

1.0 INTRODUCTION/OVERVIEW OF PROJECT

The system that is about to be developed is a system named Online Electronic Shopping System. So what is this system is all about. Online Electronic Shopping is a system that would significantly help the public in order to purchase for all kinds of product which they desire to possess.

So basically, this system also has the capability in increasing the way the people live their life. This is because when they use this kind of system, it will bring varieties of good things to them in many ways. When the user use this system, they will eventually view many sort of items displayed which include the television, phones, kitchen appliances, gaming devices and also accessories.

For this system, there will be two type of user which stands from the admin and also the public. For the public, they can basically, update their profile picture and also profile in case their home or working address have changed over time. Then of course they can buy the product and they can also view all the items that they had ordered.

Meanwhile, for the admin, they will have the ability in adding new product to the online system in case a specific product had sold out and received a huge demand from the customer themselves. So for the problem statement, there are actually some of the problem that had been identified.

This system will actually make the people lives into a convenient manner since by using this system, the people do not need to have the difficulty of finding the right time just to go directly to the mall and they do not also have to waste their energy from walking from one store to another store just to find the best item that meet their requirement.

So this system also may be a medium of the commercialization of a product. This is due to the fact that there are some of the products within this online shopping site that people may be unfamiliar with, so when they use this system and see that rare product themselves, they can know what that product is all about. Basically, it will certainly make that product becoming more well-known among the public and the user of the system.

2.0 STATEMENT OF PROBLEM

➤ People busy with their working schedule

One of the problems is that the people are too busy with all of their working schedule and also their lives. As we all already aware, people nowadays have their own work and busy life so they do not just have their free time just to spend time to go shopping directly at the mall. When they tend to go there, it will surely waste a lot of their time with the traffic jam and others. So by using the system, they do not have to worry about all sort of things since that by using this very system, they can do their shopping at any time and also anywhere that they go.

➤ Difficulty to purchase for the best item

Then, the people also find it hard to purchase for the best item that they really want when they shopping at a store in the mall. This commonly happen because when the people just enter a store in the mall, sometimes there will be a staff that will keep following us when we try to choose the item while voicing their own opinion on which item should be purchased. Because of this problem, the people do not have all the freedom that they really want when they shopping for their item. So this system can help avoiding that issue since when they use this system, they do not have to even bother to care about a staff of the mall following them because they can just do their shopping whether they are at their office or home.

➤ Lack of transportation

On top of that, there are also some unlucky people that having some problems with the transportation. If they tend to go to any shopping mall, they must firstly rent a car or any public transportation. This is actually kind of annoying for certain people since that it also waste their money. So to solve this problem, they can just use this system and they do not have to spend their money on the public transportation any longer. Hence, it will also save a lot of their budget and they can also use that money that they commonly spend just for the public transportation for other urgent manners.

3.0 DEVELOPER PROFILE

Profile

Name:

- Nik Mohammad Hazim Nik Najib

Date of Birth:

- 6th July 1996

Age:

- 22 years old

Place of Birth:

- Kota Bharu

Place of Living:

- Kelantan

Education:

- 2003-2008 (Sekolah Kebangsaan Sultan Ismail Satu).
- 2009-2013 (Sultan Ismail College).
- 2014-2016 (Diploma of Information Management at UITM Machang Kelantan)

Skills and Expertise:

- Adobe photoshop, programming, CSS, HTML and Adobe In-Design

Experience:

- Used to produce a website for small company and designing a poster for some of the companies.

Additional Skills

- Willing to learn new things.
- Can accept any complain and advice
- Not easy to give up on something

4.0 AIMS/OBJECTIVE

The objective of this project is as the following:

➤ **To facilitate the people in purchasing for electronic product online**

Within this system, all of the products that will be sold are only focus on the electronic product. So indeed, it is unlike any other online system since that other system sold various type of product instead of just focusing on one type of product. Sometimes, user face some difficulty when all type of product being mixed. For example, the user want to search for the air fryer product, however it seems another type of product also displayed which lead to a confusion among the customer. So by having the system, it will surely helping the user in purchasing for all of the electronic product that they desire in an easy and faster manner.

