

Quality Hats Project Proposal

Prepared for: ISCG7420 WAD, ASSIGNMENT 1

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COMPANY NAME

QUALITY HATS PROJECT PROPOSAL

1. Introduction	3
2. Business Specification	3
2.1 BUSINESS ROLES	3
2.1.1 NON REGISTERED CUSTOMERS	3
2.1.2 REGISTERED MEMBERS	4
2.1.3 ADMINISTRATOR	4
2.2 USER INTERFACE DESIGN	7
2.2.1 SITE MAP	7
2.2.2 CUSTOMER PAGE DESIGN	8
2.2.3 ADMIN PAGE DESIGN:	15
3. Database Design	21
3.1 TABLES	21
3.2 ERD DIAGRAM	23
4. System Design Rationale	24
4.1 CLIENT SIDE	24
4.2 SERVER SIDE	24
5. Test plan	25
5.1 CUSTOMER PAGE TEST	25
5.2 ADMIN PAGE TEST	29

COMPANY NAME

1. INTRODUCTION

Quality Hats is a Web Application developed by using ASP.NET Core with Visual Studio 2015. It is a functional selling web site. The function can be divided into two part - Shopping and Management.

- Customers on this web site can look and search the hats they like, put their favorite hats into a shopping cart. The customers can also see the total price and GST without logging to an account. Like the common approach, we provide a private shopping bag to store a particular account's pending shopping list.
- Site administrator can manage the Customer Accounts, Product (hats), Categories, Suppliers and Orders.

The login information and technical specification are as below:

TABLE 1

Website URL:	http://dochyper.unitec.ac.nz/mengc06/asp_assignment
Recommend Browser:	Chrome, IE
Admin User Name / Password:	admin@email.com / P@ssw0rd
Customer User Name / Password:	test@me.com / P@ssw0rd
Website Folder (on server):	asp_assignment
Project folder:	QualityHats
Programming Language:	C#, <u>ASP.NET</u> CORE, HTML
Database Server / Database Name:	Microsoft SQL server / QualityHats

2. BUSINESS SPECIFICATION

2.1 Business Roles

2.1.1 Non Registered Customers

Before customer logging, they can browse all the hats or look at the hats in different categories such as MENS, WOMENS, KIDS. They can also search hats by keywords.

Using Shopping Cart:

In the shopping cart our customers can add or delete their chosen hats to see the GST and the total price before making a decision.

2.1.2 Registered Members

Create a new account:

If the customers had not logged in when they try to check out, they will be redirected to the login page. If they don't have an account yet, they can register as well.

To register member, customers need to supply a valid email address, password and phone numbers.

The first time a customer registers, the system will send a confirmation email to his or her email address. Customers must click those links to activate their accounts.

Use Shopping Bag:

Unlike the shopping cart can only be used temporarily, a shopping bag can hold their pending shopping list until they are placed as an order.

Every registered member has his or her own shopping bag. Also, no matter when or where they login our site, they can retrieve this pending list. When a customer checks out their shopping cart, the system implicitly dumps these items into his/her shopping bag, and then empties the shopping cart. If there is no any item in the shopping bag previously, the shopping bag is just the same as shopping cart.

The shopping Bag page also provides the add and delete shortcuts for every item, customers can adjust their wanderlust easily.

Place an Order:

After confirming the shopping bag, the next step is to choose a recipient for this item. Customers may buy hats for their family or friend, also these hats could be sent to their house or office. They don't need to alter the address every time. The system can record as many recipients as they want. They may be asked to create a recipient at the first time, these recipients records can be reused in a dropdown list.

Check Order Status:

By clicking the Submit Order button, order is submitted to administrator. Customers can check their order status in Order Page. There are five status: InCart(pending), Placed(Order Placed), InProgress, PreparingToShip, Shipped and Delivered. When administrator changes order status into Shipped or Delivered, the system records the exact time of that action. Which gives the customers a sense of the progress.

2.1.3 Administrator

Administrator has all access authority across the site. The pages below are authorized to Administrator user.

Product(Hats) Management:

Administrator can create, edit, delete a hat item here.

Category Management:

Administrator can create, edit, delete a Category for all the hats here.

SUPPLIER Management:

Administrator can create, edit, delete a supplier for all the hats here.

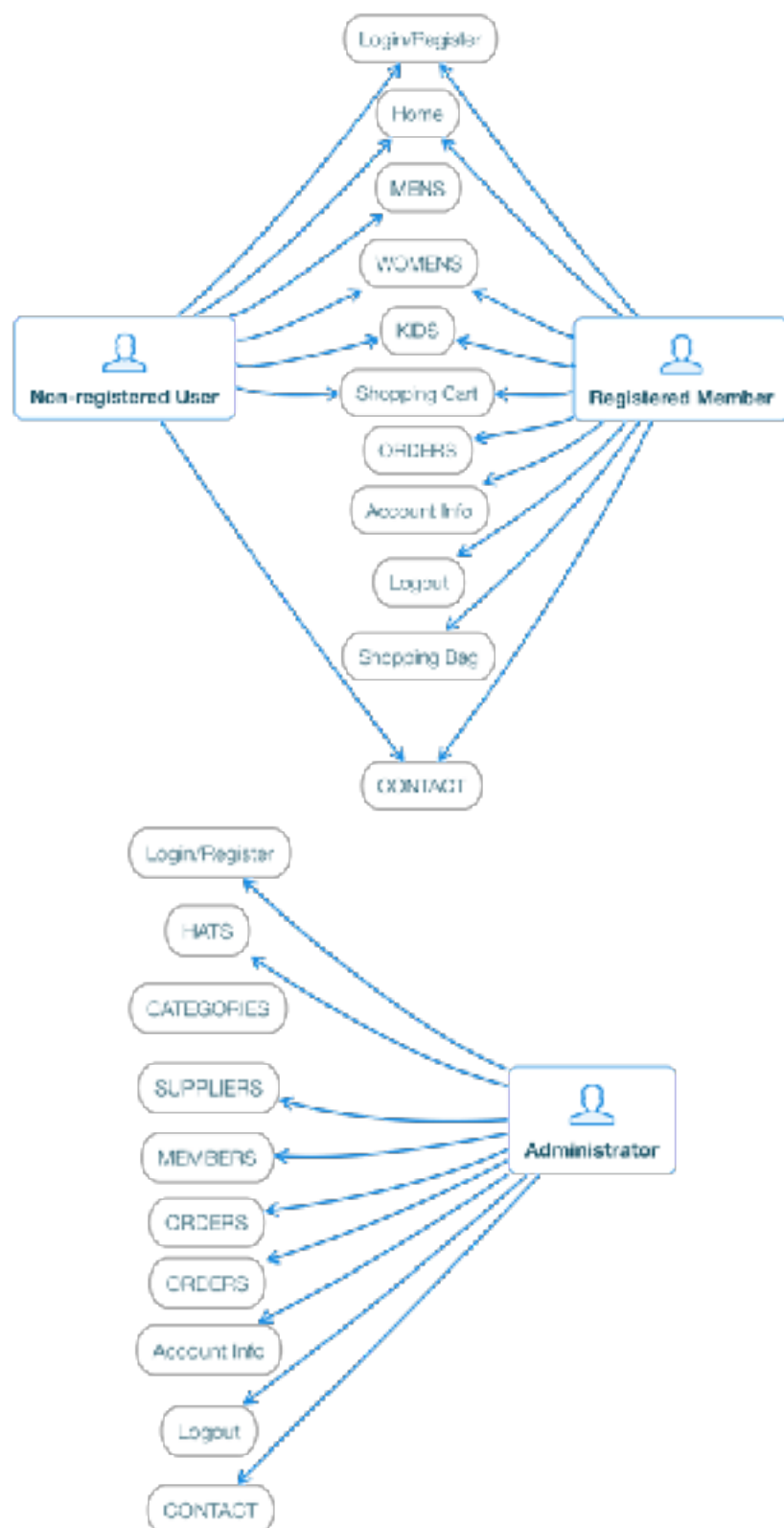
ACOUNT(Member) Management:

