



## FIT5032 Design Report (Distinction Code Task)

### Sneaker Man Website

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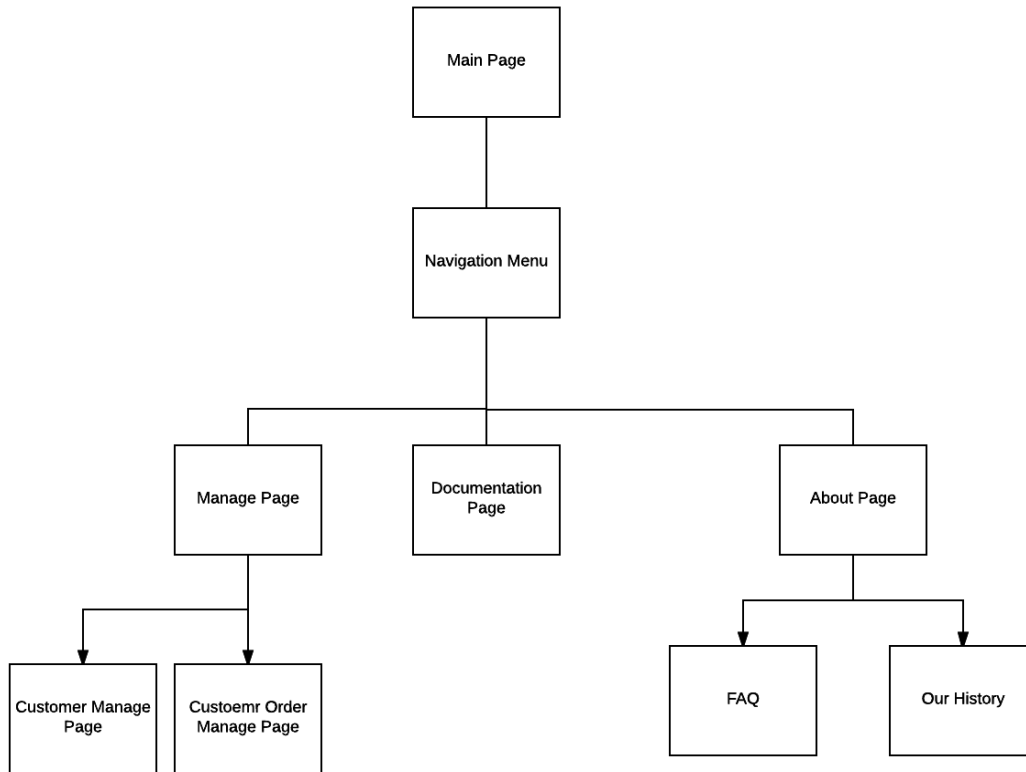
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## **1.Overview**

The Sneaker Man website aims to show the leading luxury sneaker and streetwear to the world in the digital age. Online website shows sorts of shoes for users and users can see the details of customers' details and their orders on the sneaker man website. What's more, users can create orders or create new customer details online as well. Meanwhile, when users visit the website, they can see the Sneaker Man's history, information and frequently asked questions. Sneaker Man website helps user manage business online and show the best streetwear and sneaker to the world.