➤ **To save the time of people by do not need to go to shopping mall to purchase for item.**

As mentioned before, the public are really busy with their own career and their life to the point that they do not possess any time to go to any shopping complex to purchase for the item that they want. However, they do not need to have any problem like that anymore since this system will provide them with 24/7 hours of access in order for them to purchase and look for any kinds of electronic products. They do not even have to bother going to the road and facing a traffic jam before they reach the mall when the likes of this system exist.

➤ **To help people saving a lot of cost and energy**

On top of all that, this system also will make the people saving a lot of their cost and also their energy. Why this being said is because when they do their shopping online and not directly going to the mall, they basically do not have to draw out their money just to rent a car or any other public transport in order to go to the mall. Besides, it also saving their energy since that they do not need to walk from one store into another store within the mall any longer just to find the item that really meeting their need.

➤ **To avoid people from making mistake when choosing appropriate item they desire**

This also had been mentioned before which the public usually facing some difficulty when they tend to decide on the best item for them. The staff that works at the mall will likely to commercialize any other item that actually not what really want to buy. However, people will commonly buy that product promoted by the staff because of the way they convinced the public that the product is simply better than others and when they got home, they just will feel quite depressed because they realized that product is not what they really want. So this system was specifically designed for the people that have this kind of issue. Now the people do not need to face any annoying mall staff that keep following them anymore because they can do their shopping even when they are cooking at their home. Just as long as they have any digital devices with them, they can use this system easily.

5.0 SCOPE/LIMITATION OF PROJECT

The scope of this project is actually what will the user view when they log into this system. Indeed, firstly they need to log into the system whether they are the public user or admin. For the public, once they had log into the system, they will see the dashboard page which will displayed a greeting to the fellow customer. On the dashboard page, they can also see a little bit product that are sold within the system.

Then, there is the view profile page where the user can see all of their information such as their name, address, place of living and also email on which they had registered when they register as the user of the system in earlier stage. The phone number of the user will also be displayed in this very page.

After that, in the next page which is the update profile page, the user will have the capability to do any correction in case there is any information that had evolved such as their address. Their address may change once they move on to another place in time. So by going to this page, the user can simply input all of the latest information easily.

Then, the user can go to the update picture page. This is where the user can choose any picture that they want to choose as the profile picture. They will have the freedom in choosing whatever picture that they have in their computer.

Next is the buy product page. On this page, the user can see many kinds of product that being sold in this system. So here it will display the product name, product price and also action. So if the user wants to buy a certain product for example the food steamer, they just need to click at the added to cart button and the product will be added to the list.

Move on to the next page is the view cart page. This page will display all of the lists of item that had been requested by the user just now in the buy product page. So here it will show the quantity of the item that the user wants to purchase and it will also show the total price for all of the items. If the user really want to proceed with the purchase of the product, they just need to click confirm purchase button. Otherwise, they can click the empty cart button.

Then they can proceed with their payment. For the payment, the user will be asked with their credit card number and also CVV number. Once they had fill in this form, they can finally made the payment happen. Then, in the view order page, it will basically display the order id for each item and also the order total which is the amount for the item.

The next page is the view rating page. This page will enable the user in giving the rating that they want for each of the product that they purchased through this very system. So the range of scale that was given for the rating is ranging from 1 to 5. If the user feel unsatisfied with the product that they received, they may rate the product as 1 or 2 meanwhile if the user feel quite satisfied with the product, they may rate the specific product as 3, 4 or 5. After all of that, if they do not want to use the system any longer, they can just click log out and exit from the system.