Administrator can create, edit, delete a member account here. The admin user can also disable or enable an account.

Order Management:

Administrator can change the order status here. The admin user can also amend the other info in the order.

The diagrams of business roles for Non-Registered User, Member, Administrator as follow.

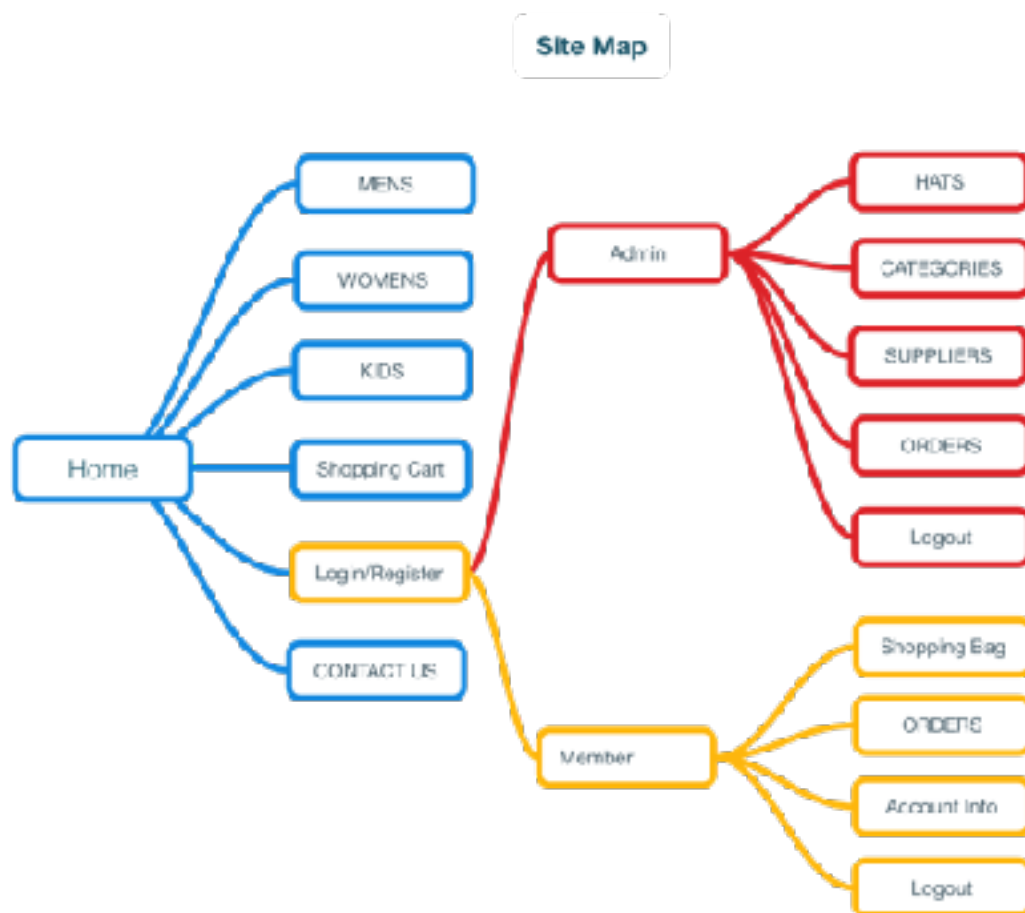


2.2 User Interface Design

2.2.1 Site Map

The site map below illustrates all the page in this site.

The blue pages can be access by any client. Pages in red can only accessed by Administrator while yellow is for members.

