Period: Graph Type: Save As Image



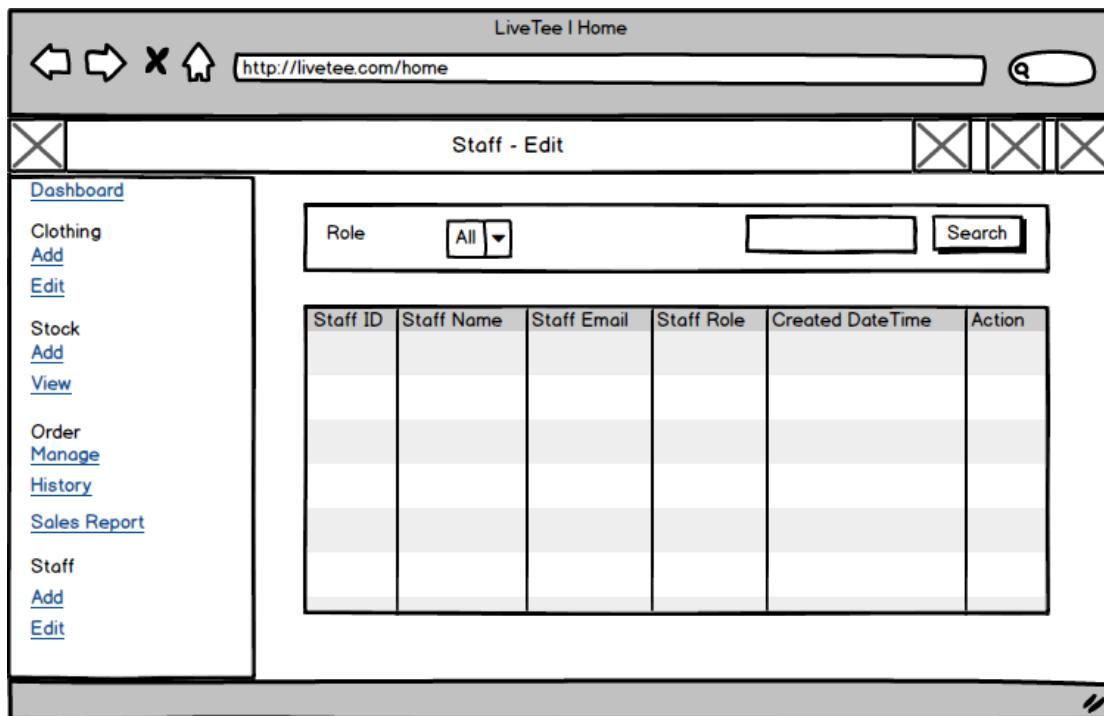
[Dashboard](#)
[Clothing](#)
[Add](#)
[Edit](#)
[Stock](#)
[Add](#)
[View](#)
[Order](#)
[Manage](#)
[History](#)
[Sales Report](#)
[Staff](#)
[Add](#)
[Edit](#)

15. Staff – Add page



The screenshot shows a web browser window for 'LiveTee | Home' at the URL <http://livetee.com/home>. The title bar says 'Staff - Add'. On the left is a sidebar with links: Dashboard, Clothing (Add, Edit), Stock (Add, View), Order (Manage, History), Sales Report, Staff (Add, Edit). The main area has fields for Staff Name (text input), Email (text input), Role (dropdown menu set to 'Staff'), and a 'Submit' button.

16. Staff – Edit page



The screenshot shows a web browser window for 'LiveTee | Home' at the URL <http://livetee.com/home>. The title bar says 'Staff - Edit'. On the left is a sidebar with links: Dashboard, Clothing (Add, Edit), Stock (Add, View), Order (Manage, History), Sales Report, Staff (Add, Edit). The main area has a 'Role' dropdown set to 'All', a search bar, and a table with columns: Staff ID, Staff Name, Staff Email, Staff Role, Created DateTime, Action. The table rows are shaded grey.

17. My Account – Change Password

The screenshot shows a web browser window for 'LiveTee | Home' at <http://livetee.com/home>. The main content area is titled 'Profile'. On the left, there's a sidebar with 'Dashboard' and links for 'Clothing', 'Stock', 'Order', 'Sales Report', and 'Staff'. The right side displays user information: ID (2), Name (Jes Jes), Email (jeslyn_ng11@hotmail.com), Role (1), and Created On (2019-03-07 11:03PM). Below this are fields for 'Current Password', 'New Password', and 'Confirm New Password', each with an associated input box. A 'Confirm' button is located below the password fields.

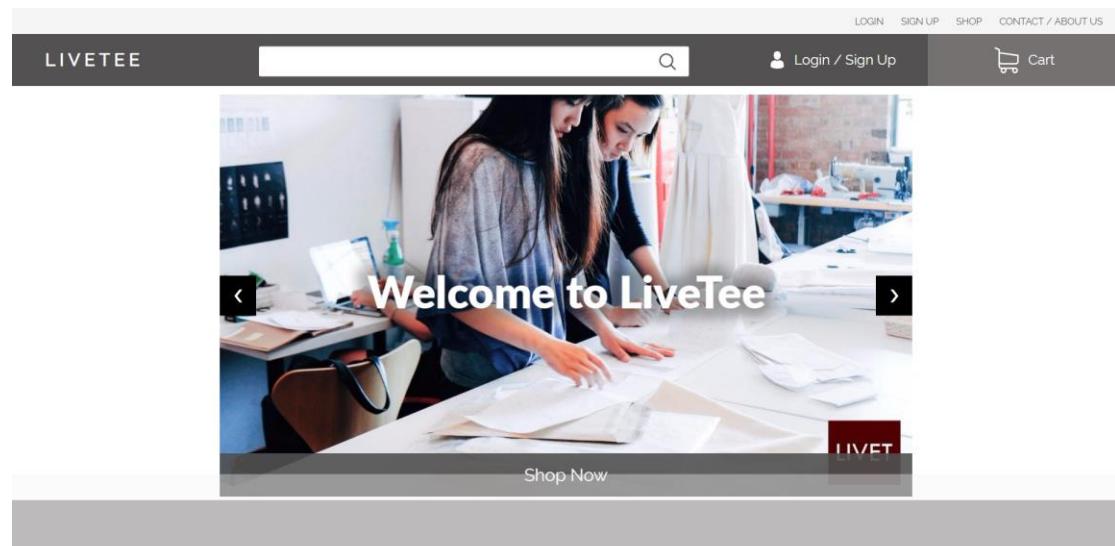
18. First Login – Change Password page

The screenshot shows a web browser window for 'LiveTee | Home' at <http://livetee.com/home>. The main content area is titled 'First Login - Change Password'. It contains three input fields: 'Current Password', 'New Password', and 'Confirm New Password', each with an associated input box. A 'Confirm' button is located below the password fields.

vi. Interface Design (Actual System)

Frontend

1. Home page



01

Easy Orders & Pick Ups

Clear lines and reduce waiting time with easy orders and allocating order slots to your customers for seamless picks ups when their orders are done.

[SHOP NOW](#)

A graphic of a delivery van with the word "FREE" written on its side.A photograph of a delivery person wearing a blue uniform and cap, holding a clipboard and several cardboard boxes.

02

High Quality & Printing

Clear lines and reduce waiting time with easy orders and allocating order slots to your customers for seamless picks ups when their orders are done.

[SHOP NOW](#)

A photograph of a large industrial-grade printer or plotter machine printing a design onto a piece of material. A small inset image shows a close-up of a printed card with a QR code.

2. Shop page

The screenshot shows the LiveTee shop page. At the top, there's a navigation bar with links for LOGIN, SIGN UP, SHOP, and CONTACT / ABOUT US. Below the navigation is a search bar and a user login/sign up button. A cart icon is also present. On the left, there's a sidebar with a 'Collection' section containing 'Sales New' and a 'Clothing' section listing Dresses, Tops, T-Shirts, Pants, Shorts, and Jeans. The main content area displays a grid of t-shirts. The first row contains four t-shirts: 'Mickey Camera - Black' (RM 16.00), 'Spiderman - Black' (RM 15.00), 'Super Heroes' (RM 16.00), and 'Tsum Tsum - Winnie White' (RM 16.00). The second row contains three t-shirts: a dark blue t-shirt, a yellow t-shirt, and a white t-shirt with a blue sleeve.

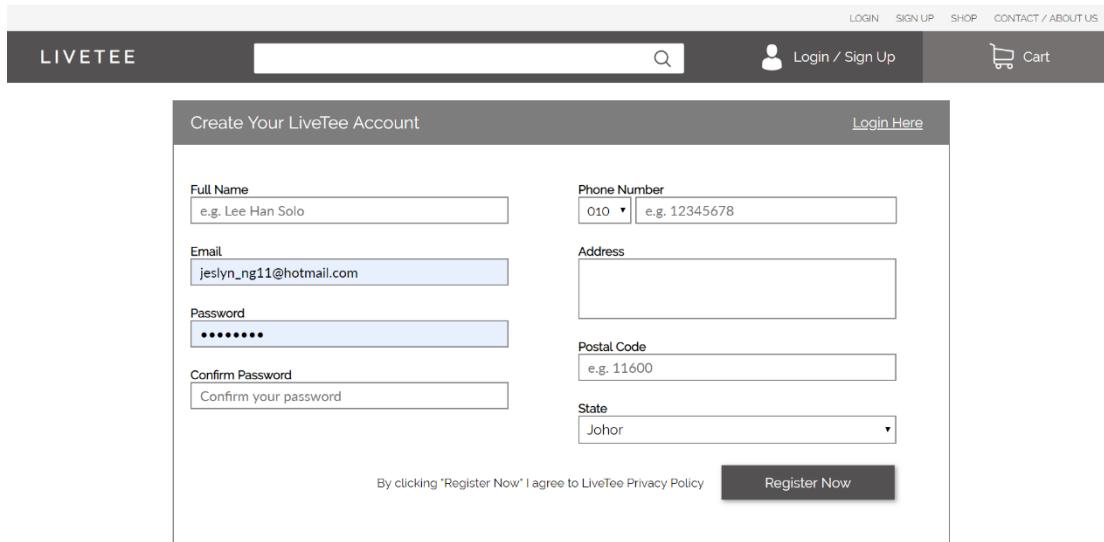
3. Product page

The screenshot shows the product page for a 'BAYMAX - BLUE' t-shirt. The t-shirt is displayed prominently on the left. To the right, product details are shown: 'BAYMAX - BLUE', 'RM 25.00', and a size dropdown menu set to 'XS'. Below that is a quantity selector showing '1' with '10 piece available' text. A 'ADD TO CART' button is at the bottom. At the bottom of the page, there are 'DETAILS' and 'REVIEWS' tabs, and a note that the item is '92% Cotton, 8% elastane'.