So that is for the public user, for the admin, they also need to log in before they can use this system and once they had log into the system, they will see the interface of the system. For the admin, they will have the ability to add any new product within the add product page. So in case the specific product had been sold out, the admin can just go to this page and then they can easily add all the new product and also the product to replace the product which had been sold out,

6.0 MILESTONE/GANTT CHART

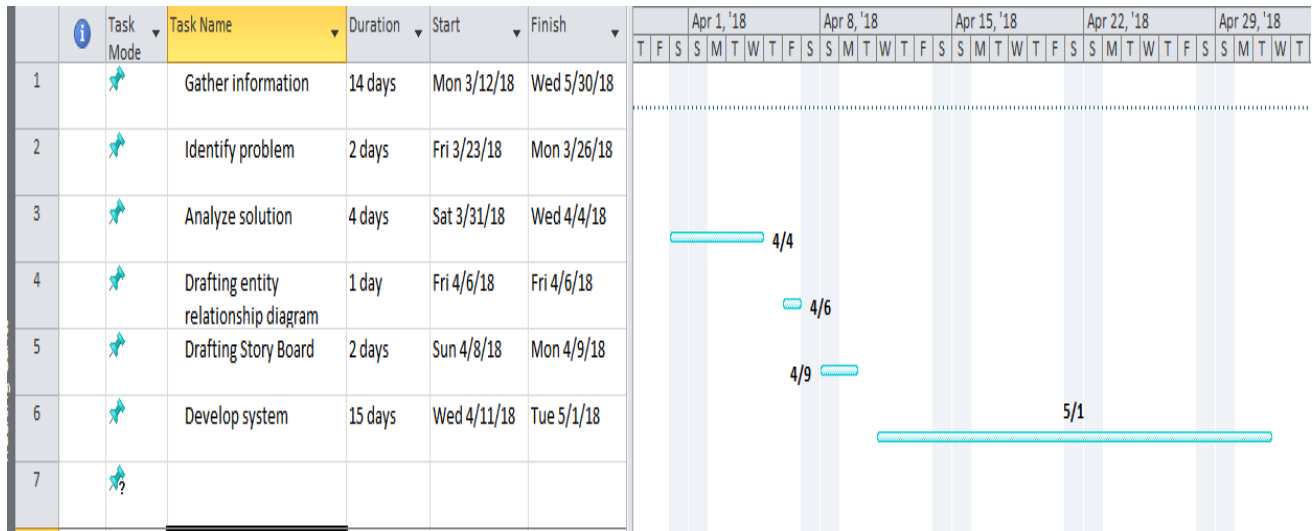


Figure: Gantt Chart for the project development

7.0 ESTIMATED BUDGET AND COST REQUIRED FOR PROJECT

No	Items	Description	Price
1	Notepad++	Notepad version V7.5.6 The Notepad++ will basically be used as the medium to write all of the codes and programming language. It is a more advance compared to the old version of Notepad	Free
2	Adobe Dreamweaver CS6	Adobe Dreamweaver CS6 Used primarily in this project development to design and code the HTML and CSS. It will be used to create the web pages. It also allow the user to	RM3000.00