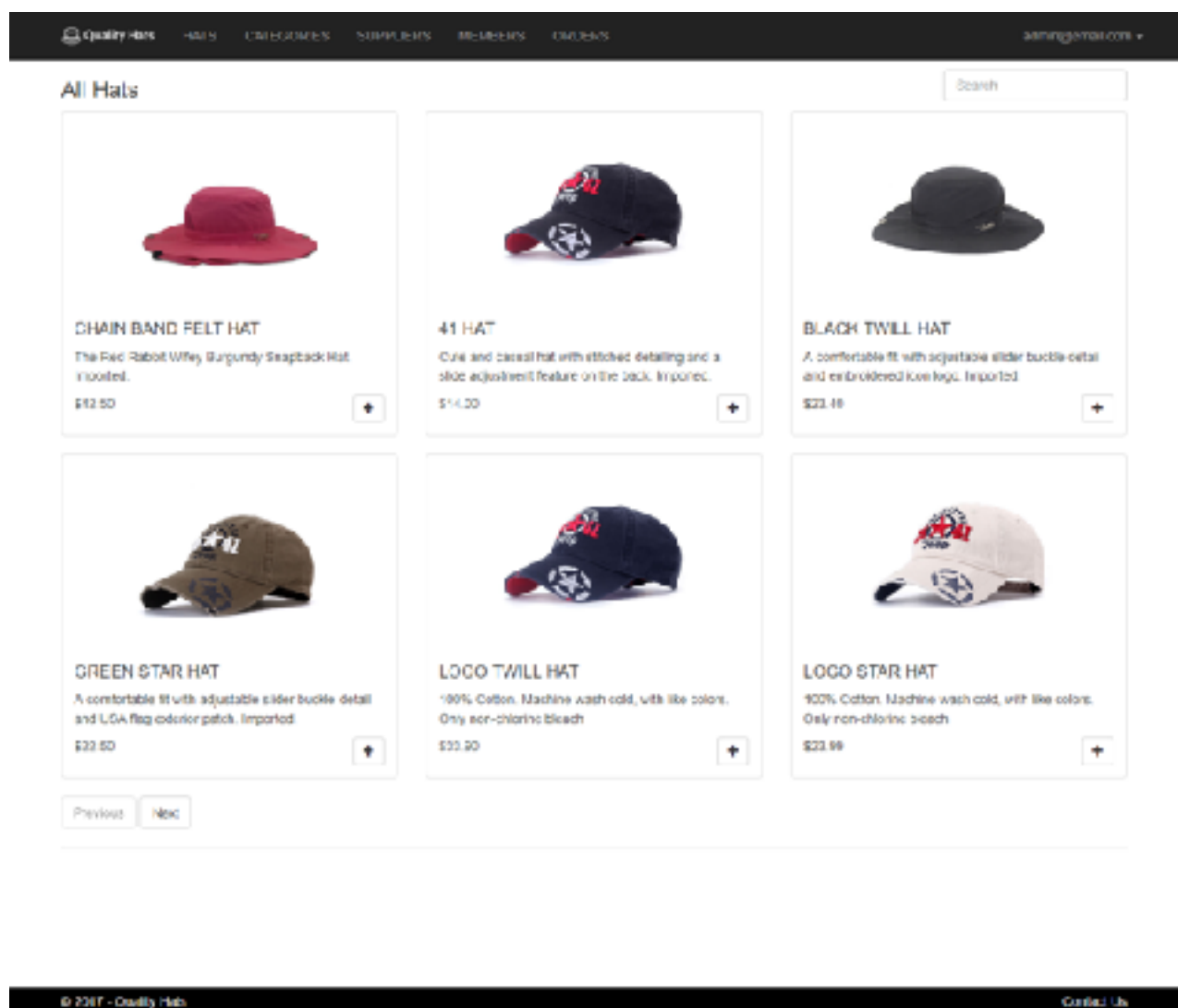


2.2.2 Customer Page Design

Home:

Features and Technology Application:

- Quality Hats Logo
- Paginating technique is employed for all product list
- Contact us link with meaningful contact details.




Shopping Cart:


Features and Technology Application:

- Customers can amend the quantity of their shopping carts or even clear the cart by themselves.
- GST and Total price are changed accompany with the change of items.


[Quality Hats](#)
[MEN'S](#)
[WOMEN'S](#)
[KIDS](#)
[Register](#)
[Login](#)




CHAIN BAND FELT HAT
The Red Robot Woy Eurgewey Bagback Hat. Imported.
\$42.50




41 HAT
Cute and casual hat with etched detailing and a slide adjustment feature on the back. Imported.
\$14.00




BLACK TWILL HAT
A comfortable fit with adjustable slider buckle detail and embroidered knee logo. Imported.
\$21.00



GREEN STAR HAT
A comfortable fit with adjustable slider buckle detail and USA tag exterior patch. Imported.
\$22.00



LOGO TWILL HAT
100% Cotton. Machine wash cold, with like colors. Dry non-crease bleach.
\$30.99



LOGO STAR HAT
100% Cotton. Machine wash cold, with like colors. Dry non-crease bleach.
\$20.00

[Previous](#)
[Next](#)

Your Currently Selected:

HAT	Quantity	Price
CHAIN BAND FELT HAT	1	\$42.50
41 HAT	1	\$14.00
LOGO TWILL HAT	2	\$39.98
		Sub
		Total
		\$116.48
		\$142.90

[Clear Cart](#)
[Add to Bag](#)

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[Contact Us](#)

Login Page:

Features and Technology Application:

- Allow Customer login or Administrator login
- Register as a new user

QualityHelp MCHG WOMCHG QDS Register Log in

Log in.

Use a local account to log in.

Email

Password

☐ Remember me?

[Register as a new user?](#)

[Forgot your password?](#)

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Shopping Bag Page:

Features and Technology Application:

- Allow Customer login or Administrator login
- Register as a new user

Quality Hats
HATS
WEARABLES
KIDS
CONTACT US
[Log in](#)
[Shopping Bag](#)

Shopping Bag

Order Information				
Hat	Name	Description	Quantity	Price
	LEGO TWILL HAT	100% Cotton. Machine washable, with like colors. Only non-chlorine bleach.	 1 	\$33.99
	BEANS-HEAD T.WILL HAT	A comfortable fit with adjustable slider buckle detail and embroidered icon logo. Imported.	 1 	\$33.99
	Luxe Boyz	The White Rabbit Wiley Burgundy Snapback Hat. Imported.	 1 	\$45.00
	EMBROIDERED HAT	The X'V'ia Framed Royal Rabbit Wiley Burgundy Snapback Hat.	 1 	\$45.00
	CHAIN HAND FELT HAT	The Red Rabbit Wiley Burgundy Snapback Hat. Imported.	 1 	\$47.50
			GST:	\$30.13
			Total:	\$201.00

[Clear Bag](#)
[Checkout](#)

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[Contact Us](#)

Recipient Page:

Features and Technology Application:

- Customers can create and or select different address and recipient for their orders.
- If it is the first time, they need to create one, UI design as below.

Quality Hats
MEN'S
WOMEN'S
KIDS
CONTACT US
willcute.com
Shopping Bag

Shipping Information
Please select a recipient
Create New
List All

First Name	Last Name	Phone	Address1	Address2	City	State	Country	ZIP

Order Information

Hat	Description	Quantity	Price
LOGO TWILL HAT	100% Cotton. Machine washable. with like colors. Only nonchlorine bleach.	1	\$55.50
BRUSHED TWILL HAT	A comfortable twill adjustable snapback with an embroidered iron logo. Imported.	1	\$55.99
Luke Bryan	The White Rasot Willy Burgundy Snapback Hat. Imported.	1	\$45.60
EMERSON HAT	The X TWO Hatted Roger Rasot Willy Burgundy Snapback Hat	1	\$45.00
CHAIN BAND FELT HAT	The Red Rabbit Willy Burgundy Snapback Hat. Imported.	1	\$42.60
		SUB:	\$20.13
		Total:	\$201.02