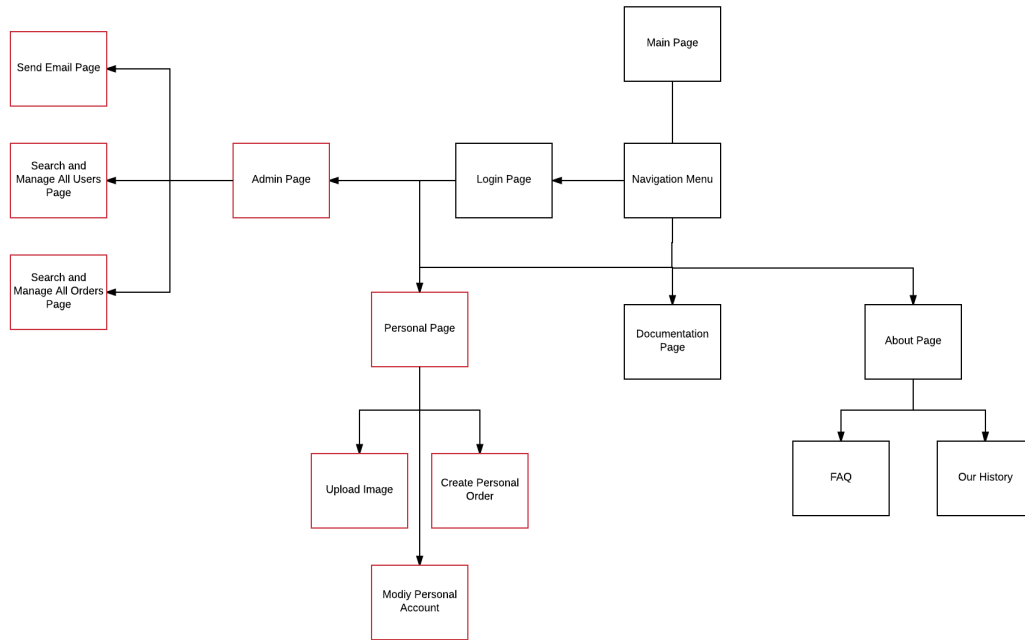
## 2.Functional diagram

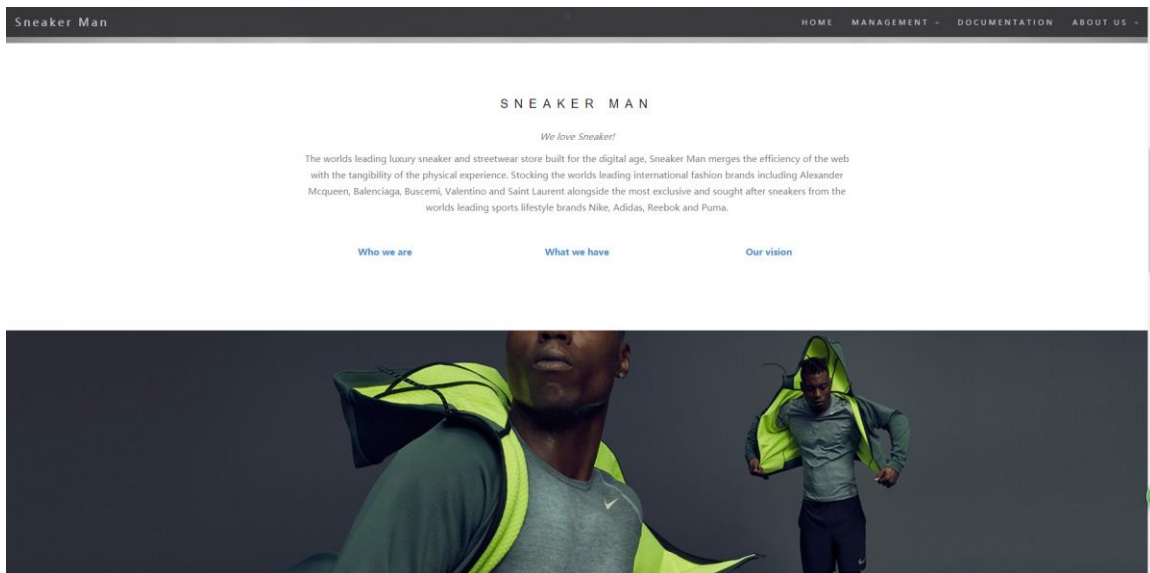


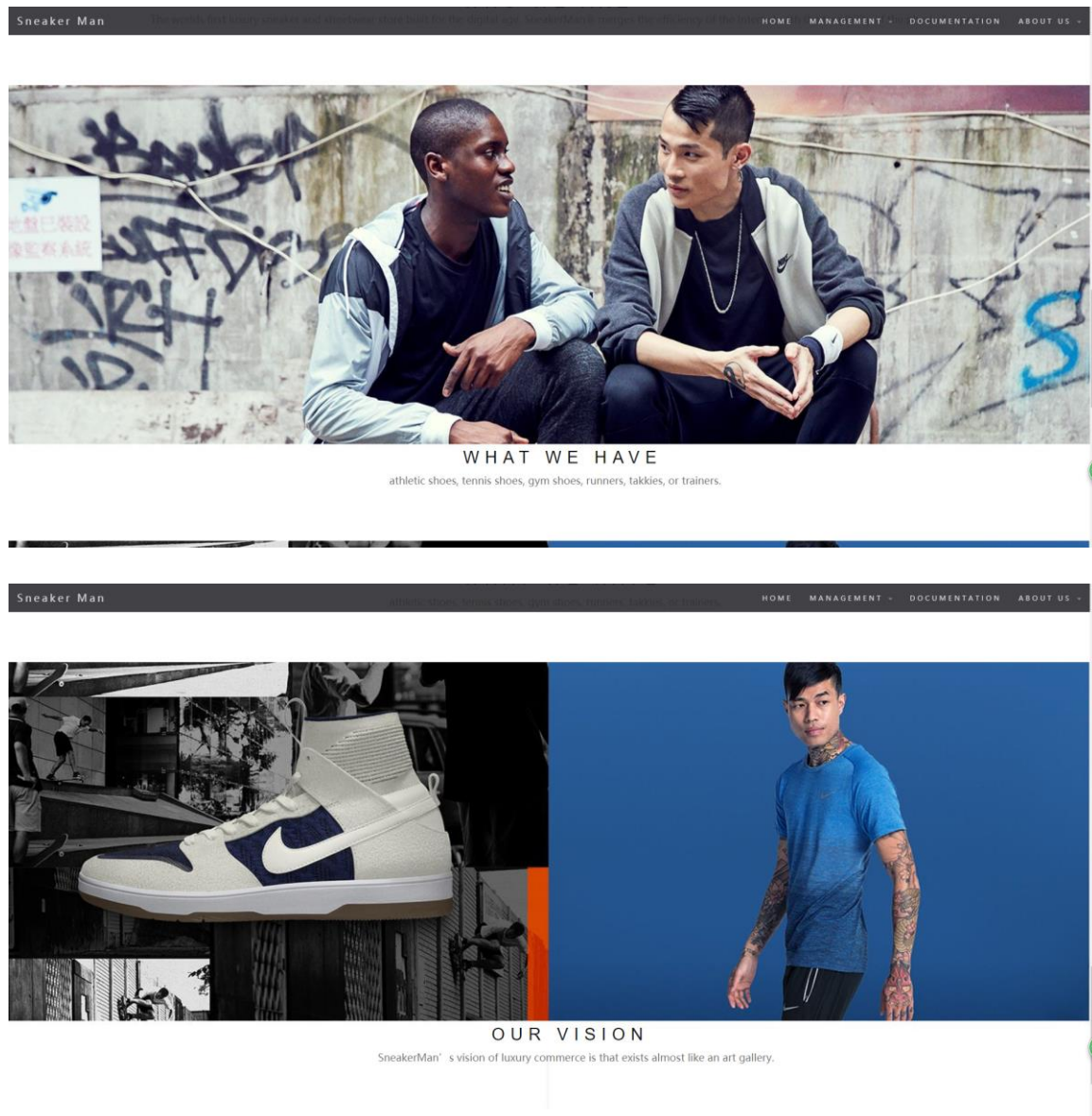
Users can view the main page as the welcome page when they open the website, then they can link to the manage page, documentation page and about page through clicking the navigation menu on the top left. Meanwhile, when they click three buttons which are ‘what we have’, ‘who we are’ and ‘our vision’, the page can scroll down to the respective section, when clicking the up arrow at the footer, the page will automatically back to the top of main page. When user click the manage page, there are two different links for user to choose, which are customer management page and order manage page. What’s more, the about page contains Sneaker Man’s history and Frequently asked questions.