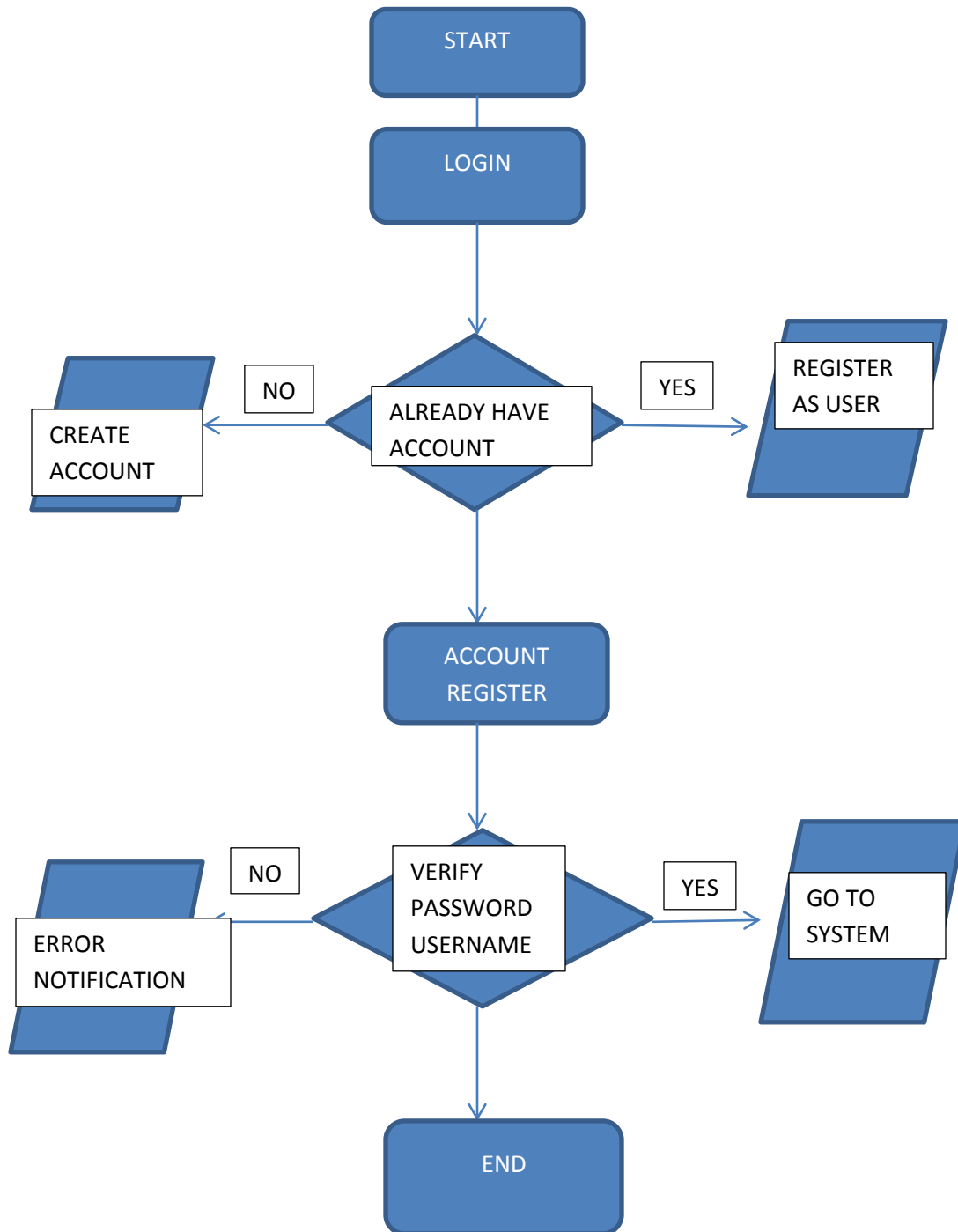
		create the code and at the same time have the ability to see the design components created in real time.	
3	PHP	<p>PHP version CS5</p> <p>The PHP is used within this project development since it it can interact with many different database languages including MySQL.</p>	Free
4	Xampp	<p>The xampp is used within this project development since that it is easier to set up the configuration. It is also more powerful tools compared to wamp. Xampp basically providing support for Mysql, PHP and PERL.It also contain SSL feature which wamp does not have. So basically it is used in order to run the system.</p>	Free
5	Laptop	<p>Laptop Model Asus</p> <p>The laptop is crucial tool for this system development. Without the laptop, there is no way for the project to be executed. Basically all of the likes of xampp, sublime and also the dreamweaver application need to gain the support from the laptop or any computer device before it can be fully utilized.</p>	RM2500.00