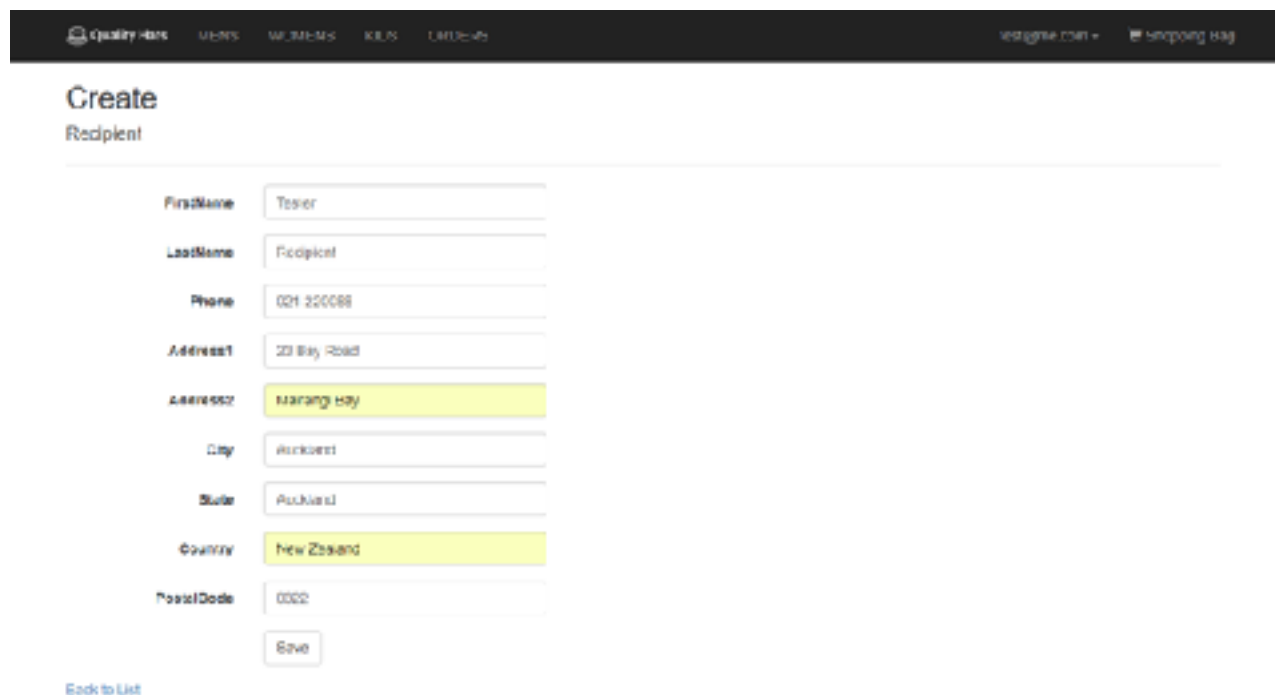
Back
Submit

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Contact Us

Recipient Page:

Features and Technology Application:

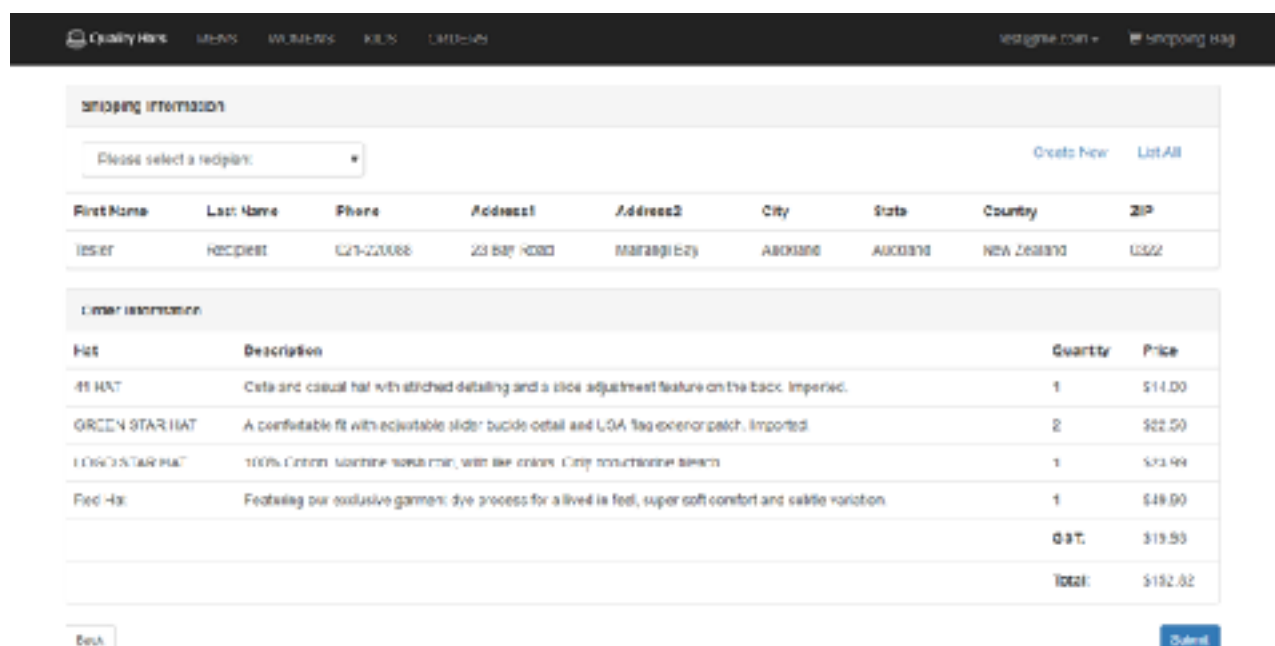
- Create new recipient which bind to the current user account.
- After creating and selecting a new recipient, the shipping information is filled automatically.



Create Recipient

First Name:
 Last Name:
 Phone:
 Address1:
 Address2:
 City:
 State:
 Country:
 Postal Code:

[Back to List](#)



Shipping Information

Please select a recipient:

[Create New](#) [List All](#)

First Name	Last Name	Phone	Address1	Address2	City	State	Country	ZIP
Tester	Recipient	021-220088	23 Bay Road	Marangii Ezy	Auckland	Auckland	New Zealand	0000



Order Information

Item	Description	Quantity	Price
41 HAT	Cele and casual hat with stitched detailing and a side adjustment feature on the back. Imported.	1	\$14.00
GREEN STAR HAT	A comfortable fit with adjustable slider buckle detail and USA flag exterior patch. Imported.	2	\$22.50
1100'S STAR HAT	100% Cotton. Machine washable, with like colors. Only non-ironable bleach.	1	\$13.99
Red Hat	Featuring our exclusive garment dye process for a lived in feel, super soft comfort and subtle variation.	1	\$19.00
		Sub Total:	\$19.50
		Total:	\$152.02

Order Detail Page:

Features and Technology Application:

- After Placing the order, customers can go to the ORDER page to view their order detail including the most important thing: Current Order Status.
- If the Order Status is changed to Shipped or Delivered, the exact Date and Time will shown as well.