**D Task (New)**

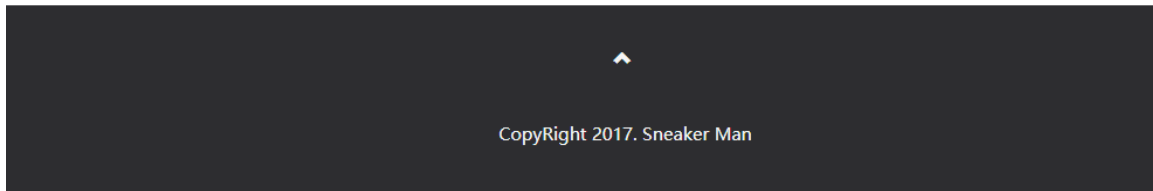
In D task, I add some new functions as shown in the following red boxes. Compare with the C task, there is a login entry for user registration or log into the website. With the normal account, user can make order for himself or modify his own account detail, and even he can upload his image on his account. For administrator, he can search all of users and orders, and he can also upload image for himself or send the emails to all of the users.

**3.Core program functionality**

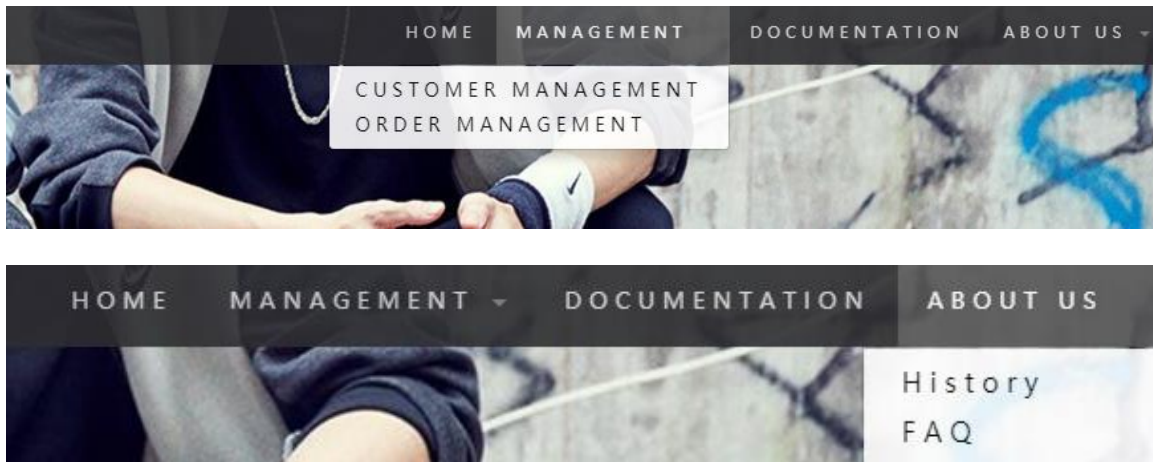




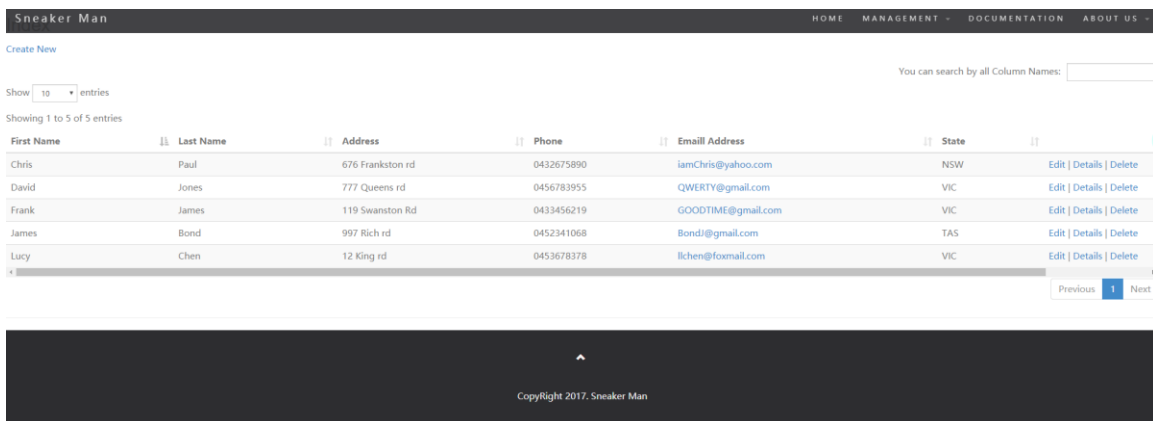
The main page is shown above, which contains a top fixed navigation menu on the top. It is easy for user to see what kinds of functions this website has. And I choose the Carousel with three images to show the main content of website to users. These images are all related to shoes. When user scroll down the main page, there are some paragraphs to introduce the website, and there are three button links to three different sections on the main page, which are 'who we are', 'what we have', and 'our vison'. When user click on these links, it will scroll down the page to the related page responsively.