4. Login page

The screenshot shows the LiveTee login page. It features a header with the 'LIVETEE' logo, a search bar, and user login/sign up links. The main content area has a grey header bar with the text 'Welcome to LiveTee! Please login.' Below this is a form with fields for 'Email' (containing 'jeslyn_ng11@hotmail.com') and 'Password' (containing a masked password). A 'Login' button is at the bottom of the form. A note at the bottom says 'Not a member? [Register Here](#)'.

5. Register page

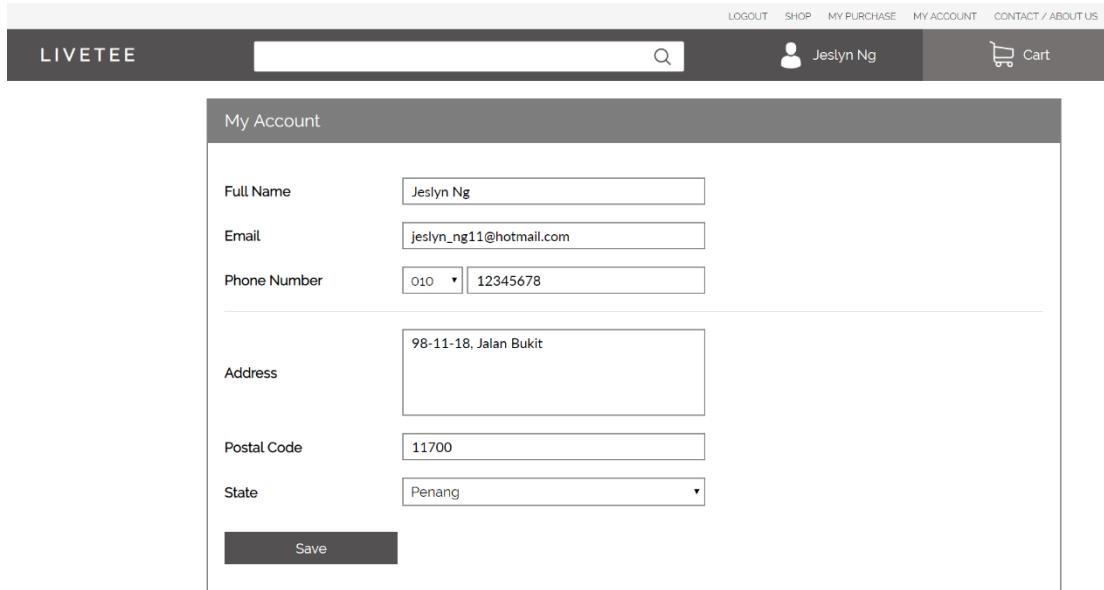


The screenshot shows the 'Create Your LiveTee Account' registration form. At the top right, there is a 'Login Here' link. The form fields include:

- Full Name: e.g. Lee Han Solo
- Email: jeslyn_ng11@hotmail.com
- Password: [REDACTED]
- Confirm Password: Confirm your password
- Phone Number: 010 e.g. 12345678
- Address: [REDACTED]
- Postal Code: e.g. 11600
- State: Johor

At the bottom left, there is a note: "By clicking 'Register Now' I agree to LiveTee Privacy Policy". On the right, there is a "Register Now" button.

6. Profile page



The screenshot shows the 'My Account' profile editing page. At the top right, it displays the user's name: Jeslyn Ng. The form fields include:

- Full Name: Jeslyn Ng
- Email: jeslyn_ng11@hotmail.com
- Phone Number: 010 12345678
- Address: 98-11-18, Jalan Bukit
- Postal Code: 11700
- State: Penang

At the bottom left, there is a "Save" button.

7. Profile – Change Password

The screenshot shows the Livetee website's user profile section. At the top, there is a navigation bar with links for LOGOUT, SHOP, MY PURCHASE, MY ACCOUNT, and CONTACT / ABOUT US. Below the navigation is a header bar with the brand name 'LIVETEE' on the left, a search icon in the center, and a user profile icon 'Jestlyn Ng' on the right. A shopping cart icon with the number 'Cart' is also present. The main content area is titled 'Change Password'. It contains three input fields: 'Current Password' (placeholder: 'Current Password'), 'New Password' (placeholder: 'At least 8 characters'), and 'Confirm New Password' (placeholder: 'Confirm your password'). A 'Confirm' button is located at the bottom of the form.

8. My Purchase page

The screenshot shows the 'My Purchase' page on the Livetee website. The page displays two recent orders. Order #49, placed on 2019-04-09 10:53PM, includes a product image of a Spiderman - Black t-shirt, quantity 1, RM15 price, size S, and status 'Delivering'. There is a 'Confirm Receive' button. Order #48, placed on 2019-04-09 07:53PM, includes a product image of a Spiderman - Black t-shirt, quantity 2, RM30 price, size S, and status 'Processing'. The page also features a sidebar with links for My Account, Change Password, My Purchase, and My Reviews.

9. Write Review page

The screenshot shows the 'Write Review' page on the Livetee website. It starts with a summary of Order #26: Placed on 2019-03-27 11:47AM and Confirmed on 2019-03-28 11:27PM. It shows a product image of an OK Find Whatever T-Shirt, quantity 3, XXL size, and RM45 price. Below this, there is a 'Review' text area and a 'Rating' section with five stars. At the bottom are 'Submit' and 'Back' buttons. The page also features a sidebar with links for My Account, Change Password, My Purchase, and My Reviews.

10. View Review page

The screenshot shows a 'Write Review' page for Order #14. The order was placed on 2019-03-13 08:50PM and confirmed on 2019-03-13 08:50PM. The item is a 'Tsum Tsum - Winnie White' in size S, quantity 2, at RM32. The review text is 'Wow. Good product. Nice quality.' and it has a rating of 5 stars. A back button is visible at the bottom.

11. My Review page

The screenshot shows a 'My Review' page displaying several reviews. The reviews are:

| Rating | Review | Item Name | Submitted Date Time |
|--------|---------------------------------|--------------------------|---------------------|
| ★★★★★ | Testing 123 123 Testing | OK Find Whatever T-Shirt | 2019-04-09 02:53AM |
| ★★★★★ | Nice quality. Nice printing. | Mickey Camera - Black | 2019-04-05 08:36AM |
| ★★★★★ | 1234 qwer | Mickey Camera - Black | 2019-04-02 03:19PM |
| ★★★★★ | QWERTY123123 | OK Find Whatever T-Shirt | 2019-03-26 10:11AM |
| ★★★★★ | 99999 | Super Heroes | 2019-03-19 09:12AM |
| ★★★★★ | 123456 | Super Heroes | 2019-03-19 09:11AM |

12. Cart page

The screenshot shows a 'Cart' page with one item: a 'Super Heroes' t-shirt in size XS, priced at RM16.00, quantity 1, with a total of RM16. The subtotal is RM16. A checkbox for 'Select All' is available, and a 'CHECKOUT' button is present.

Backend

1. Login page

The image consists of two parts. On the left, there is a photograph of two women in a workspace; one is at a desk with a laptop, and they are both looking at a document on the table. On the right is a screenshot of the "LiveTee Admin Panel" login interface. It features a blue header with the text "LiveTee Admin Panel" and "SIGN IN". Below this is a form with fields for "Email" containing "jeslyn_ng11@hotmail.com" and "Password" containing "*****". A blue "Log In" button is at the bottom.

2. Dashboard page

This is a screenshot of the "LiveTee Admin Panel" dashboard. The top navigation bar includes a logo, the title "Dashboard", and user icons for notifications and profile. The left sidebar has a "Logout" button. The main area contains four colored boxes representing different modules: a dark grey box for "Orders", a cyan box for "Items", an orange box for "Sales Report", and a dark blue box for "Staff".

3. Clothing – Add page

This is a screenshot of the "Clothing - Add" page. The left sidebar shows a "Logout" button. The main form fields include: "Item Name" (text input), "Price" (text input with "RM 0.00"), "Description" (text area), "Available Size" (checkboxes for XS, S, M, L, XL, XXL), "Category" (dropdown menu set to "Dresses"), "Image" (file input with placeholder "Choose File No file chosen"), "Tag" (dropdown menu set to "Sales"), and "Status" (checkboxes for "Available" and "Not Available"). A "Submit" button is at the bottom.

4. Clothing – Edit page

The screenshot shows the 'Clothing - Edit' page. On the left is a dark sidebar with a red 'LIVET' logo at the top. Below it are links: Dashboard, Clothing (+), Stock (+), Order (+), Sales Report, Staff (+), and Logout. The main area has a header 'Clothing - Edit' with a search bar. Below is a table with columns: Clothing ID, Clothing Name, Category, Size Available, Status, and Action. The table contains 8 rows of clothing items.

| Clothing ID | Clothing Name | Category | Size Available | Status | Action |
|-------------|--------------------------|----------|-----------------|-----------|--------|
| 43 | Mickey Camera - Black | Dresses | XS,S,M | Available | |
| 44 | Spiderman - Black | Tops | S,M,L,XL | Available | |
| 45 | Super Heroes | T-Shirts | XS,S,M,L,XL | Available | |
| 48 | Tsum Tsum - Winnie White | T-Shirts | S,M,L,XL | Available | |
| 49 | OK Find Whatever T-Shirt | T-Shirts | XS,S,M,L,XL,XXL | Available | |
| 50 | Dinosaur - Yellow | T-Shirts | XS,S,M,L | Available | |
| 51 | Donald Duck - White | T-Shirts | XS,S,M,L,XL,XXL | Available | |
| 52 | Baymax - Blue | T-Shirts | XS,S,M,L,XL,XXL | Available | |

5. Clothing – Edit_Edit page

The screenshot shows the 'Clothing - Edit' page with a 'Back' link. The sidebar and table from the previous screen are visible. The main area has a form for editing an item. Fields include Item Name (Mickey Camera - Black), Price (RM 16.00), Description (Mickey Camera - Black), Available Size (XS, S, M, L, XL, XXL), Category (Dresses), Image (Choose File), Tag (Sales), and Status (Available). There is also an 'Update' button.