[MENS](#)
[WOMENS](#)
[KIDS](#)
[ORDERS](#)
levi@qhac.com
 Shopping Bag

Detail

Recipient Information

First Name	Last Name	Phone	Address1	Address2	City	State	Country	ZIP
Tester	Recipient	021-220088	23 Bay Road	Mairangi Bay	Auckland	Auckland	New Zealand	0022

Order Status

InProgress

Status	Date Ordered	Date Shipped	Date Delivered
InProgress	14/10/2017 21:44:34	01/01/0001 00:00:00	01/01/0001 00:00:00

Order Information

Hat	Description	Quantity	Price
CHAIN BAND FELT HAT	The Red Rabbit Wifey Burgundy Snapback Hat. Imported.	2	\$42.50
41 HAT	Cute and casual hat with stitched detailing and a slide adjustment feature on the back. Imported.	2	\$14.00
LOGO TWILL HAT	100% Cotton. Machine wash cold, with like colors. Only non-chlorine bleach	3	\$33.90
LOGO STAR HAT	100% Cotton. Machine wash cold, with like colors. Only non-chlorine bleach	1	\$20.99
GST:			\$15.90
Total:			\$274.49

Back to Orders



































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2.2.3 Admin Page Design:

Hat Management Page:

Features and Technology Application:

- List, Create, Edit, Delete Hats
- View Hat detail

<div>  Quality Hats HATS CATEGORIES SUPPLIERS ITEMS USERS </div> <div>admin@genai.com</div>																																																																																										
<div>Index</div> <div> Create New </div> <table> <tr> <th>Image</th><th>Name</th><th>Price</th><th>Category</th><th>Supplier</th><th>Description</th><th></th></tr> <tr> <td></td><td>CHAM BAND FELT HAT</td><td>\$42.99</td><td>WOMENS</td><td>Adidas</td><td>The Red Rabbit Willy Burgundy Snapback Hat. Imported.</td><td>Edit Details Delete</td></tr> <tr> <td></td><td>41 HAT</td><td>\$14.99</td><td>KIDS</td><td>Adidas</td><td>Cute and casual hat with stitched detailing and a slide adjustment feature on the back. Imported.</td><td>Edit Details Delete</td></tr> <tr> <td></td><td>BLACK TWILL HAT</td><td>\$23.49</td><td>WOMENS</td><td>Abetionable</td><td>A comfortable fit with adjustable slider buckle detail and embroidered icon logo. Imported.</td><td>Edit Details Delete</td></tr> <tr> <td></td><td>GREEN SLARE HAT</td><td>\$22.99</td><td>KIDS</td><td>Nike</td><td>A comfortable fit with adjustable slider buckle detail and USA flag exterior patch. Imported.</td><td>Edit Details Delete</td></tr> <tr> <td></td><td>LOGO TWILL HAT</td><td>\$55.99</td><td>Mens</td><td>361</td><td>100% Cotton. Machine washable, with like colors. Only non-chlorine bleach.</td><td>Edit Details Delete</td></tr> <tr> <td></td><td>LOGO STAR HAT</td><td>\$55.99</td><td>KIDS</td><td>361</td><td>100% Cotton. Machine washable, with like colors. Only non-chlorine bleach.</td><td>Edit Details Delete</td></tr> <tr> <td></td><td>BRUSHED TWILL HAT</td><td>\$55.99</td><td>Mens</td><td>Abetionable</td><td>A comfortable fit with adjustable slider buckle detail and embroidered icon logo. Imported.</td><td>Edit Details Delete</td></tr> <tr> <td></td><td>EMERSON HAT</td><td>\$22.99</td><td>Mens</td><td>Nike</td><td>Cute and casual hat with stitched detailing and a slide adjustment feature on the back. Imported.</td><td>Edit Details Delete</td></tr> <tr> <td></td><td>BRUSHED HAT</td><td>\$23.99</td><td>KIDS</td><td>Adidas</td><td>Cute and casual hat with stitched detailing and a slide adjustment feature on the back. Imported.</td><td>Edit Details Delete</td></tr> <tr> <td></td><td>EMBROIDERED HAT</td><td>\$51.99</td><td>KIDS</td><td>361</td><td>The Gray Rabbit Willy Burgundy Snapback Hat. Imported.</td><td>Edit Details Delete</td></tr> <tr> <td></td><td>EMBROIDERED HAT</td><td>\$15.99</td><td>Mens</td><td>HM</td><td>The X/Wife Framed Roger Rabbit Willy Burgundy Snapback Hat.</td><td>Edit Details Delete</td></tr> </table>							Image	Name	Price	Category	Supplier	Description			CHAM BAND FELT HAT	\$42.99	WOMENS	Adidas	The Red Rabbit Willy Burgundy Snapback Hat. Imported.	Edit Details Delete		41 HAT	\$14.99	KIDS	Adidas	Cute and casual hat with stitched detailing and a slide adjustment feature on the back. Imported.	Edit Details Delete		BLACK TWILL HAT	\$23.49	WOMENS	Abetionable	A comfortable fit with adjustable slider buckle detail and embroidered icon logo. Imported.	Edit Details Delete		GREEN SLARE HAT	\$22.99	KIDS	Nike	A comfortable fit with adjustable slider buckle detail and USA flag exterior patch. Imported.	Edit Details Delete		LOGO TWILL HAT	\$55.99	Mens	361	100% Cotton. Machine washable, with like colors. Only non-chlorine bleach.	Edit Details Delete		LOGO STAR HAT	\$55.99	KIDS	361	100% Cotton. Machine washable, with like colors. Only non-chlorine bleach.	Edit Details Delete		BRUSHED TWILL HAT	\$55.99	Mens	Abetionable	A comfortable fit with adjustable slider buckle detail and embroidered icon logo. Imported.	Edit Details Delete		EMERSON HAT	\$22.99	Mens	Nike	Cute and casual hat with stitched detailing and a slide adjustment feature on the back. Imported.	Edit Details Delete		BRUSHED HAT	\$23.99	KIDS	Adidas	Cute and casual hat with stitched detailing and a slide adjustment feature on the back. Imported.	Edit Details Delete		EMBROIDERED HAT	\$51.99	KIDS	361	The Gray Rabbit Willy Burgundy Snapback Hat. Imported.	Edit Details Delete		EMBROIDERED HAT	\$15.99	Mens	HM	The X/Wife Framed Roger Rabbit Willy Burgundy Snapback Hat.	Edit Details Delete
Image	Name	Price	Category	Supplier	Description																																																																																					
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	BRUSHED TWILL HAT	\$55.99	Mens	Abetionable	A comfortable fit with adjustable slider buckle detail and embroidered icon logo. Imported.	Edit Details Delete																																																																																				
	EMERSON HAT	\$22.99	Mens	Nike	Cute and casual hat with stitched detailing and a slide adjustment feature on the back. Imported.	Edit Details Delete																																																																																				
	BRUSHED HAT	\$23.99	KIDS	Adidas	Cute and casual hat with stitched detailing and a slide adjustment feature on the back. Imported.	Edit Details Delete																																																																																				
	EMBROIDERED HAT	\$51.99	KIDS	361	The Gray Rabbit Willy Burgundy Snapback Hat. Imported.	Edit Details Delete																																																																																				
	EMBROIDERED HAT	\$15.99	Mens	HM	The X/Wife Framed Roger Rabbit Willy Burgundy Snapback Hat.	Edit Details Delete																																																																																				
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Hat Management Page:

Features and Technology Application:

- List, Create, Edit, Delete Hats
- The Category Options and Supplier Options are retrieved from database.

Quality Hats
HATS
CATEGORIES
SUPPLIERS
MEMBERS
ORDERS
admin@gmail.com

Create

Hat:

Image

Choose File No file chosen

Upload

Name

Description

Price

CategoryID

SupplierID

Create

Quality Hats
HATS
CATEGORIES
SUPPLIERS
MEMBERS
ORDERS
admin@gmail.com


Edit

Hat:

Image

Unchoose File No file chosen

Upload



Name

Description

Price

CategoryID


SupplierID

SAVE


Categories Management Page:

Features and Technology Application:

- List all categories
- Create a new category, Edit, Delete or View a particular Category

 Quality Hair

[HATS](#) [CATEGORIES](#) [SUPPLIERS](#) [MEMBERS](#) [ORDERS](#)

[admin@gmail.com](#) 

Index

[Create Item](#)

Name	Desc	
Men's	Super soft comfort and subtle variation in coloring with each day.	Edit Details Delete
WOMEN'S	Lightweight and comfortable	Edit Details Delete
KIDS	Comfortable color with a super soft touch technique	Edit Details Delete

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[Contact Us](#)

Supplier Management Page:

Features and Technology Application:

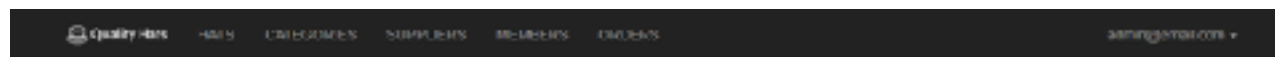
- List all suppliers
- Create a new supplier, Edit, Delete or View a particular supplier

Quality Hub				
HOME	COMPANIES	SUPPLIERS	DEVELOPERS	CONTACTS
willcute@gmail.com				
Index				
Create New				
Full Name	Contact Number	Email	Address	
Adidas	021-2344222	adidas@gmail.com	42 Park Road, Auckland	Edit Details Delete
961	021-6415888	961@hotmail.com	3A Princess Road, Auckland	Edit Details Delete
Nike	021-8766883	CustomerService@nike.com	771 Waiwaka Road, Auckland	Edit Details Delete
H&M	022 026 333	hmg@gmail.com	1145 Karangahape Rd	Edit Details Delete
Abercrombie	021-6266834	AF@gmail.com	Auckland	Edit Details Delete
© 2017 - Quality Hub				
Contact Us				

Customer Management Page:

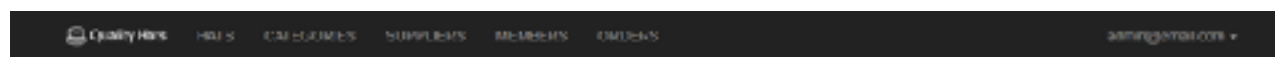
Features and Technology Application:

- List all customers
- Disable or enable an account
- Edit, Delete or View a specific account



Index

Name	Phone	Email	Address	Enabled	
Chunkai	02-021030	testnck@163.com	Auckland	<input checked="" type="checkbox"/>	Disable Edit Details Delete
Michael	02-9-133123	test@me.com	Unites	<input checked="" type="checkbox"/>	Disable Edit Details Delete



Edit

Application User

Address	<input type="text" value="Unites"/>
Customer Name	<input type="text" value="testnck"/>
Email	<input type="text" value="test@me.com"/>
<input checked="" type="checkbox"/> Enabled	
PhoneNumber	<input type="text" value="021-201030"/>
UserName	<input type="text" value="test@me.com"/>
<input type="button" value="Save"/>	

[Back to List](#)

Order Management Page:

Features and Technology Application:

- List all orders
- Edit, Delete or View a specific order
- Change Order Status and automatically save DateTime record in to database.

Quality Hats	HAIR	CA. BOUTIES	SUNGLASSES	MEMBERS	ORDERS	admin@genai.com
--------------	------	-------------	------------	---------	--------	-----------------

Orders List

Account	Status	Recipient	Phone	Address1	Address2	City	GST	Total	
hucmk@163.com	InProgress	OK, The	20192055	Zara 999	Park	Auckland	\$10.58	\$81.08	Edit Detail Delete
test@me.com	Placed	Tester, Recipient	021-822000	20 Day Rec	Mairangi Day	Auckland	\$35.00	\$274.49	Edit Detail Delete

Quality Hats	HAIR	CATEGORIES	SUPPLIERS	MEMBERS	ORDERS	admin@genai.com
--------------	------	------------	-----------	---------	--------	-----------------

Edit

Order

Status	Placed
First Name	<input type="text" value="HUGO"/> <input type="text" value="Placed"/> <input type="text" value="InProgress"/>
Last Name	<input type="text" value="HUGO (Camp)"/> <input type="text" value="shopper"/>
Phone	<input type="text" value="20122000"/>
Address1	<input type="text" value="Zara 999"/>
Address2	<input type="text" value="Park"/>
City	<input type="text" value="Auckland"/>
State	<input type="text" value="Auckland"/>
Country	<input type="text" value="New Zealand"/>
Zip	<input type="text" value="0002"/>
Date Ordered	<input type="text" value="01/01/2017 00:00:00"/>
Date Shipped	<input type="text" value="14/10/2017 01:58:40"/>
GST	<input type="text" value="10.58"/>
Total	<input type="text" value="81.08"/>
	<input type="button" value="Save"/>