With the help of up arrow at the footer, user can directly return to the top of main page.



Both management and about us sections have multiple options, so I add the dropdown menu to these two sections, then user can easily see the content within these two parts.





Sneaker Man							HOME	MANAGEMENT	DOCUMENTATION	ABOUT US
<a href="#">Create New</a>							You can search by all Column Names: <input type="text"/>			
Show <input type="text" value="10"/> entries										
Showing 1 to 6 of 6 entries										
Order Date	Price	Quantity	Shoes Name	Comments	First Name					
13/06/2017 12:00:00 AM	200.00	1	Iron Blade	Excellent	David	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>				
13/09/2017 12:00:00 AM	190.00	1	Black Shoes	Good quality	Frank	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>				
16/08/2017 12:00:00 AM	400.00	2	Sharp Blade	Nice	James	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>				
18/07/2017 12:00:00 AM	99.00	1	Pink Lady	Well	Lucy	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>				
21/02/2017 12:00:00 AM	300.00	1	Free of wind	Well	Chris	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>				
23/09/2017 12:00:00 AM	900.00	1	White shoes	Good	Frank	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>				
							<a href="#">Previous</a> <a href="#">1</a> <a href="#">Next</a>			

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When user click on the customer management or order management, they can see the details of them in a table, this table has the search functions, sorting. When the mouse is over one of row, the color of this row can change to more dark color, in order to remind user what record is chosen. The reminder of search function can note user that they can search the records by any keywords. On the other hand, there are three options on each row, user can edit or delete each record, and the detail link will show the user the detailed information about this record.

ShoesOrder	
Order Date	<input type="text"/>
customerid	<input type="text" value="Frank"/>
Price	<input type="text"/>
Quantity	<input type="text"/>
Shoes Name	<input type="text"/>
Comments	<input type="text"/>
	<input type="button" value="Create"/>

[Back to List](#)

The 'create' button will help user to create a new order or new customer. After entering the details of each input textbox, user can click the create button to create new record.

ShoesOrder

Order Date

« September 2017 »

Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7

customerid

Price

Quantity

Shoes Name

Comments

Create

[back to List](#)

↑

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When user create the new order, there is a datepicker which can help user to choose the date.

Sneaker Man

HOME MANAGEMENT DOCUMENTATION ABOUT US

OUR HISTORY

*Enjoy Sneaker!*

MELBOURNE, Australia — On Little Bourke Street in Melbourne’ s central business district, a subway-like tunnel leads into a polished concrete shrine to one of the most coveted products in modern luxury menswear. Inside, on shiny illuminated shelves outfitted with digital displays, the walls are dripping with hundreds of pairs of sneakers from Balenciaga, Rick Owens, Pierre Hardy, Raf Simons, Saint Laurent, Givenchy, Lanvin, Kris van Assche, Maison Martin Margiela, Christopher Kane, Giuseppe Zanotti and others, as well as special lines, limited-edition collections, collaborations and pre-releases by Nike, Adidas, Reebok, Diemme, Common Projects and Boris Bidjan Saberi. This high-tech retail temple, named Sneaker Man, is the brainchild of Chris Kyvetos, 30, former creative director and buyer at Australian men’ s department store Harrolds and a long-time sneaker enthusiast, whose carefully laid plans to target a rapidly emerging generation of luxury consumers with an offering focused on trainers were lent credence, late last year, when Balenciaga announced the appointment of its new designer, Alexander Wang.

↑

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Sneaker Man

HOME MANAGEMENT DOCUMENTATION ABOUT US

FAQ

**Q:How much does shipping cost?**

A:The shopping cart will calculate the shipping price for all order. Just add the items you want to your cart and you will get your shipping cost.

**Q:Do you ship overseas?**

A:No.These purchases may be subject to import taxes, custom duties and fees, as required by the destination country. Customs policies vary widely from country to country; you should contact your local customs office for further information. When customs clearance procedures are required, it can cause delays beyond our original delivery estimates.

**Q:What is your return policy?**

A:We do not accept returns for refunds, credits, or exchanges. All sales are final. Please make sure that you have carefully reviewed your order prior to finalizing your purchase.

**Q:Can I contact you directly with any questions?**

A:Absolutely. Please email [contact@STUDENT.MOASNHLEDU](mailto:contact@STUDENT.MOASNHLEDU) or call 0424341000 with any questions regarding your order or products we carry.

**Q:Do you re-stock your inventory?**

A:On occasion we will re-stock some of our inventory items. Please make sure to check back frequently if an item you want is not available at the time you are on the site. We will occasionally offer specials, sales and online-only deals.