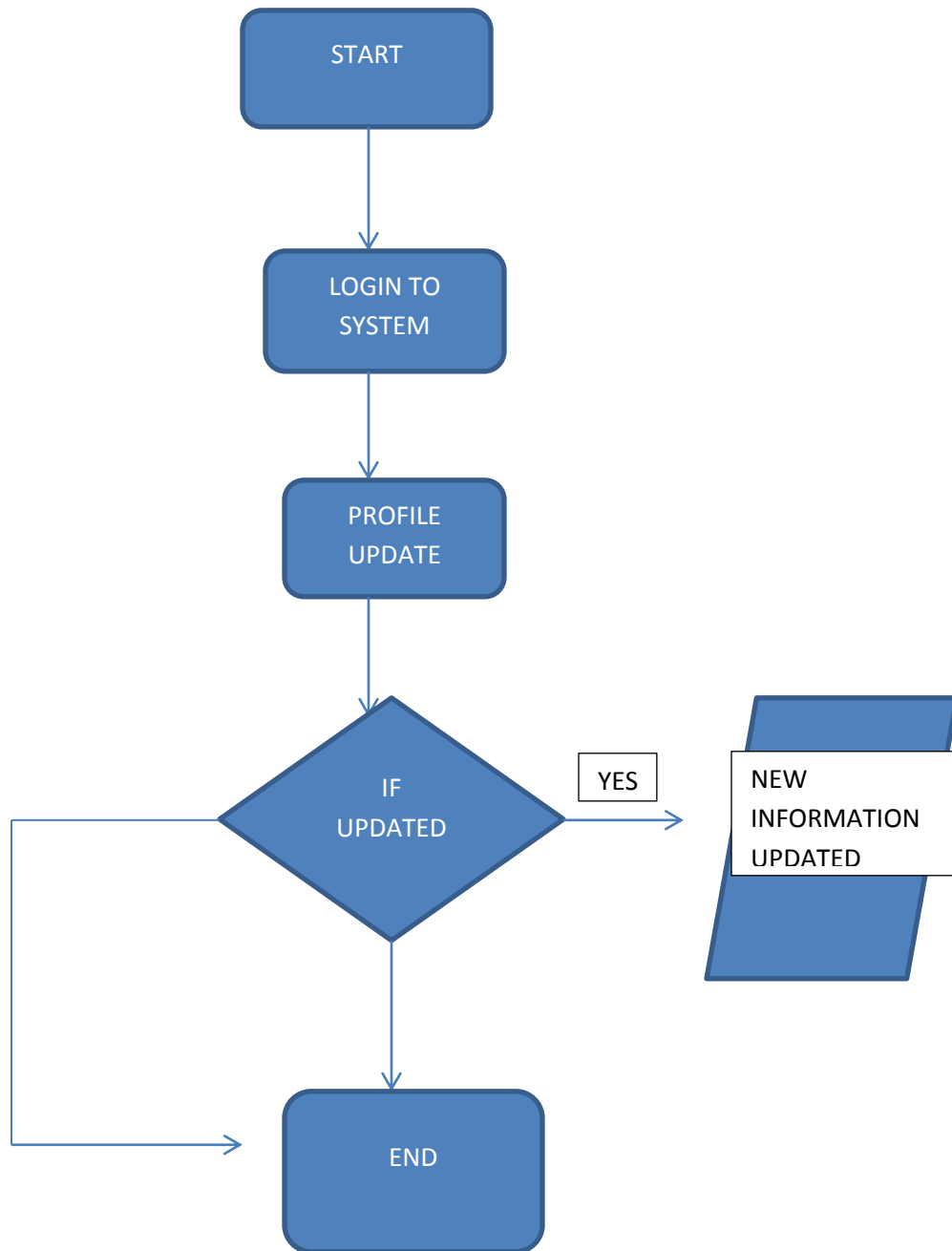
8.0 HARDWARE AND SOFTWARE DETAILS

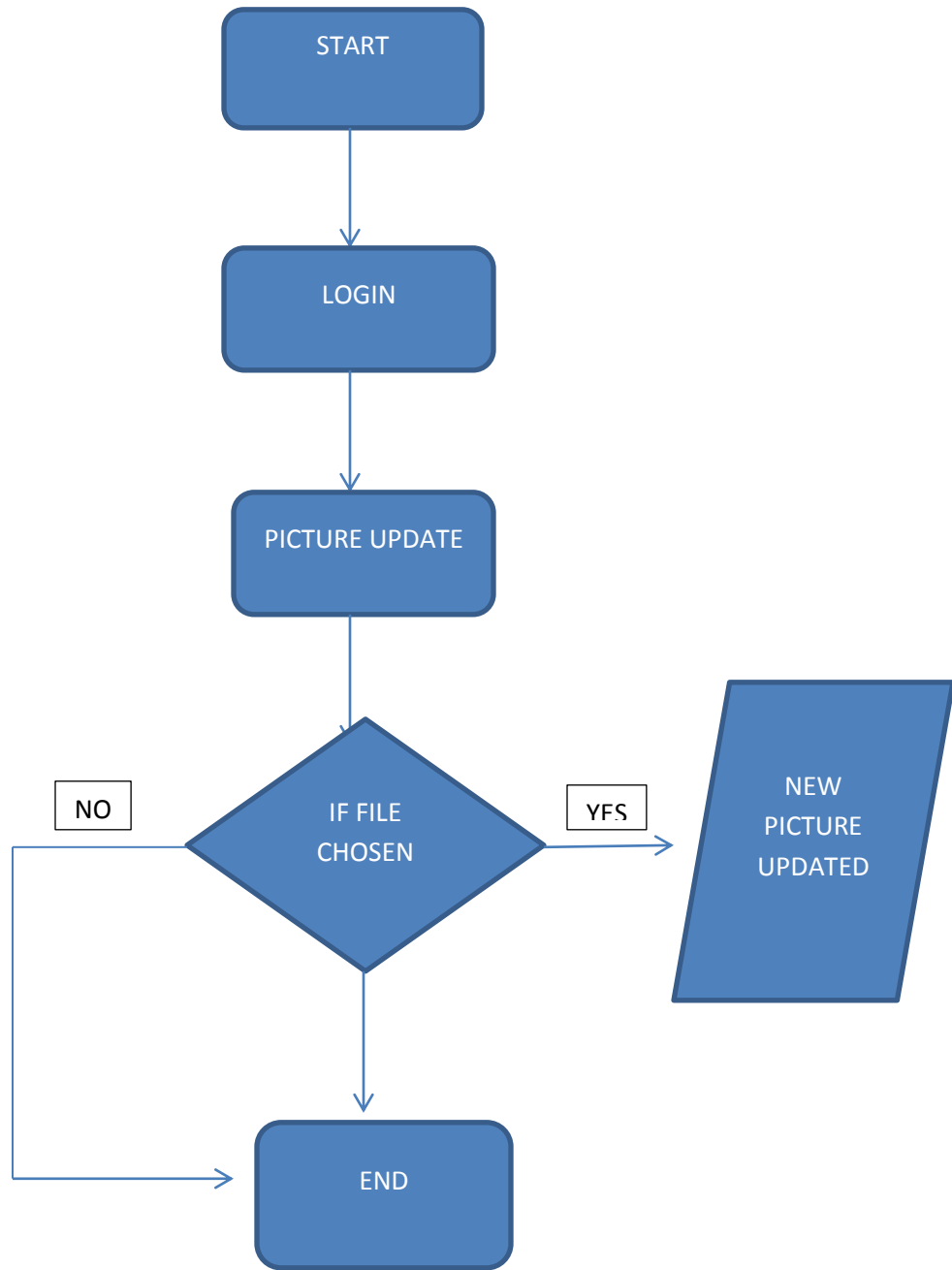
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5	Laptop	Laptop Model Asus The laptop is crucial tool for this system development. Without the laptop, there is no way for the project to be executed. Basically all of the likes of xampp, sublime and also the dreamweaver application need to gain the support from the laptop or any computer device before it can be fully utilized.
6	Printer	The printer is also one of the crucial tools within this project since that we need to print the evaluation form and also the reports upon our task
7	Mouse	The mouse is important especially when developing the system, it is more comfortable to point at any link that we want. Sometimes,