6. Stock – Add page

The screenshot shows the 'Stock - Add' page. The sidebar and table from the previous screens are visible. The main area has a header 'Stock - Add' with a search bar. Below is a table with columns: Clothing ID, Clothing Name, Category, Size Available, Status, and Action. The table contains 8 rows of clothing items, each with an 'Add Stock' button in the Action column.

| Clothing ID | Clothing Name | Category | Size Available | Status | Action |
|-------------|--------------------------|----------|-----------------|-----------|-----------|
| 43 | Mickey Camera - Black | Dresses | XS,S,M | Available | Add Stock |
| 44 | Spiderman - Black | Tops | S,M,L,XL | Available | Add Stock |
| 45 | Super Heroes | T-Shirts | XS,S,M,L,XL | Available | Add Stock |
| 48 | Tsum Tsum - Winnie White | T-Shirts | S,M,L,XL | Available | Add Stock |
| 49 | OK Find Whatever T-Shirt | T-Shirts | XS,S,M,L,XL,XXL | Available | Add Stock |
| 50 | Dinosaur - Yellow | T-Shirts | XS,S,M,L | Available | Add Stock |
| 51 | Donald Duck - White | T-Shirts | XS,S,M,L,XL,XXL | Available | Add Stock |
| 52 | Baymax - Blue | T-Shirts | XS,S,M,L,XL,XXL | Available | Add Stock |

7. Stock – Add_Add page

LIVET

Stock - Add

[Stock - Add](#) [Back](#)

| | |
|-----------|-----------------------|
| Item Name | Mickey Camera - Black |
| Size | XS |
| Quantity | 1 |

Add Stock

Logout

8. Stock – View page

LIVET

Stock - View

[Stock - View](#)

| | |
|----------|-----|
| Category | All |
| Status | All |

Search

| Clothing ID | Clothing Name | Category | Size Available | Status | Total Stock | Action |
|-------------|---------------------------|----------|------------------|-----------|-------------|----------------------------|
| 43 | Mickey Camera - Black | Dresses | X.S.S.M | Available | 38 | View Stock |
| 44 | Spiderman - Black | Tops | S.M.L.XL | Available | 13 | View Stock |
| 45 | Super Heroes | T-Shirts | X.S.S.M.L.XL | Available | 3 | View Stock |
| 48 | Tsum Tsum - Winnie White | T-Shirts | S.M.L.XL | Available | 0 | View Stock |
| 49 | OK Find Whatevver T-Shirt | T-Shirts | X.S.S.M.L.XL.XXL | Available | 20 | View Stock |
| 50 | Dinosaur - Yellow | T-Shirts | X.S.S.M.L | Available | 0 | View Stock |
| 51 | Donald Duck - White | T-Shirts | X.S.S.M.L.XL.XXL | Available | 0 | View Stock |
| 52 | Baymax - Blue | T-Shirts | X.S.S.M.L.XL.XXL | Available | 10 | View Stock |

1 < 1 >

Logout

9. Stock View _View page

LIVET

Stock - View

[Stock - View](#) [Back](#)

| Clothing Name | Size | Quantity |
|-----------------------|------|----------|
| Mickey Camera - Black | XS | 23 |
| | S | 5 |
| | M | 10 |

Logout

10. Order Manage page

The screenshot shows the 'Order - Manage' page. On the left is a dark sidebar with 'LIVET' at the top, followed by 'Dashboard', 'Clothing +', 'Stock +', 'Order +', 'Sales Report', 'Staff +', and 'Logout' at the bottom. The main area has a header 'Order - Manage' with a search bar and notification icons. Below is a table with columns: Order ID, Username, Email, Date & Time, and Action. The table contains 10 rows of order data. At the bottom right are navigation arrows.

| Order ID | Username | Email | Date & Time | Action |
|----------|-----------|-------------------------|--------------------|--------------|
| #48 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 07:53PM | Manage Order |
| #47 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 07:14PM | Manage Order |
| #46 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 04:11PM | Manage Order |
| #45 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 04:06PM | Manage Order |
| #44 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 04:05PM | Manage Order |
| #43 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 02:48PM | Manage Order |
| #42 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 10:06AM | Manage Order |
| #41 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-07 03:52PM | Manage Order |
| | | | | |

11. Order Manage_Manage page

The screenshot shows the 'Order - Manage' page with a 'Back' link. The sidebar and header are identical to the previous screenshot. The main area displays detailed order information for order #48, including address, date & time, item details, tracking number input field, and a 'Confirm Order' button.

| Item ID | Stock Available | Item Name | Size | Quantity |
|---------|-----------------|-------------------|------|----------|
| 44 | 13 | Spiderman - Black | S | 2 |

12. Order History page

The screenshot shows the 'Order - History' page. The sidebar and header are identical to the previous screenshots. The main area has a header 'Order - History' with a search bar and notification icons. Below is a table with columns: Order ID, Username, Email, Order Confirmed On, Tracking Number, Order Status, and Action. The table contains 14 rows of order history data. At the bottom right are navigation arrows.

| Order ID | Username | Email | Order Confirmed On | Tracking Number | Order Status | Action |
|----------|-----------|-------------------------|--------------------|------------------|--------------|----------------------------|
| 49 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-10 03:22PM | MY890128390935PS | Delivering | View Order |
| 39 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-05 08:26AM | MY890128390166PS | Received | View Order |
| 37 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-05 08:27AM | MY890128390167PS | Received | View Order |
| 27 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-02 03:18PM | MY8988888888PS | Received | View Order |
| 26 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-03-28 11:27PM | MY890128390789PS | Received | View Order |
| 21 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 01:12PM | MY890128390117PS | Delivering | View Order |
| 20 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 01:12PM | MY890128327213PS | Delivering | View Order |
| 18 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 01:12PM | MY89012213067PS | Delivering | View Order |
| 17 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-03-19 09:09AM | MY890128390999PS | Received | View Order |
| 16 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-03-14 10:38PM | MY890128390888PS | Received | View Order |
| | | | | | | |

13. Order – History_View page

LIVET Order - History [Back](#)

Username: Jeslyn Ng
Email: jeslyn_ng11@hotmail.com
Staff in Charge: Jes Jes (2)
Order Confirmed on: 2019-03-19 09:09AM

Order Date & Time: 2019-03-19 09:09AM

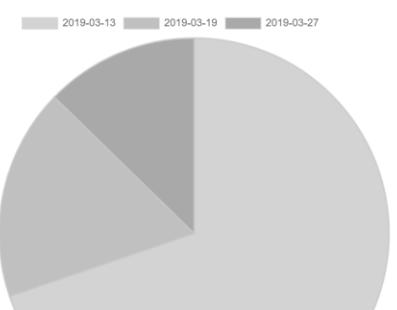
| Item ID | Item Name | Size | Quantity | Price (Total) |
|---------|-------------------------|------|----------|---------------|
| 45 | Super Heroes | XS | 1 | RM16 |
| 45 | Super Heroes | XS | 1 | RM16 |
| 49 | OK Find Whateve T-Shirt | XL | 2 | RM30 |
| | | | | RM62 |

Logout

14. Sales Report page

LIVET Sales Report

Period: Last Month
Graph Type: Pie
[Save as Image](#)



2019-03-13 2019-03-19 2019-03-27

Logout

15. Staff – Add page

LIVET Staff - Add

Staff - Add

Full Name:
Email:
Role:

[Submit](#)

Logout

16. Staff – Edit page

The screenshot shows the 'Staff - View' page. On the left is a sidebar with a 'Logout' button at the bottom. The main area has a search bar with a dropdown for 'Role' set to 'All' and a 'Search' button. Below is a table with columns: Staff ID, Staff Name, Staff Email, Staff Role, Created DateTime, and Action. Two rows are listed:

| Staff ID | Staff Name | Staff Email | Staff Role | Created DateTime | Action |
|----------|------------|-------------------------|------------|--------------------|--------|
| 1 | Wayne | wayne.ng6010@gmail.com | Admin | 2019-02-16 05:17PM | |
| 2 | Jes Jes | jeslyn_ng11@hotmail.com | Admin | 2019-03-07 11:03PM | |

Pagination at the bottom shows page 1 of 1.

17. My Account – Change Password

The screenshot shows the 'My Account' page. On the left is a sidebar with a 'Logout' button at the bottom. The main area has a table of account details:

| | |
|------------|-------------------------|
| ID | 2 |
| Name | Jes Jes |
| Email | jeslyn_ng11@hotmail.com |
| Role | 1 |
| Created On | 2019-03-07 11:03PM |

Below is a 'Change Password' section with three input fields: 'Current Password', 'New Password' (with validation 'At least 8 characters'), and 'Confirm New Password'. A 'Confirm' button is at the bottom.

18. First Login – Change Password page

The screenshot shows the 'First Login - Change Password' page. It has three input fields: 'Old Password', 'New Password', and 'Confirm New Password'. A 'Save' button is at the bottom.

Literature Review

Topic 1: The Effect of Perceived Risk on Online Shopping in Jordan

Online shopping may have perceived risks, such as consumers are not able to ensure the quality of the product directly and the security of payment through online (Salo and Karjaluoto, 2007; Zhou et al., 2008). Consumers have to rely and trust on the product information and image shown online to examine the quality of product (Jarvenpaa and Tractinsky, 1999). Time risks during purchasing online including slow delivery time and difficulty on placing orders (Forsythe et al., 2006). Consumers have to worry that the goods will be damaged during delivery due to improper packaging or handling of goods (Claudia, 2012). Consumers are concern about the security risk of using credits cards and revealing personal information online (Pallab, 1996). Consumers will avoid websites that require them to provide personal information for registration (Kayworth and Whitten, 2010).