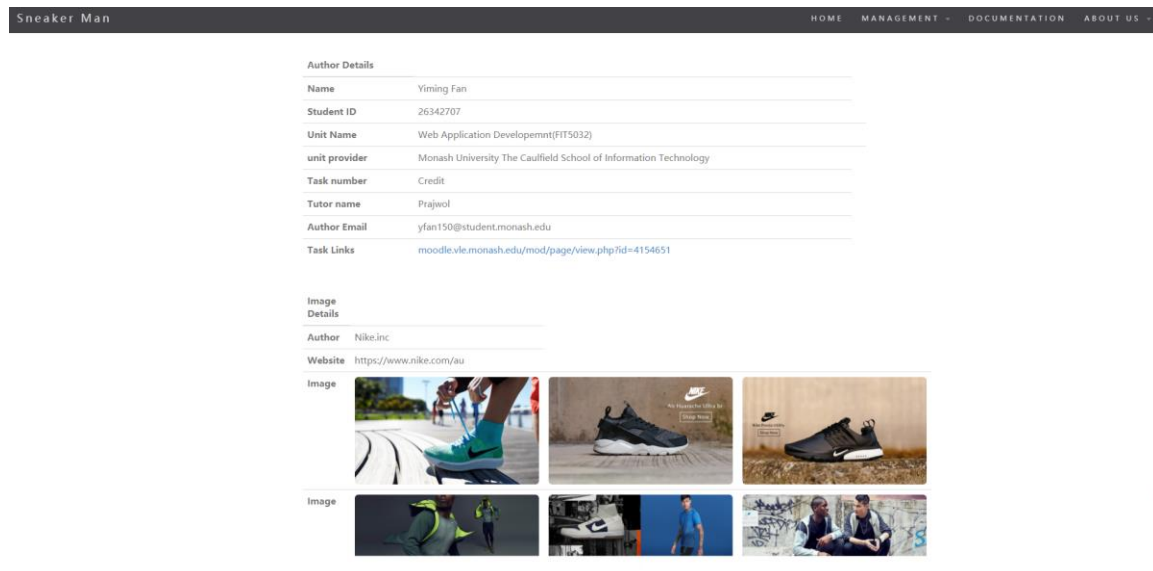
**Q:Do I have to have an account to order?**

A:Yes! But you will automatically create an account when you are placing your first order.

↑

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When user click on the about option, there are two sub-options which are FAQ and History (as shown in above screenshot.)



Finally, the documentation page shows the detail of website author and the resources included in this website.

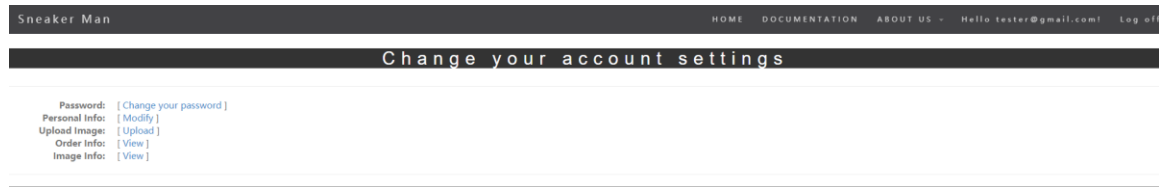
### D task New

In the D task, users are divided into three parts, visitors, normal account and admin account.

For visitors, they can only view the About Us page, History and FAQ, Documentation and the Main page. If they want to regist as normal users, they can access to the registration page.



For normal account users, they can log in as the normal user and manage themselves' account. For instance, they can upload the image, modify their personal information, create order for themselves.



For admin account user, he or she can log in as the administrator, and then view all the users account information and orders. Also, admin can send email to some or all of users.



Send your Email

Your name

Your email

To email

Confirm Email Address

Sneaker Man

yfan150@student.monash.edu

Select Email

GOODTIME@gmail.com

Frank James

iamChris@yahoo.com

Chris Paul

Bondii@gmail.com

James Bond

lchen@foxmail.com

Lucy Chen

QWERTY@gmail.com

David Jones

da@g.com

praj san

tester@gmail.com

tester tester

For admin, they can also search the customers by specified conditions, like name, address, email or combined.

CUSTOMER MANAGEMENT

You can search by, Name, Address, Email or Combined:

Show 10 entries

Showing 1 to 8 of 8 entries

customerFName	customerLName	customerAddress	customerPhone	customerEmail	customerState	
Frank	James	119 Swanton Rd.	0433456219	GOODTIME@gmail.com	VIC	Edit   Details   Delete
Chris	Paul	676 Frankston rd	0432675890	iamChris@yahoo.com	NSW	Edit   Details   Delete
James	Bond	997 Rich rd	0452341068	Bondii@gmail.com	TAS	Edit   Details   Delete
Lucy	Chen	12 King rd	0453678378	lchen@foxmail.com	VIC	Edit   Details   Delete
David	Jones	777 Queens rd	0456783955	QWERTY@gmail.com	VIC	Edit   Details   Delete
praj	san	a		da@g.com		Edit   Details   Delete
tester	tester	tester	tester	tester@gmail.com	tester	Edit   Details   Delete
Joseph	Ayushi	478 James Rd	33212345	imbafym@163.com	Vic	Edit   Details   Delete

Previous 1 Next

## 4. Usability Design Review

### 4.1 consistency

Shoes Order

Create Cancel Back to List

Sneaker Man

HOME MANAGEMENT DOCUMENTATION ABOUT US

To provide a cohesive experience to the user when browsing, this website uses ASP.NET web page Razor to achieve the consistency. In the `_layout.cshtml` file which located in `~/view/shared` directory, this page contains two key parts which are header and footer. These two parts are defined and designed in this page and then being reused in all other pages.