[Back to List](#)

3. DATABASE DESIGN

3.1 Tables

Hat

Properties	Type
HatID	int
Name	string
Price	decimall
Disc	string
Image	string
CategoryID	int
SupplierID	Int
Navigation Properties	
OrderItem	Supplier
Category	Category

Supplier

Properties	Type
SupplierID	Int
Name	string
WorkPhone	string
Email	string
Address	string
Navigation Properties	
Hats	ICollection<Hat>

Category

Properties	Type
CategoryID	int
Name	string
Disc	string
Navigation Properties	
Hats (List)	ICollection<Hat>

CartItem

Properties	Type
CartItemID	int
CartID	int
Count	int
DateCreated	DateTime
Navigation Properties	
Hat	Hat
User	ApplicationUser

ApplicationUser

Properties	Type
CustomerID	int
Name	string
Enabled	Bool
MobiPhone	string
HomePhone	string
WorkPhone	string
Email	string
Address	string
CustomerName	string
Navigation Properties	
Recipient	public List<Recipient>

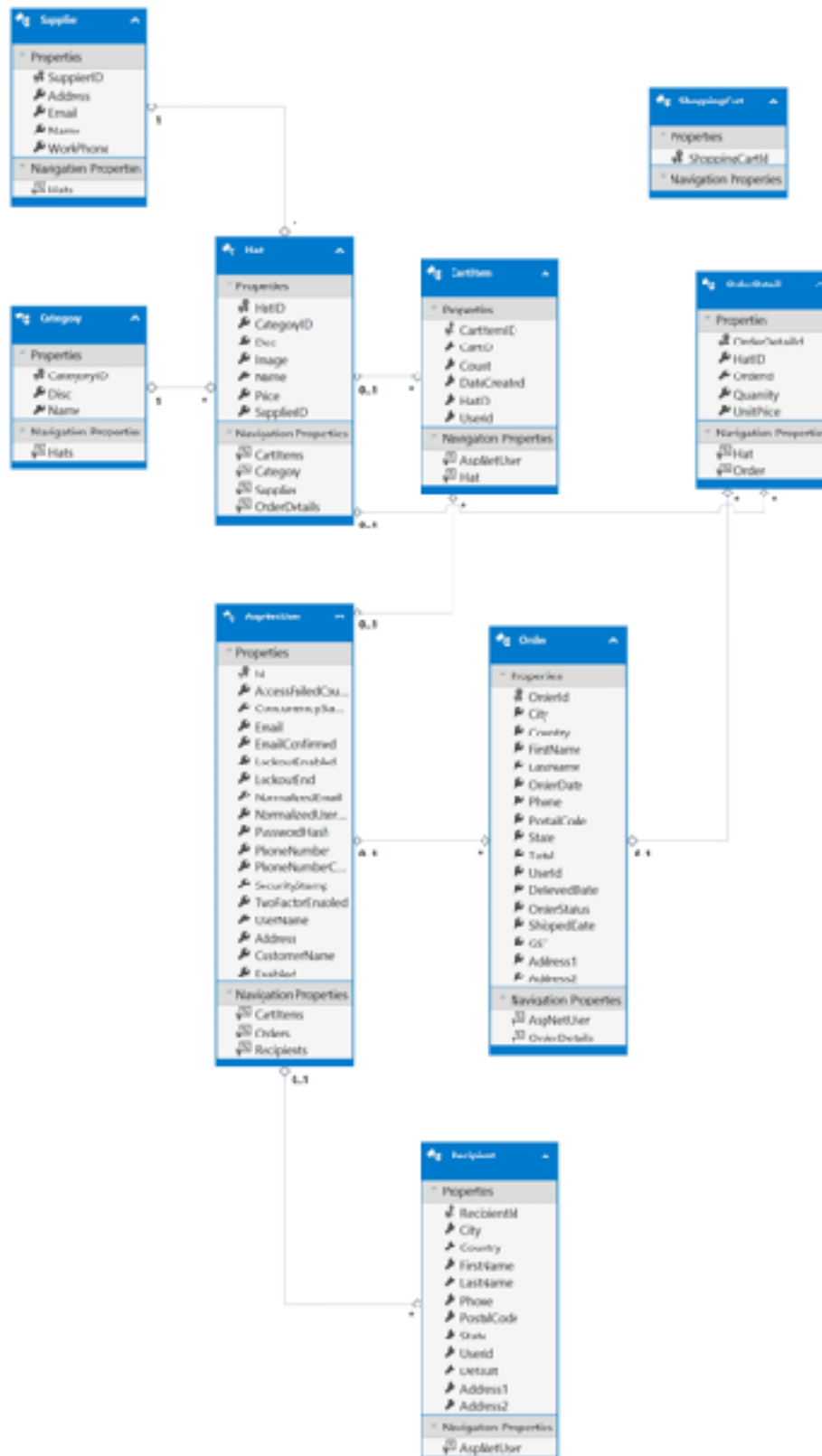
Order

Properties	Type
OrderID	int
FirstName	string
LastName	string
City	string
State	string
PostalCode	string
Country	string
Phone	strong
GST	decimal
Total	decimal
OrderDate	DateTime
ShippedDate	DateTime
DelieverdDate	DateTime
Navigation Properties	
OrderDetails (List)	ICollection<OrderDetails>
User	Application User

OrderDetail

Properties	Type
OrderDetailID	int
Quantity	int
UnitPrice	Decimal
Navigation Properties	
Hat	Hat
Order	Order

3.2 ERD Diagram



4. SYSTEM DESIGN RATIONALE

The client and server side techniques that we used and the reason why we chose them as below:

4.1 Client Side

- JavaScript
 - To valid the user input
- Bootstrap
 - To develop a responsive, mobile first project on the web.
- ASP.NET Core
 - To create the view page

4.2 Server Side

- Entity Framework
 - To work with relational data using domain-specific objects
- MVC
 - This architectural pattern help us to divide our application into three main groups of components.
- C#
 - To build the server side applications