Topic 2: Literature derived reference models for the adoption of online shopping

Perceived risk on online shopping, such as credit cards problem and receiving wrong items, will negatively affect consumers' shopping intention (A. Bhatnagar, S. Misra, H.R. Rao, 2000). Website accessibility will influence the shopping intention of consumers (H. Li, C. Kuo, M.G. Russell, 1999). Trust issue also became a major problem in adoption of online shopping (B. Friedman, P.H. Kahn, D.C. Howe ,2000). The higher of trustfulness, the higher the shopping intention of consumers (A.M. Chircu, G.B. Davis, R.J. Kauffman, 2000). The knowledge of using computer and online shopping of consumers are positively related to online shopping adoption (C.V. Slyke, 2002). Hence, consumers with higher understanding in technology and its operation process will lead to higher rate of online shopping. Online selling system that managed and operated by acknowledged companies will have higher competitive advantage over other companies (K. McKinsey, 2001).

Topic 3: What Makes Consumers Buy from Internet? A Longitudinal Study of Online Shopping

Discounts, coupons or other offers should be given to consumers in order to attract them to shop online (Gehrke and Turban, 1999). Customers' confidence on the online shopping system can be increased by using keywords such as "Secure Server" (Gehrke and Turban, 1999). Checkout process should not be too complicated as customers will get frustrated (Lohse and Spiller, 1998). Guarantees and warranties should be offered to customers so that the customer service can be improved (Dholakia and Rego, 1998). In order to reach higher sales, Frequently Asked Question (FAQ) about the company and its products should be implemented (Lohse and Spiller, 1988). Showing certain benefit of a product is able to increase the quality of content on online shopping system (Dholakia and Rego, 1998).

Topic 4: An empirical analysis of online shopping adoption in Beijing, China

A website with poor design makes consumers not to shop online (Shergill and Chen, 2005). Security and privacy features are able to attract consumers to shop online (Suki, 2007). Poor service quality in e-commerce will negatively affect the decision of

consumers to purchase online (Vijayasarathy and Jones, 2000). A good price is able to attract consumers to purchase online (Ahuja et al., 2003). The main reason of why consumers shop online is because the wide variety of products (Szymanski and Hise, 2000). Lack of product guarantee will prevent consumer to buy goods online, especially for product with high price (Koyuncu and Bhattacharya, 2004). Koyuncu and Bhattacharya (2004) also stated that consumers would lower the rate of purchasing online if they do not receive the item within guaranteed time.

Topic 5: Factors influencing consumers' online shopping in China

Most of the consumers that shop online are male as it involve using computer (Dholakis and Chiang, 2003). The higher the education level of consumers, the higher their exposure to internet technology as they have more confidence (Hui and Wan, 2007). Consumers that shop online tend to have higher income compared to traditional store shoppers (Mahmood et al., 2004). The number of children of married Chinese can be used to predict their shopping intention on clothing (Kim and Kim, 2004). The consumers will only choose to shop online on a channel if they are confident with that channel and the perceived risk is low (Black et al., 2002). As the internet availability is getting higher and higher nowadays, more Chinese consumers tend to use the internet for information, communication and entertainment purpose (Gong et al., 2013).

System Development and Implementation

i. Functional Requirement

Module Name: User Account Management

- Customer is able to register an new account
- Able to edit profile information
- Admin is able to register an new account for admin or staff
- Able to view profile

Module Name: Products (Cloths)

- Able to view products with search filters
- Able to add products
- Able to view existing products
- Able to restock products
- Able to view available stocks
- Able to delete products
- Able to edit products information

Module Name: Purchase

- Able to add item to cart
- Able to view cart items
- Able to remove item from cart
- Able to edit quantity or size in cart
- Able to make payment
- Able to view purchase history

- Admin is able to manage orders from customers
- Admin is able to view sales history

Module Name: Report

- Admin is able to view sales using graphs
- Admin is able to select type of graphs
- Admin is able to select the range of sales report

Module Name: Review and rating

- User is able to provide review and rating
- Visitors are able to view review and rating

ii. Conversion Plan

Phased Conversion

Phased conversion means replacing the current system with new one in phases until the current system is fully replaced by new system. New system is broken down by smaller modules and replace corresponding modules in current system. The reason of choosing this conversion plan is that it allows the users to get familiar with the system gradually. Users do not need to worry about using the complete new system without any prior knowledge as they can be trained stage by stage. By doing this, mistakes made by user can be decreased as well. Besides, phased conversion allows developers to detect and resolve the errors and bugs without a lot of down time. The new system will be tested modules by modules, which mean resolution of an error is focused on a module and hence time needed for debugging will be shorten. Although using phased conversion will require much of time for complete implementation of new system, but the risk of getting system catastrophe is able to decrease.

Program Listing

| Modules | Pages Created |
|-----------------------------|---|
| 1.0 User Account Management | userLogin.php userLogout.php userRegister.php userAccount.php userChangePassword.php adminLogin.php adminStaffAdd.php adminStaffView.php adminAccount.php adminFirstLogin.php |
| 2.0 Products (Cloths) | adminClothingAdd.php adminClothingEdit.php adminClothingEdit_Edit.php adminStockAdd.php adminStockAdd_Add.php adminStockView.php adminStockView_View.php userShop.php userProduct.php |
| 3.0 Purchase | adminOrderHistory.php adminOrderHistory_View.php adminOrderManage.php adminOrderManage_Manage.php userCart.php userPurchase.php checkout.php |
| 4.0 Report | adminSales.php |
| 5.0 Review and rating | userReview.php userViewReview.php userWriteReview.php |

System Testing and Maintenance

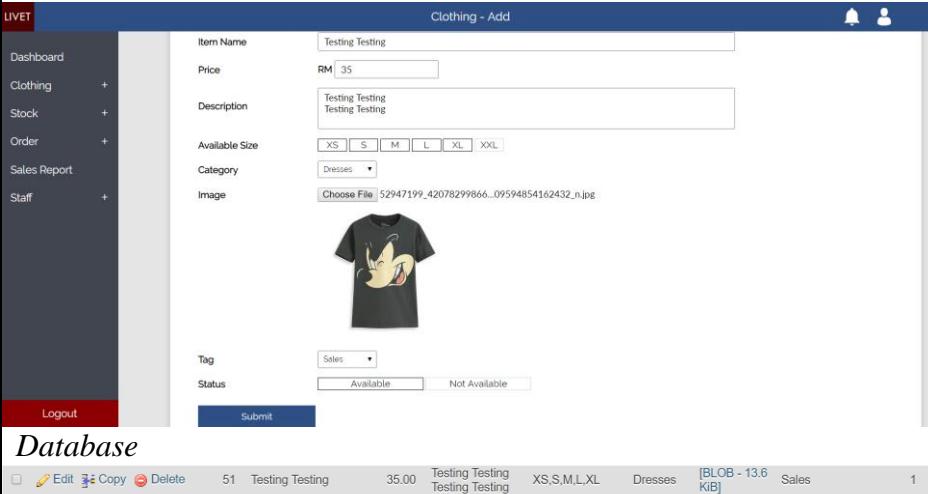
i. Test Plan and Test Case

Test Plan

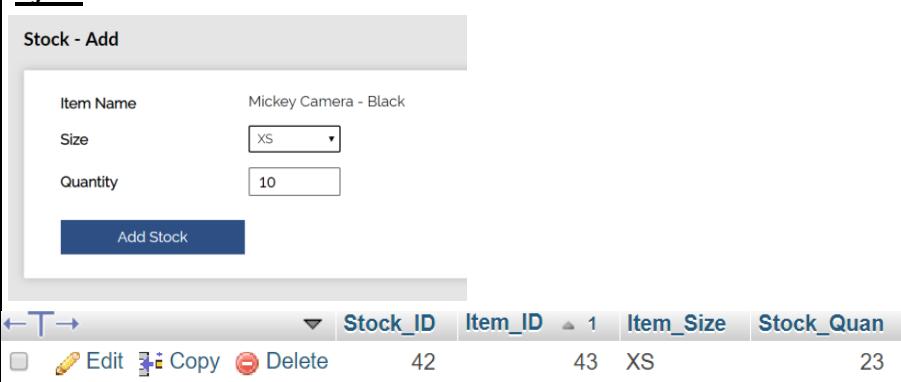
| Test Case No. | Description |
|----------------------|--|
| 1.0 | To test the Add Clothing Button. Details of new clothing will be saved in database. |
| 2.0 | To test the Add Stock Button. New stock amount will be updated in database. |
| 3.0 | To test the Search Button for clothing. Clothing name or ID that match with the keyword entered by user will be displayed. |
| 4.0 | To test the Delete Button for clothing. Clothing will be deleted from database. |
| 5.0 | To test the Save Button for sales report. Sales report will be downloaded to local computer from database. |
| 6.0 | To test the Register Now Button on user page. Details entered by new user will be saved in database. |
| 7.0 | To test the Checkout Button on cart page. The webpage will be redirected to PayPal page to proceed with payment. |
| 8.0 | To test the Confirm Button on change password page. New password will be saved in database. |
| 9.0 | To test the Submit Review Button. Reviews and rating submitted by user will be displayed on respective product page. |
| 10.0 | To test the Add To Cart Button. Item selected by user along with the size and quantity will be inserted to database. |

Test Case

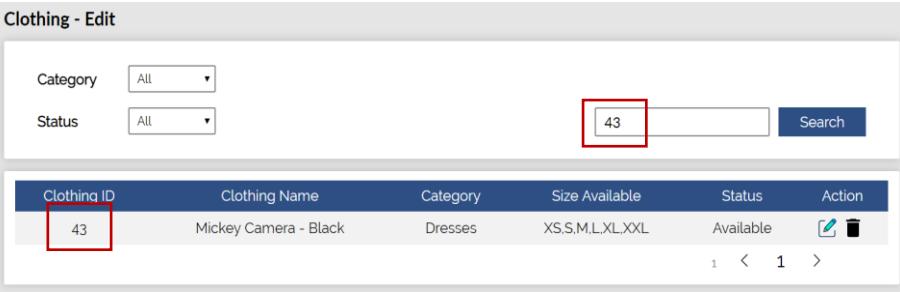
Module Name: Products (Cloths)

| | |
|------------------------|---|
| Test Case no. | 1.0 |
| Test Objective | To test the Add Clothing Button. |
| Test Data | Add Button |
| Expected result | Details of new clothing will be saved in database. |
| Actual result |  <p>The screenshot shows the 'Clothing - Add' form. The left sidebar has 'LIVET' at the top, followed by 'Dashboard', 'Clothing +', 'Stock +', 'Order +', 'Sales Report', and 'Staff +'. At the bottom are 'Logout' and 'Database' buttons. The main area has fields for 'Item Name' (Testing Testing), 'Price' (RM 35), 'Description' (Testing Testing Testing Testing), 'Available Size' (XS, S, M, L, XL, XXL), 'Category' (Dresses), and 'Image' (choose file: 52947199_4207829966_09594854162432_n.jpg). Below the image is a preview of a black t-shirt with a yellow cartoon character. The 'Tag' dropdown is set to 'Sales', and the 'Status' dropdown has 'Available' selected. A 'Submit' button is at the bottom. At the very bottom, there's a footer with icons for Edit, Copy, Delete, and a table summary: 51 Testing Testing, 35.00 Testing Testing, XS,S,M,L,XL Dresses [BLOB - 13.6 Kib], Sales 1.</p> |
| Remark | Successful |