In this case, I use black and white color as the dominant tone, because the theme of sneaker shoes is about vintage and simple. Black and white makes users relaxing and a sense of freestyle. Also, all buttons are in the same style and black color, in order to keep the consistency, without making surprise to user when they are browsing. What's more, the title of each page and main menu navigation are in the same color and style as well.

#### 4.2 Error Prevention

The Error prevention refers to the effective usability design should provide the clear layout and visual cues to help preventing errors. When it comes to the create page, if user miss to enter the value or enter the wrong value in some fields, the red error messages will remind user to type in the correct value into textbox. These error messages are designed to make the website more user friendly and validate the information before store them into website, not only good for users to use, but also easy for website admin to maintain.

Order Date	<input type="text"/>
Customer Name	<input type="text" value="Frank"/>
Price	<input type="text"/> Please enter the price
Quantity	<input type="text"/> Please enter the quantity
Shoes Name	<input type="text"/>
Comments	<input type="text"/>

---

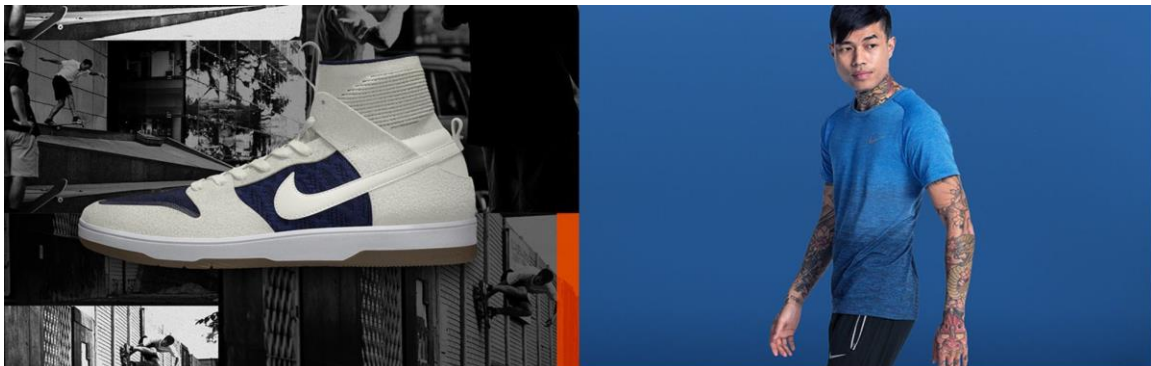
#### 4.3 Visual clarity

As mentioned by Flow Bohl, visual clarity refers to support website brand value. For instance, with the help of data visualization, can provide visual clarity more readable and understandable. First, use image and white background to divide each section on the main page instead of showing a long paragraph only, which can provide comfortable reading experience, also users are more willing to understand and explore more on the website.



#### WHO WE ARE

The worlds first luxury sneaker and streetwear store built for the digital age, SneakerMan® merges the efficiency of the Internet with the tangibility of the physical experience.



#### OUR VISION

SneakerMan' s vision of luxury commerce is that exists almost like an art gallery.



#### WHAT WE HAVE

athletic shoes, tennis shoes, gym shoes, runners, takkies, or trainers.

Meanwhile, the table design is another way to display the visual clarity. The header of table is in the middle of screen and the detail of title is capitalized. Next, the table column titles are bold type, and the rows of table are in different background color in order to help user to read these data more easily and efficiently. When the mouse suspends over the specified row, the background will be darker than others to remind user which row is



selected. Furthermore, instead of display all of information together, this table will show the 10 columns at most and the distances between each column are enough for user to read easily.

ORDER MANAGEMENT

Create New Order

Show10entries

You can search by all Column Names:

Showing 1 to 6 of 6 entries

Order Date	Price	Quantity	Shoes Name	Comments	First Name	
13/06/2017 12:00:00 AM	200.00	1	Iron Blade	Excellent	David	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
13/09/2017 12:00:00 AM	190.00	1	Black Shoes	Good quality	Frank	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
16/08/2017 12:00:00 AM	400.00	2	Sharp Blade	Nice	James	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
18/07/2017 12:00:00 AM	99.00	1	Pink Lady	Well	Lucy	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
21/02/2017 12:00:00 AM	300.00	1	Free of wind	Well	Chris	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
23/09/2017 12:00:00 AM	900.00	1	White shoes	Good	Frank	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

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## D task new

### 4.4 Feedback

This website not only use the error prevention as feedback, it also displays the feedback when user sent the email. As Flow Bohl mentioned that each user should be told when a process has been completed and whether or not it completed successfully. When user click send email button, user send the email successfully and then they can see the successful sent page.