5. TEST PLAN

5.1 Customer Page Test

Registration

No.	Case	Action	Expected Result	As Expected? Or Actual Result
1	Empty Account Name	Click "Register"	Show "The Name field is required."	Yes
2	Empty Email	Click "Register"	Show "The Email field is required."	Yes
3	Empty Phone Number	Click "Register"	Show "The PhoneNumber field is required."	Yes
4	Empty Password	Click "Register"	Show "The Password field is required."	Yes
5	Improper Password	Click "Register"	Show "Passwords must have at least one non alphanumeric character. Passwords must have at least one digit ('0'-'9'). Passwords must have at least one uppercase ('A'-'Z')."	Yes
6	Empty Confirm password or not the same with Password	Click "Register"	Show "The password and confirmation password do not match."	Yes
7	Empty Address	Click "Register"	Show "The Address field is required."	Yes
8	Enter proper Name, PhoneNumber, Email, Password, Confirm Password, Address	Click "Register"	Show "To login,please check your inbox(or spam) for a confirmation email."	Yes







Login

No.	Case	Action	Expected Result	As Expected? Or Actual Result
1	Empty Email	Click "Register"	Show "The Email field is required."	Yes
2	Empty Password	Click "Register"	Show "Invalid login attempt."	Yes
3	Improper Password	Click "Register"	Show "Invalid login attempt."	Yes

Home

No.	Action	Expected Result	As Expected? Or Actual Result
1	Enter Home Page	Layout shows the same as designed	Yes
2	Click "MENS" navigation link	Navigate to "MENS" Page	Yes
3	Click "WOMENS" navigation link	Navigate to "WOMENS" Page	Yes
4	Click "KIDS" navigation link	Navigate to "KIDS" Page	Yes
5	Click Logo navigation image	Navigate back to "HOME" Page	Yes
6	Click "Register" navigation link	Navigate to "Registration" Page	Yes
7	Click "Login" navigation link	Navigate to "Login" Page	Yes
8	After log in	Show "Account Name" at the top right as a dropdown list, which has two options: "My Account" and "Logout"	Yes
9		Navigation link "ORDERS" is shown next to the last Category Link (KIDS)	Yes
10		Navigation link "Shopping Bag" is shown at the top right	
11	-	Copy right info is shown at the bottom left corner	Yes

Shopping (HOME, MENS, WOMENS, KIDS,)

No.	Case	Action	Expected Result	As Expected? Or Actual Result
1	Pagination: More than 6 items in one page	-	Show only 6 items in two rows, the paginating button "Next" is clickable.	Yes
2		Click the "Next" button	Show next 6 items(if exist), the paginating button "Previous" is clickable	
3	Pagination: Less than 6 items in one page	-	The paginating buttons "Previous" and "Next" are disabled.	Yes
4	Item	-	Each item has an image, a name, description, price and a select button +	
5	Search	Enter "white" and hit "enter" key	Show the item which its name or description contains keyword "white"	Yes
6	Add to Cart:	Click the  button	The Shopping Cart appears as designed, GST and Total price are shown	Yes
7		Click the  button one more time	The quantity of that specific item add 1	Yes
8		Click another random item's 	Shopping Cart shows more item	Yes
9	Quantity bigger than 1	Click 	Decrease the quantity of the specific item	Yes
10	Quantity is 1	Click 	Delete the row of that item	Yes
11	The last item and Quantity is 1	Click 	Shopping Cart component disappear	Yes
12	-	Click "Clear Cart" button	All items in shopping cart is removed and this component disappear	Yes
13	-	Click Logo	Navigate to Home Page	
14	-	Click "MENS" navigation link	Navigate to "MENS" Page	Yes
15	-	Click "WOMENS" navigation link	Navigate to "WOMENS" Page	Yes
16	-	Click "KIDS" navigation link	Navigate to "KIDS" Page	Yes
17	-	Click "Add to Bag"		

My Shopping Bag

No.	Case	Action	Expected Result	As Expected? Or Actual Result
1	Shopping bag has items	-	Shopping bag is shown as designed, quantities can be increased or decreased here.	Yes
2	If shopping bag is empty previously	-	Show "Empty Shopping Bag" info with an "More Hats" button	Yes
3	If open this page by clicking "Add to Bag"	-	The shopping cart items are added to shopping bag. For items previously exist their quantities will add up	Yes
4	Pagination: Less than 6 items in one page	-	All the shopping cart items are shown in "Shopping Bag"	Yes

Select Recipient

No.	Case	Action	Expected Result	As Expected? Or Actual Result
1	No recipient is selected	-	Waiting for customer to select a recipient. Before that, the Submit button is disabled.	Yes
2	No recipient can be select	Click "Create New"	Show a new page to create a recipient	Yes
3	If open this page by clicking "Add to Bag"	Click "List All"	Show all recipients within a table, show a "Back to Shopping Bag" link	Yes
4		Click "Please select a recipient" dropdown list and choose one option	Dropdown list collapse, Shipping Info Table is filled with real data. The "Submit" button is enabled.	Yes
5		Click "Submit"	Open Page with info "Order Submitted" and "More Hats" link	Yes

Member Order Page

No.	Case	Action	Expected Result	As Expected? Or Actual Result
1	-	-	List all the orders belong to customer	Yes
2	-	Click "Detail"	Show detail of corresponding order, show progress bar	Yes
3	If open this page by clicking "Add to Bag"	Click "List All"	Show all recipients within a table, show a "Back to Orders" button	Yes

5.2 Admin Page Test

Do the test for creating Category or Supplier:

Admin Maintenance - Create Category / Supplier

No.	Case	Action	Expected Result	As Expected? Or Actual Result
1	Haven't upload image	Click "Create"	The "Create" button is disabled	Yes
2	Empty Price	Click "Create"	Show "The Price field is required"	Yes

Do the same test above for creating Hat, and do more as below:

Admin Maintenance - Create Hat

No.	Case	Action	Expected Result	As Expected? Or Actual Result
1	Haven't upload image	Click "Create"	The "Create" button is disabled	Yes
4	Empty Price	Click "Create"	Show "The Price field is required"	Yes

Admin Maintenance - Order List / Edit / Delete / Detail

No.	Case	Action	Expected Result	As Expected? Or Actual Result
	-	-	List all orders from all account	Yes
1	-	Click "Edit"	Show a Order form, GST, Total Price Field are readonly	Yes
2	Amend all the field	Click "Save"	Go back to the Order List and Record change respectively	Yes
3	-	Click "Delete"	Show Order Detail, when click "delete" again, go back to the Order List and corresponding record is deleted	Yes
4	-	Click "Detail"	Show Order Detail Page as designed, with a "Back to Orders" button	Yes

Do the same test above for Maintenance Member Account, and do more as below:

Admin Maintenance - Member List / Edit / Detail / Delete

No.	Case	Action	Expected Result	As Expected? Or Actual Result
1	Account is Enabled	Click "Disable"	The account cannot login anymore	Yes
2	Account is Disabled	Click "Enable"	The account can login again	Yes