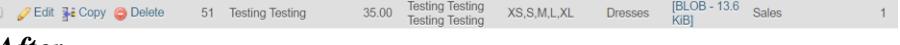
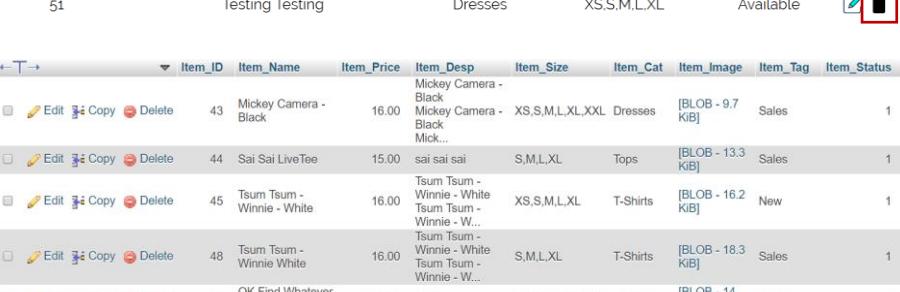
Module Name: Products (Cloths)

| | |
|------------------------|---|
| Test Case no. | 2.0 |
| Test Objective | To test the Add Stock Button. |
| Test Data | Add Button |
| Expected result | New stock amount will be updated in database. |
| Actual result | <p><u>Before</u></p>  <p><u>After</u></p>  |
| Remark | Successful |

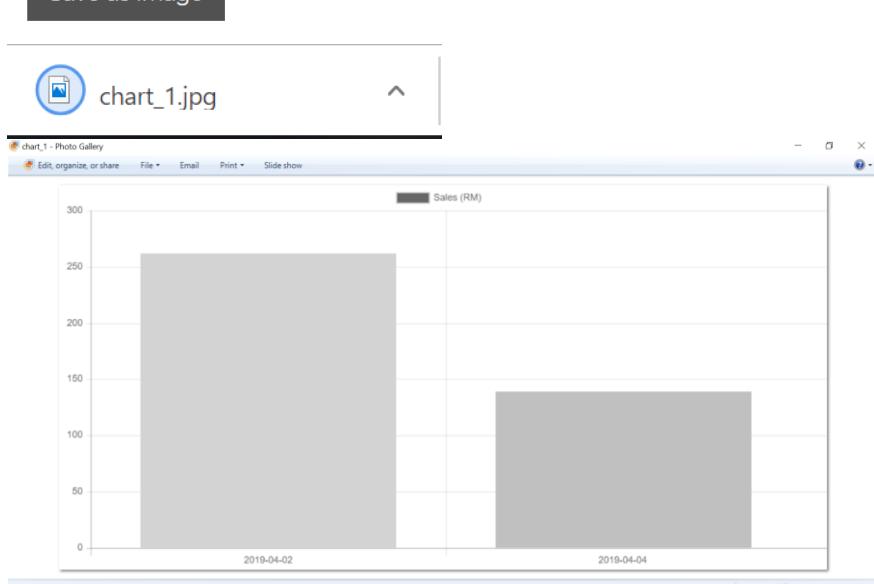
Module Name: Products (Cloths)

| | |
|------------------------|--|
| Test Case no. | 3.0 |
| Test Objective | To test the Search Button for clothing. |
| Test Data | Search Button |
| Expected result | Clothing name or ID that match with the keyword entered by user will be displayed. |
| Actual result |  <p>The screenshot shows a search interface for clothing items. At the top, there are filters for Category (All) and Status (All). Below these is a search input field containing the value '43', which is also highlighted with a red box. To the right of the input field is a 'Search' button. The main area displays a table of clothing items. One item in the table has its 'Clothing ID' (43) and 'Category' (Dresses) highlighted with red boxes. The table columns include Clothing ID, Clothing Name, Category, Size Available, Status, and Action. The status for the highlighted item is 'Available'. At the bottom of the table, there are navigation arrows and a page number indicator showing '1 < 1 >'.</p> |
| Remark | Successful |

Module Name: Products (Cloths)

| | |
|------------------------|---|
| Test Case no. | 4.0 |
| Test Objective | To test the Delete Button for clothing. |
| Test Data | Delete Button |
| Expected result | Clothing will be deleted from database. |
| Actual result | <p><u>Before</u></p>  <p>The screenshot shows a list of clothing items. At the top, there are buttons for Edit, Copy, and Delete. Item ID 43, 'Mickey Camera - Black', is highlighted with a red box. The table columns include Item_ID, Item_Name, Item_Price, Item_Descrip, Item_Size, Item_Cat, Item_Image, Item_Tag, and Item_Status. The status for item 43 is 'Available'. At the bottom right, there is a delete icon, which is also highlighted with a red box.</p> <p><u>After</u></p>  <p>The screenshot shows the same list of clothing items after item ID 43 has been deleted. The row for 'Mickey Camera - Black' is missing from the table. The delete icon at the bottom right is highlighted with a red box.</p> |
| Remark | Successful |

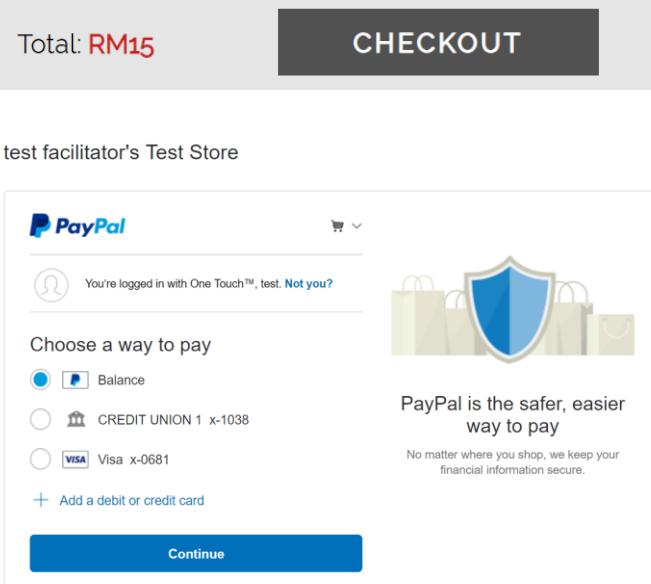
Module Name: Report

| | |
|------------------------|--|
| Test Case no. | 5.0 |
| Test Objective | To test the Save Button for sales report. |
| Test Data | Download Button |
| Expected result | Sales report will be downloaded to local computer from database. |
| Actual result | <p>Period <input type="button" value="This Month ▾"/></p> <p>Graph Type <input type="button" value="Bar ▾"/></p> <p>Save as Image</p>  |
| Remark | Successful |

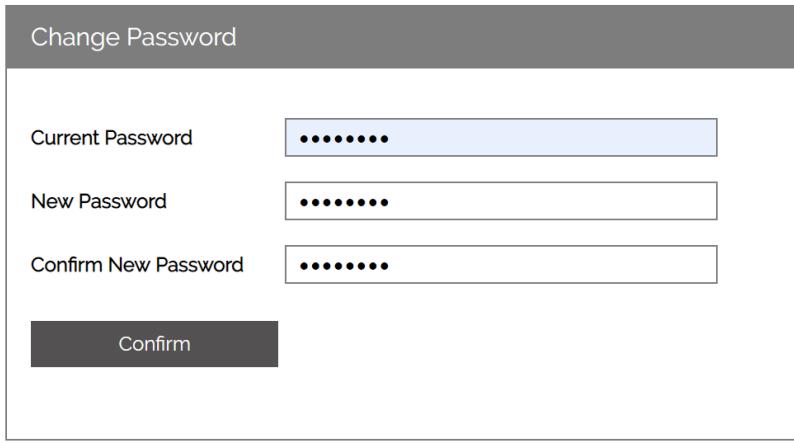
Module Name: User Account Management

| | | | | | | | | | | |
|------------------------|--|------------------------|------------------|------------------------|--------------------------|---------------------|--------------------------|---------------------|-------|--------|
| Test Case no. | 6.0 | | | | | | | | | |
| Test Objective | To test the Register Now Button on user page. | | | | | | | | | |
| Test Data | Register Button | | | | | | | | | |
| Expected result | Details entered by new user will be saved in database. | | | | | | | | | |
| Actual result | <p>Create Your LiveTee Account Login Here</p> <p>Database</p> <table border="1"> <tr> <td>11</td> <td>Testing Test</td> <td>testing123@hotmail.com</td> <td>\$2y\$10\$HzTa9I</td> <td>01012345678</td> <td>11, Jalan Kumar, Gelugor</td> <td>2019-04-09 02:42:00</td> <td>11700</td> <td>Penang</td> </tr> </table> | 11 | Testing Test | testing123@hotmail.com | \$2y\$10\$HzTa9I | 01012345678 | 11, Jalan Kumar, Gelugor | 2019-04-09 02:42:00 | 11700 | Penang |
| 11 | Testing Test | testing123@hotmail.com | \$2y\$10\$HzTa9I | 01012345678 | 11, Jalan Kumar, Gelugor | 2019-04-09 02:42:00 | 11700 | Penang | | |
| Remark | Successful | | | | | | | | | |

Module Name: Purchase

| | |
|------------------------|--|
| Test Case no. | 7.0 |
| Test Objective | To test the Checkout Button on cart page. |
| Test Data | Checkout Button |
| Expected result | The webpage will be redirected to PayPal page to proceed with payment. |
| Actual result | <p>Total: RM15</p> <p style="text-align: center;">CHECKOUT</p>  |
| Remark | Successful |