Sneaker Man

HOME DOCUMENTATION ABOUT US - Hello 707082902@qq.com! Log off

Email has been Sent!

ua@y.com

praj san

tester@gmail.com

tester tester

imbafym@163.com

Josephe Ayushi

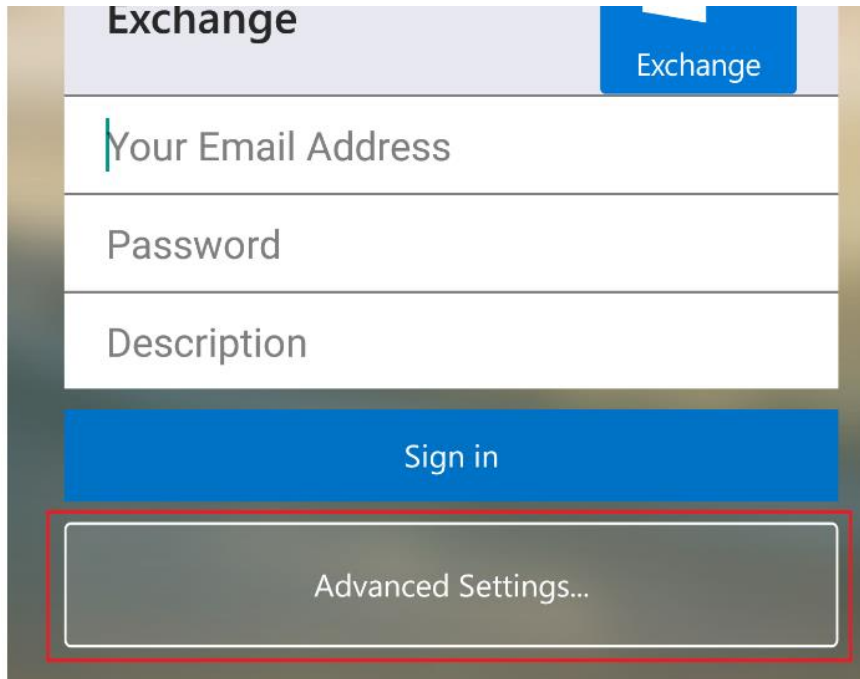
Message

Send

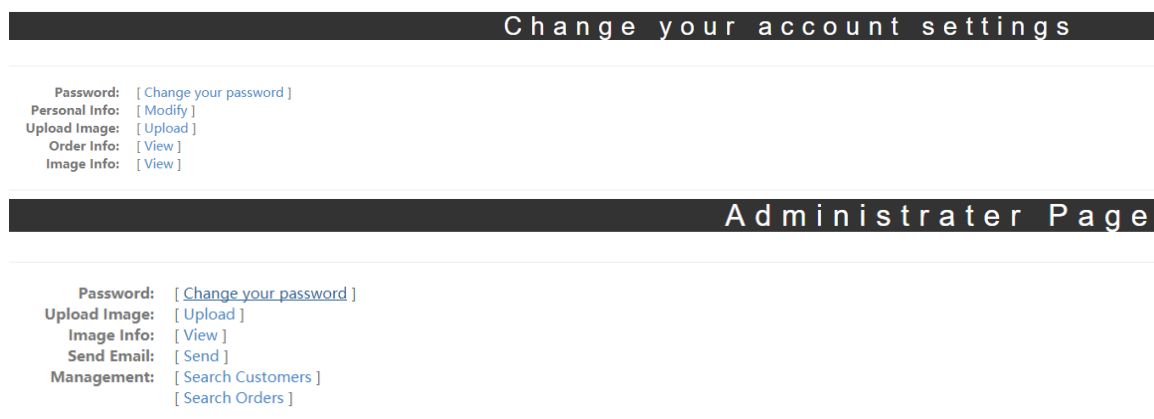
#### 4.5 Flexibility and Efficiency

The Interface should be flexible transforming itself between a novice user and an advanced user. The following image shows that for novice user, it hides the complex features under Advanced, so that use can go head with the default installation.

(Source from: <https://blog.prototypr.io/10-usability-heuristics-with-examples-4a81ada920c>)



In this website, for the normal account, there is no need for them to manage all of orders and users, but for admin, the account setting page is totally different.



**Change your account settings**

Password: [ [Change your password](#) ]  
Personal Info: [ [Modify](#) ]  
Upload Image: [ [Upload](#) ]  
Order Info: [ [View](#) ]  
Image Info: [ [View](#) ]

**Administrator Page**

Password: [ [Change your password](#) ]  
Upload Image: [ [Upload](#) ]  
Image Info: [ [View](#) ]  
Send Email: [ [Send](#) ]  
Management: [ [Search Customers](#) ]  
                  [ [Search Orders](#) ]

As we can see from the above images, for normal user, they should have the change password and upload image for themselves, however, the management and send email options are not useful for them and they don't want to see it. So I hide and management and send email sections for normal account user. I also hide the modify personal account information section for admin user. Finally, both roles can access to the useful function directly without any noise and distraction.

## 5. Checklist of site functionality

	TICK if complete
<b>1. (Layout Page)</b>	
Good Design	✓
Stylesheet	✓
Menu	✓
<b>2. (Home page)</b>	
Design and content	✓
Banner Image	✓
<b>3. (Site Adin)</b>	
Web form and validation controls	✓
Formatted data entry display	✓
Overall page design	✓
<b>4. (About Us)</b>	
About Us	✓
Our History	✓
Frequently Asked Questions	✓
<b>5. (Documentation)</b>	
Author/assignment details	✓
<b>6 Additional Distinction Items</b>	
Registration page	✓
Log in page	✓
Administrator to send emails	✓
Upload user image and Display	✓
Search through the list of people using name, email and address or a combination of all	
<b>Audit</b>	✓
No breaking of copyright	

## 6. User stories

### C task

#### Story 1:

As an administrator who works in Sneaker Man, I want to know how many user information are stored in this official website, and I want to know whether there is a customer named Frank, and how many orders he has on this website. In order to complete this task, I can link to the management page and choose Customer Management page, then checking the number of all customers which is displayed on the left top of table. Then I can access to order management and use the search textbox, because I want to check whether customer Frank has orders on our website. When I type in the Name of customer Frank, the result shows that there are two orders about Frank in our website.