Module Name: User Account Management

| Test Case no. | 8.0 | | | | | | | | | | | | | | | | |
|------------------------|---|------------------------|--|------------|---------------|---|--------------|------------------------|--|---------|-----------|------------|---------------|---|--------------|------------------------|--|
| Test Objective | To test the Confirm Button on change password page. | | | | | | | | | | | | | | | | |
| Test Data | Save Button | | | | | | | | | | | | | | | | |
| Expected result | New password will be saved in database. | | | | | | | | | | | | | | | | |
| Actual result |  <u>Old Password</u> <table border="1"> <thead> <tr> <th>User_ID</th> <th>User_Name</th> <th>User_Email</th> <th>User_Password</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Ng Yuan Shen</td> <td>wayne.ng6010@gmail.com</td> <td>\$2y\$10\$8xXf.u6Id9.fYu9zzNtTr.kquVnNfa/qTozHoQlfOb3...</td> </tr> </tbody> </table> <u>New Password</u> <table border="1"> <thead> <tr> <th>User_ID</th> <th>User_Name</th> <th>User_Email</th> <th>User_Password</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Ng Yuan Shen</td> <td>wayne.ng6010@gmail.com</td> <td>\$2y\$10\$Q8g6LHYNVHJvrrc9J.TIEOejJNh4gViNdppRkb1e0jv...</td> </tr> </tbody> </table> | User_ID | User_Name | User_Email | User_Password | 6 | Ng Yuan Shen | wayne.ng6010@gmail.com | \$2y\$10\$8xXf.u6Id9.fYu9zzNtTr.kquVnNfa/qTozHoQlfOb3... | User_ID | User_Name | User_Email | User_Password | 6 | Ng Yuan Shen | wayne.ng6010@gmail.com | \$2y\$10\$Q8g6LHYNVHJvrrc9J.TIEOejJNh4gViNdppRkb1e0jv... |
| User_ID | User_Name | User_Email | User_Password | | | | | | | | | | | | | | |
| 6 | Ng Yuan Shen | wayne.ng6010@gmail.com | \$2y\$10\$8xXf.u6Id9.fYu9zzNtTr.kquVnNfa/qTozHoQlfOb3... | | | | | | | | | | | | | | |
| User_ID | User_Name | User_Email | User_Password | | | | | | | | | | | | | | |
| 6 | Ng Yuan Shen | wayne.ng6010@gmail.com | \$2y\$10\$Q8g6LHYNVHJvrrc9J.TIEOejJNh4gViNdppRkb1e0jv... | | | | | | | | | | | | | | |
| Remark | Successful | | | | | | | | | | | | | | | | |

Module Name: Review and Rating

| | |
|------------------------|---|
| Test Case no. | 9.0 |
| Test Objective | To test the Submit Review Button. |
| Test Data | Submit Button |
| Expected result | Reviews and rating submitted by user will be displayed on respective product page. |
| Actual result | <p>Write Review</p> <p>Order #37 Placed on 2019-04-04 10:59PM Confirmed on 2019-04-05 08:27AM</p>  <p>OK Find Whatever T-Shirt</p> <p>Review Testing 123 123 Testing</p> <p>Rating ★ ★ ★ ★ ★</p> <p>Submit Back</p> <p> </p> <p> Jeslyn Ng ★★★★★ Testing 123 123 Testing 2019-04-09 02:53AM</p> |
| Remark | Successful |

Module Name: Purchase

| Test Case no. | 10.0 | | | | | | | | | | |
|---|--|--------------|---|--------------|----------|-------|---|---|---------|---|------|
| Test Objective | To test the Add To Cart Button. | | | | | | | | | | |
| Test Data | Add Button | | | | | | | | | | |
| Expected result | Item selected by user along with the size and quantity will be inserted to database. | | | | | | | | | | |
| Actual result | <p>MICKEY CAMERA - BLACK RM 16.00</p> <p>Size <input type="button" value="M ▾"/></p> <p>Quantity <input type="text" value="3"/> 10 piece available</p> <p>ADD TO CART</p> <p>Cart</p> <table border="1"> <thead> <tr> <th>Item</th> <th>Size</th> <th>Price (Each)</th> <th>Quantity</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td></td> <td>M</td> <td>RM16.00</td> <td><input type="text" value="3"/> Stock: 10</td> <td>RM48</td> </tr> </tbody> </table> | Item | Size | Price (Each) | Quantity | Total |  | M | RM16.00 | <input type="text" value="3"/> Stock: 10 | RM48 |
| Item | Size | Price (Each) | Quantity | Total | | | | | | | |
|  | M | RM16.00 | <input type="text" value="3"/> Stock: 10 | RM48 | | | | | | | |
| Remark | Successful | | | | | | | | | | |

ii. Test Result

| Test Case No. | Remark |
|---------------|------------|
| 1.0 | Successful |
| 2.0 | Successful |
| 3.0 | Successful |
| 4.0 | Successful |
| 5.0 | Successful |
| 6.0 | Successful |
| 7.0 | Successful |
| 8.0 | Successful |
| 9.0 | Successful |
| 10.0 | Successful |

Conclusions

i. Problems and Solutions

During the development of the system, I found that each group of orders by user does not have a unique ID, which is important for customers and admins to check back the orders. To resolve this problem, I have created a new table in database that store the order ID of each group of orders placed. While in table that contains all the orders details, a new column is added to store the order ID and the data in this column is linked with order ID in new table. By doing so, all the orders with same order ID can be group together.

Besides, the system requires a payment system but I do not have any knowledge of integrating PayPal or other payment method with the system. In order to develop the payment function, I have carried out researches on Internet. I watched several YouTube tutorials, reading documentations and seek solutions from forums. Besides, I have also seek advice from lecturers on how should I implement PayPal in my system. Eventually, I am able to integrate a working PayPal payment system with my system.

While developing the product page, I realised that the stock quantity of each clothing size should be displayed according to what users selected on the size option tag. However, I do not want the page refreshes every time users change the clothing size on the size option tag, as it will make visitors frustrated. This issue also happens

on cart page when users want to edit the item's details. In order to solve this, I have learnt how to user AJAX to run SQL queries and reload certain part of the webpage without refreshing the whole webpage.

ii. Critical Appraisal

The strength of the new system is user can make payment using PayPal instead of transferring the money to owner's bank account manually. By using PayPal, the system will place the orders automatically once the customer has made the payment, without the need of confirmation by the owner. Besides, the sales report generated can be in various form, such as pie graph, bar graph or line graph. Different type of graphs may be used for different purposes and ease the interpretation of results. User can also adjust the range of the sales report according to his or her own preference, such as sales for this month or sales for last month. Furthermore, the new system is using AJAX (Asynchronous JavaScript and XML) to enhance the user experience. For instance, user can edit the quantity or size of their items in shopping cart without refreshing the page after doing so. For the product page, the use of AJAX also enable the user to view the stock quantity of each size without page refreshing when selecting their preferred size.

For the weakness of the new system is the sales report can only display the amount of sales for each day but not the overall revenue earned on each day and sales on each product. Besides, users of the system are not able to upload their own profile picture to the system, which will cause difficulty of users in identifying each other. Furthermore, users are not able to sort the table by clicking on the headers. Only limited important field can be sorted. In addition, reviews submitted by customers will be posted on the product page directly instead of granting approval by admins. Without prior checking on the reviews, customers may submitted something that is nonsense or vulgar on the system. Finally, users are not provided with suggestions while entering keywords on search bar. Lacking of this function will cause users to perform inaccurate queries (spelling errors), which will also affect the result received.

For the future enhancements, the system should generated sales report in aspects of overall sales and revenue as well as sales and revenue of each item. By doing so, the trend of each item can be identified and the sales of each item can be used to determine what kind of business strategy should be implemented. Besides, the system should enable users to upload their profile picture. Furthermore, tables displayed on the system

should be able to sort by clicking on the table headers. For example, clicking on ‘Name’ header should sort the names in ascending order (A to Z) and by clicking again the ‘Name’ header should sort the names in descending order (Z to A). In addition, the system should enable admins to check all of the reviews by the costumer before posting the review to the product page of the system. Finally, the system should provide users with suggestions while they are typing on the search bar.

User Manual

Frontend

1 Product

BAYMAX - BLUE
RM 25.00

Size
XS

Quantity
1 10 piece available

Select size

Stock Available

ADD TO CART

Product details

DETAILS REVIEWS

g/cotton, 8% elastane

Reviews by other user

2 Login

Welcome to LiveTee! Please login.

Email
jeslyn_ng11@hotmail.com

Password

Login

Not a member? [Register Here](#)

Enter email and password

Register an account

3 Register

Create Your LiveTee Account

Full Name
e.g. Lee Han Solo

Phone Number
010 e.g. 12345678

Email
jeslyn_ng11@hotmail.com

Address

Postal Code
e.g. 11600

Password

Confirm Password
Confirm your password

State
Johor

Enter personal information

By clicking 'Register Now' I agree to LiveTee Privacy Policy

Register Now

Login Here

4 Cart

Logout Shop My Purchase My Account Contact / About Us

Cart

Cart

| Item | Size | Price (Each) | Quantity | Total |
|------|------|--------------|----------|-------|
| | XS | RM16.00 | 1 | RM16 |

Select All Subtotal (1 items): RM16 Total: RM16 **CHECKOUT**

5 Checkout

You're logged in with One Touch™, test. [Not you?](#)

Ship to
test buyer
Level 01, No 1, First Avenue Bandar Utama, 47800 Petaling Jaya, Selangor Malaysia

Change >

PayPal is the safer, faster way to pay

No matter where you shop, we keep your financial information secure.

Pay with [Manage >](#)

PayPal Balance Make PayPal balance my preferred way to pay

Visa x-1776 [Set payment method](#)

[Continue](#)

6 My Account -> My Purchase

Logout Shop My Purchase My Account Contact / About Us

Cart

My Purchase

Order #49
Placed on 2019-04-09 10:53PM

Spiderman - Black Qty: 1 RM15 S [Delivering](#) [Track >](#)

Order #48
Placed on 2019-04-09 07:53PM

Spiderman - Black Qty: 2 RM30 S [Processing](#)

Order tracking

7

My Account -> My Purchase -> Write Review

Write Review

Order #26
Placed on 2019-03-27 11:47AM
Confirmed on 2019-03-28 11:27PM



OK Find Whatever T-Shirt Qty: 3 Qty: XXL RM45

Review

Rating ★ ★ ★ ★ ★ Give rating Write review

Submit Back

8

My Account -> My Purchase -> View Review

Write Review

Order #14
Placed on 2019-03-13 08:50PM
Confirmed on 2019-03-13 08:50PM



Tsum Tsum - Winnie White Qty: 2 Qty: S RM32

Review

Wow. Good product.
Nice quality.

Rating ★ ★ ★ ★ ★ Rating given Review given

< Back

9

My Account

My Account

Full Name

Email

Phone Number

Address

Postal Code

State

Edit personal information

Save

10 My Account -> Change Password

Logout Shop My Purchase My Account Contact / About Us

My Account Jeslyn Ng Cart

Change Password

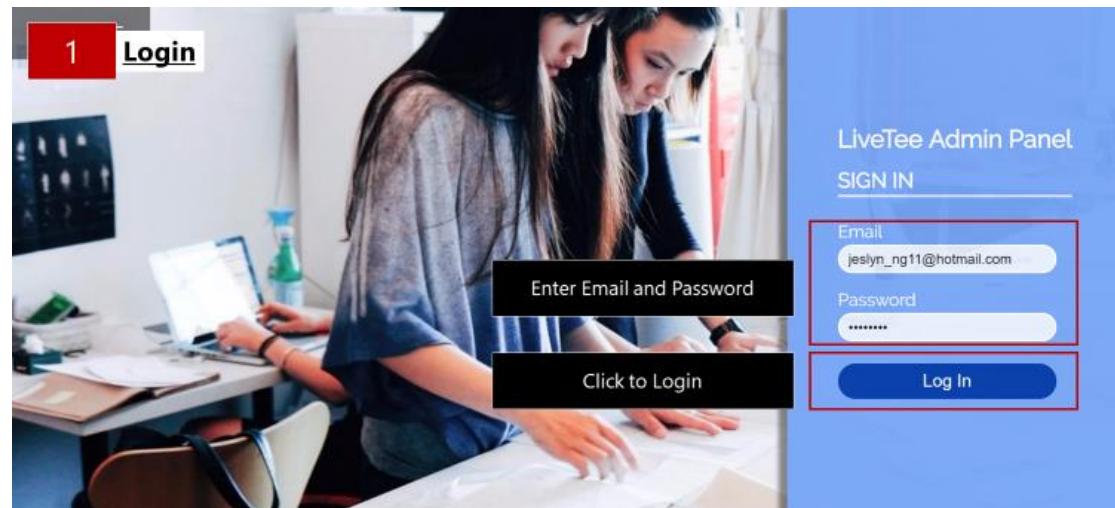
Current Password

New Password At least 8 characters

Confirm New Password Confirm your password

Confirm

Backend



2 Clothing -> Add

Clothing - Add

Clothing - Add

Dashboard

- Clothing +
- Stock +
- Order +
- Sales Report
- Staff +

Logout

Clothing - Add

Item Name

Price RM 0.00

Description

Available Size XS S M L XL XXL

Category Dresses

Image Choose File No file chosen

Tag Sales

Status Available Not Available

Enter Clothing Details

Submit

3 Clothing -> Edit

| Clothing -> Edit | | | | | |
|------------------|--------------------------|----------|-----------------|-----------|--------|
| Clothing -> Edit | | | | | |
| Category | All | | | | |
| Status | All | | | | |
| Search filter | | | | | |
| Clothing ID | Clothing Name | Category | Size Available | Status | Action |
| 43 | Mickey Camera - Black | Dresses | XS | Available | |
| 44 | Spiderman - Black | Tops | S,M,L,XL | Available | |
| 45 | Super Heroes | T-Shirts | XS,S,M,L,XL | Available | |
| 48 | Tsum Tsum - Winnie White | T-Shirts | S,M,L,XL | Available | |
| 49 | OK Find Whatever T-Shirt | T-Shirts | XS,S,M,L,XL,XXL | Available | |
| 50 | Dinosaur - Yellow | T-Shirts | XS,S,M,L | Available | |
| 51 | Donald Duck - White | T-Shirts | XS,S,M,L,XL,XXL | Available | |
| 52 | Baymax - Blue | T-Shirts | XS,S,M,L,XL,XXL | Available | |

4 Clothing -> Edit -> Edit Item

| | |
|----------------------------|---|
| Item Name | <input type="text" value="Mickey Camera - Black"/> |
| Price | <input type="text" value="RM 16.00"/> |
| Description | <input type="text" value="Mickey Camera - Black Mickey Camera - Black Mickey Camera - Black"/> |
| Available Size | <input type="checkbox"/> XS <input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> L <input type="checkbox"/> XL <input type="checkbox"/> XXL |
| Category | <input type="checkbox"/> Dresses |
| Image | <input type="file" value="Choose File"/> No file chosen <small>*Uploading a new image will replace current image.</small> |
| Tag | <input type="checkbox"/> Sales |
| Status | <input type="checkbox"/> Available <input type="checkbox"/> Not Available |
| Change item details | |
| Update | |

5 Stock -> Add

| Stock -> Add | | | | | |
|---------------|--------------------------|----------|-----------------|-----------|--------------------------------|
| Stock -> Add | | | | | |
| Category | All | | | | |
| Status | All | | | | |
| Search filter | | | | | |
| Clothing ID | Clothing Name | Category | Size Available | Status | Action |
| 43 | Mickey Camera - Black | Dresses | XS | Available | Add stock for this item |
| 44 | Spiderman - Black | Tops | S,M,L,XL | Available | |
| 45 | Super Heroes | T-Shirts | XS,S,M,L,XL | Available | |
| 48 | Tsum Tsum - Winnie White | T-Shirts | S,M,L,XL | Available | |
| 49 | OK Find Whatever T-Shirt | T-Shirts | XS,S,M,L,XL,XXL | Available | |
| 50 | Dinosaur - Yellow | T-Shirts | XS,S,M,L | Available | |
| 51 | Donald Duck - White | T-Shirts | XS,S,M,L,XL,XXL | Available | |
| 52 | Baymax - Blue | T-Shirts | XS,S,M,L,XL,XXL | Available | |

6 Stock -> Add -> Add Stock

Stock - Add

Dashboard

Clothing +

Stock +

Order +

Sales Report

Staff +

Logout

STOCK - ADD STOCK

Item Name Mickey Camera - Black

Size XS Size of item to be restock

Quantity 1 Restock quantity

Add Stock

7 Stock -> View

Stock - View

Dashboard

Clothing +

Stock +

Order +

Sales Report

Staff +

Logout

STOCK - VIEW STOCK

| Category | All | | | | | |
|--------------------------|--------------------------|----------|----------------|-----------|-------------|----------------------------|
| Status | All | | | | | |
| Search filter | | | | | | |
| View stock for this item | | | | | | |
| Clothing ID | Clothing Name | Category | Size Available | Status | Total Stock | Action |
| 43 | Mickey Camera - Black | Dresses | XS | Available | 13 | View Stock |
| 44 | Spiderman - Black | Tops | S.M.LXL | Available | 3 | View Stock |
| 45 | Super Heroes | T-Shirts | XS.S.M.LXL | Available | 0 | View Stock |
| 48 | Tsum Tsum - Winnie White | T-Shirts | S.M.LXL | Available | 0 | View Stock |
| 49 | OK Find Whatever T-Shirt | T-Shirts | XS.S.M.LXL.XXL | Available | 20 | View Stock |
| 50 | Dinosaur - Yellow | T-Shirts | XS.S.M.L | Available | 0 | View Stock |
| 51 | Donald Duck - White | T-Shirts | XS.S.M.LXL.XXL | Available | 0 | View Stock |
| 52 | Baymax - Blue | T-Shirts | XS.S.M.LXL.XXL | Available | 10 | View Stock |

1 < 1 >

8 Stock -> View -> View Item Stock

Stock - View

Dashboard

Clothing +

Stock +

Order +

Sales Report

Staff +

Logout

STOCK - VIEW STOCK

Clothing Name
Mickey Camera - Black

Stock quantity for each size

| Size | Quantity |
|------|----------|
| XS | 23 |
| S | 5 |
| M | 10 |

9 Order -> Manage

Order - Manage

| Order ID | Username | Email | Date & Time | Action |
|----------|-----------|-------------------------|--------------------|--------------|
| #48 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 07:53PM | Manage Order |
| #47 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 07:14PM | Manage Order |
| #46 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 04:06PM | Manage Order |
| #45 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 04:05PM | Manage Order |
| #44 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 02:48PM | Manage Order |
| #43 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 10:06AM | Manage Order |
| #42 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-07 03:52PM | Manage Order |
| #41 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-07 03:52PM | Manage Order |

Search filter Search

Logout

10 Order -> Manage -> Manage Order

Order - Manage

| | |
|----------|-------------------------------------|
| Order ID | #48 |
| Username | Jeslyn Ng |
| Email | jeslyn_ng11@hotmail.com |
| Address | 98-11-18, Jalan Bukit, 11700 Penang |

Customer Details

| | | | | |
|-------------------|--------------------|-------------------|------|----------|
| Order Date & Time | 2019-04-09 07:53PM | | | |
| Item ID | Stock Available | Item Name | Size | Quantity |
| 44 | 13 | Spiderman - Black | S | 2 |

Order Details

| | |
|-----------------|----------------------|
| Tracking Number | <input type="text"/> |
|-----------------|----------------------|

Enter tracking number for delivery

Confirm Order

Logout

11 Order -> History

Order - History

| Order ID | Username | Email | Order Confirmed On | Tracking Number | Order Status | Action |
|----------|-----------|-------------------------|--------------------|------------------|--------------|----------------------------|
| 49 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-10 03:22PM | MY890128390935PS | Delivering | View Order |
| 39 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-05 08:26AM | MY890128390935PS | Received | View Order |
| 37 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-05 08:27AM | MY890128390935PS | Delivering | View Order |
| 27 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-02 03:18PM | MY898842327213PS | Received | View Order |
| 26 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-03-28 11:27PM | MY890128390789PS | Received | View Order |
| 21 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 01:12PM | MY890128390117PS | Delivering | View Order |
| 20 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 01:12PM | MY890128327213PS | Delivering | View Order |
| 18 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-04-09 01:12PM | MY89012213067PS | Delivering | View Order |
| 17 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-03-19 09:09AM | MY890128390999PS | Received | View Order |
| 16 | Jeslyn Ng | jeslyn_ng11@hotmail.com | 2019-03-14 10:38PM | MY890128390888PS | Received | View Order |