#### Story 2:

As a normal customer, I want to learn some information about Sneaker Man. When I open the website, I can see some images on the main page and these images remind me that this website is about sneaker streetwear. Then, I can browse the main page to know what Sneaker Man have and the company vision directly. More, I can see the history and FAQ on the about section on the navigation menu. After I link to one of these pages, there should be a title to remind me where I am.

### Task D new

#### Story 3:

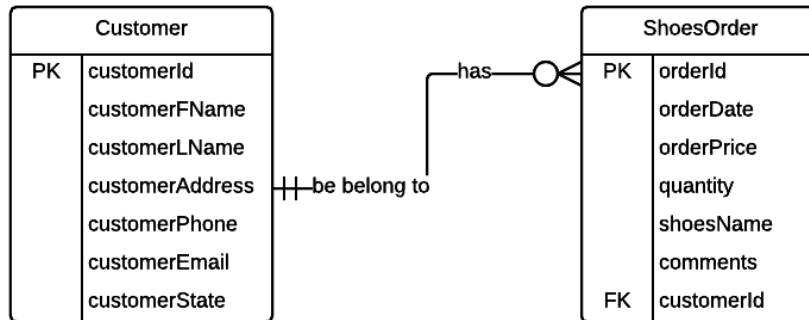
As a normal customer who has normal account on this website, I can directly login into the website and manage my personal account. I want to change the password of my account and then I click change password button to modify my password. Next, I want to upload my personal image of this account, then I click the upload button, and there is a new page which has the link to upload my image. After I select the image I want to upload, I click upload again and finally it shows your image has been uploaded. Finally, I can see the image when I click view button.

#### Story 4:

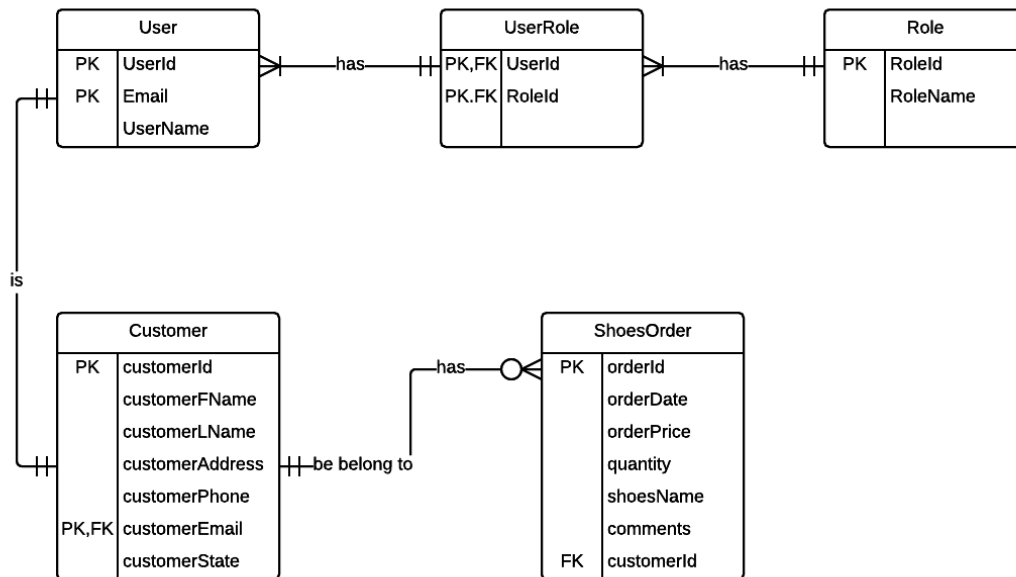
As a admin, I can login to the administrator account page by admin account. Then, I can see all of the user email in the send email page, when I choose two email address,

I can see the chosen email address in the ToEmail textbox. After I type these addresses into confirm textbox, and write some message to them, I can click send button to send the email. When email is sent, I can receive the feedback shown the status of email.

## 7. Entity Relation Diagram



### Task D new



## 8. Data dictionary

This application uses ASP.NET web application MVC structure to deploy, and built in Visual studio 2015 ide. MVC refers to Model, View and Controller. As the traditional application structure, MVC can help developer to manage the application more efficiently and simply.

- **Model:** The model's function is to build the database, and design the database relationship and data type. In this application, the database is built on MySQL DB.
- **Controller:** Then visual studio generates the tables from model to create the controllers correspondingly. C# is the main language to build the controller, and each method in controller will return the corresponding view in View directory.
- **View:** The last section is the View. The view of application is based on the ASP Razor and Bootstrap framework. Razor framework help developer to manage the html view in a simple and concise way. First of all, there is a \_layout.cshtml page, which can render and design the header and footer directly, then the content(body) can be designed in different views separately. Then, all the pages are in the same style and looks more consistency. What's more, the view page is designed in html and then rendered in CSS file. In this website Bootstrap framework is used to develop the theme and style, which is the most popular integration system including HTML, CSS and JavaScript for developing the responsive websites.
- **JavaScript**  
This directory contains all the scripts are used in this website, including jQuery.js and bootstrap.js. Bootstrap datepicker is used to build the date picker when user create the order date. Also, I use jQuery table to render the table in both customer management and order management page. Apart from

these two scripts, I also use jQuery animate to make the page scroll smoothly and Bootstrap carousel to show the banner image on main page.