View order details for this item

Search filter Search

Logout

12 Order -> History -> View Order Details

Order - history

| | | | | |
|--------------------|--------------------------|-------------------|---------------|---------------|
| Username | Jeslyn Ng | Order Information | | |
| Email | jeslyn_ng11@hotmail.com | | | |
| Staff in Charge | Jes Jes (2) | | | |
| Order Confirmed on | 2019-03-19 09:09AM | | | |
| Order Date & Time | 2019-03-19 09:09AM | | | |
| Item ID | Item Name | Size | Quantity | Price (Total) |
| 45 | Super Heroes | XS | 1 | RM16 |
| 45 | Super Heroes | XS | 1 | RM16 |
| 49 | OK Find Whatever T-Shirt | XL | 2 | RM30 |
| | | | Total Payment | RM62 |

13 Sales Report

Sales Report

Period: Last Month
Graph Type: Pie

Search Filter

Save as Image **Download Report**

2019-03-13 2019-03-19 2019-03-27

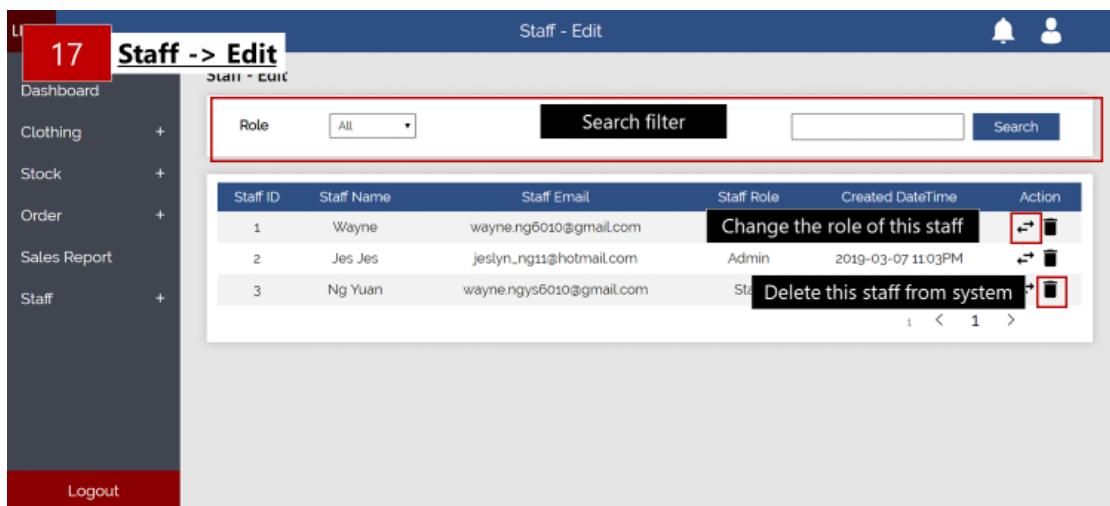
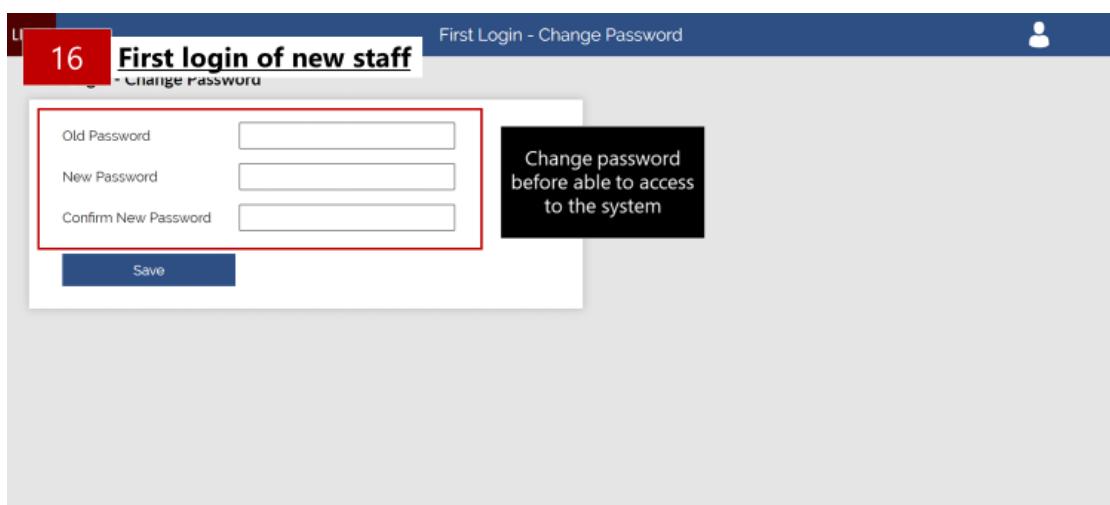
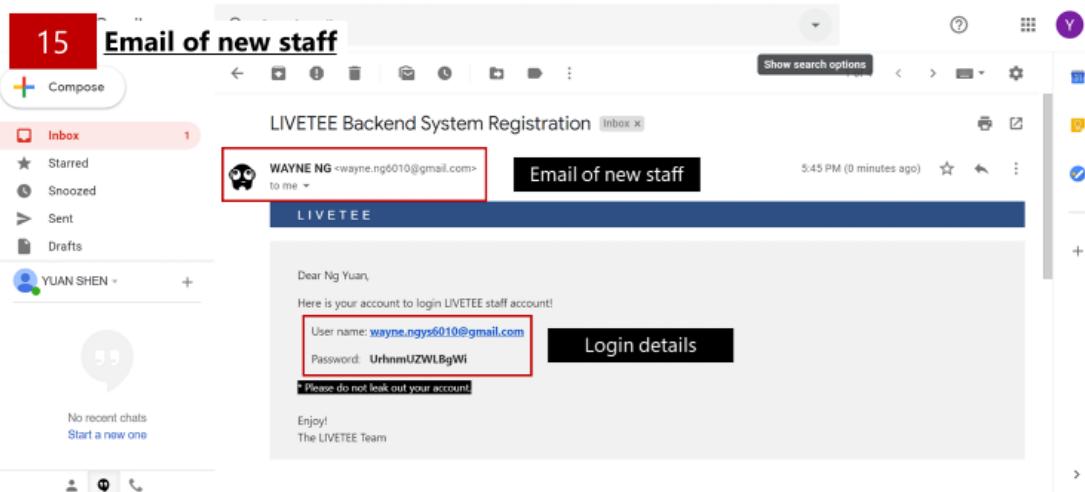
14 Staff -> Add

Staff - Add

Full Name:
Email:
Role: Staff

New Staff Details

Submit **Email will be sent**



18 My Account (Change Password)

My Account

Dashboard

Clothing +

Stock +

Order +

Sales Report

Staff +

Logout

ID 2
Name Jes Jes
Email jeslyn_ng11@hotmail.com
Role 1
Created On 2019-03-07 11:03PM

Account Details

Change Password

Current Password Current Password

New Password At least 8 characters

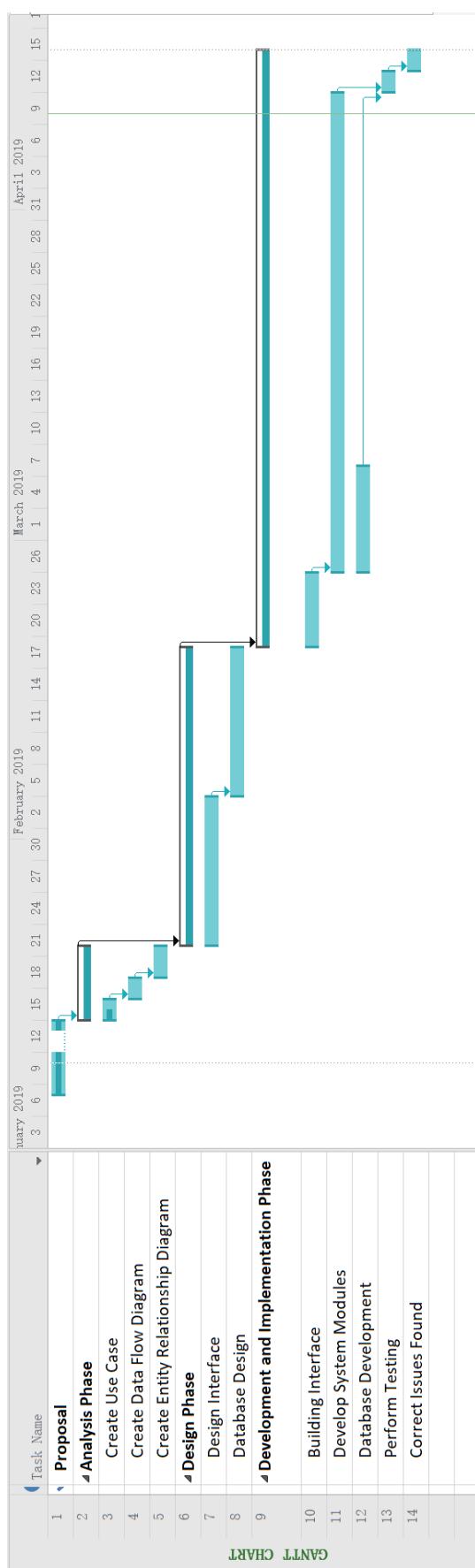
Confirm New Password Confirm your password

Enter current password and new password

Confirm

This screenshot shows a user interface for managing account details and changing a password. On the left, there's a sidebar with navigation links like Dashboard, Clothing, Stock, Order, Sales Report, Staff, and Logout. A red box highlights the 'Account Details' section which contains personal information: ID (2), Name (Jes Jes), Email (jeslyn_ng11@hotmail.com), Role (1), and Created On (2019-03-07 11:03PM). Below this is a 'Change Password' form with three input fields: 'Current Password', 'New Password' (with a note 'At least 8 characters'), and 'Confirm New Password'. A red box surrounds the password input fields. To the right of the password form is a black box containing the instruction 'Enter current password and new password'. At the bottom of the page is a blue 'Confirm' button.

Gantt Chart



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