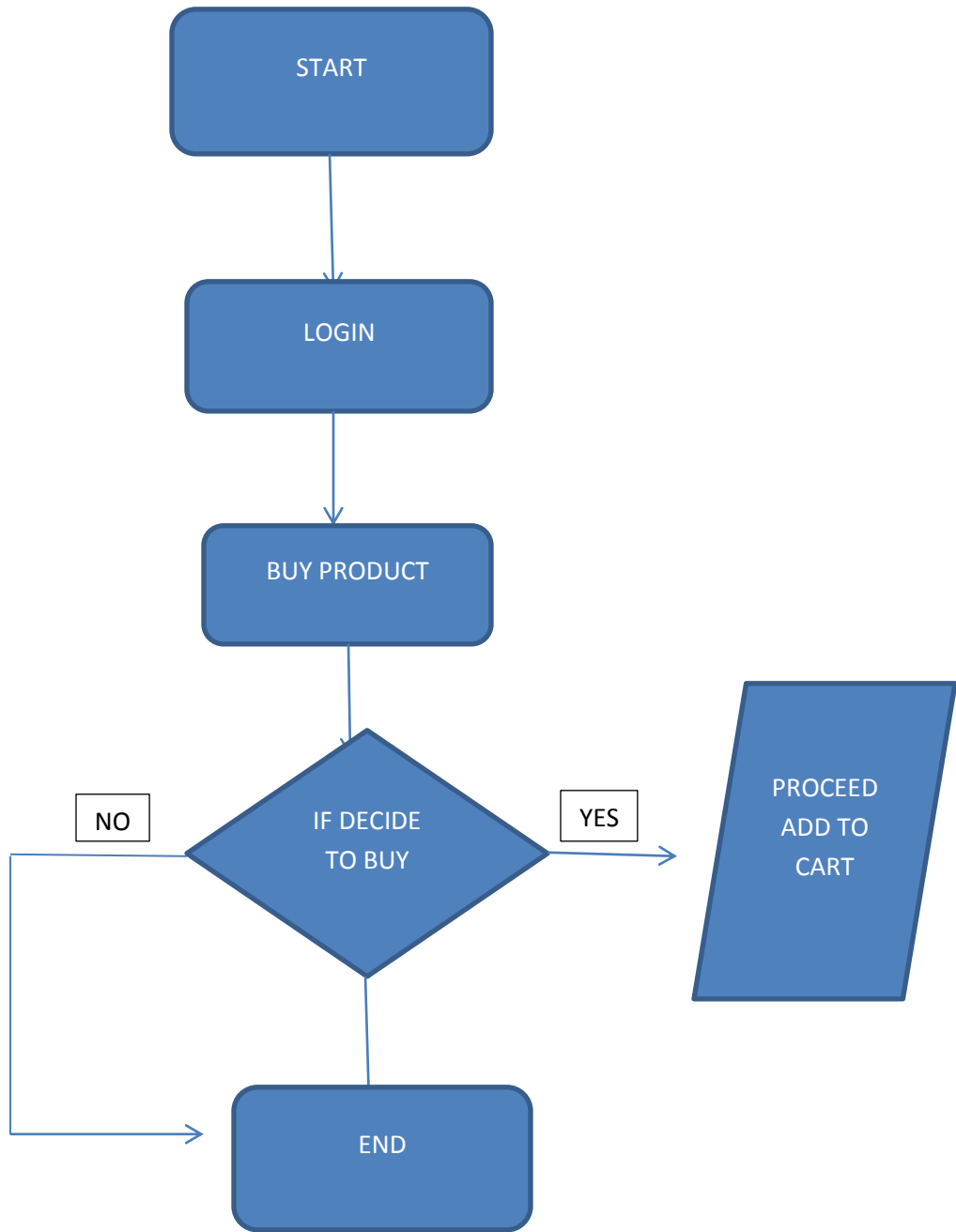
		it is just not comfortable by using the touch pad at the laptop since the space for us to move around the cursor is very limited.
8	Sublime	Sublime version 3.0 The sublime is used in case the dreamweaver cannot be utilized due to certain reasons. It is a proprietary cross platform source code editor with Python application programming interface (API), It supports many programming languages and markup
9	Motherboard	This will be used in case something goes wrong with our laptop. So this will be served as the back-up for our project and it is important component in order to run the computer system. Without the presence of the motherboard, all of the system will basically be useless and cannot be run.

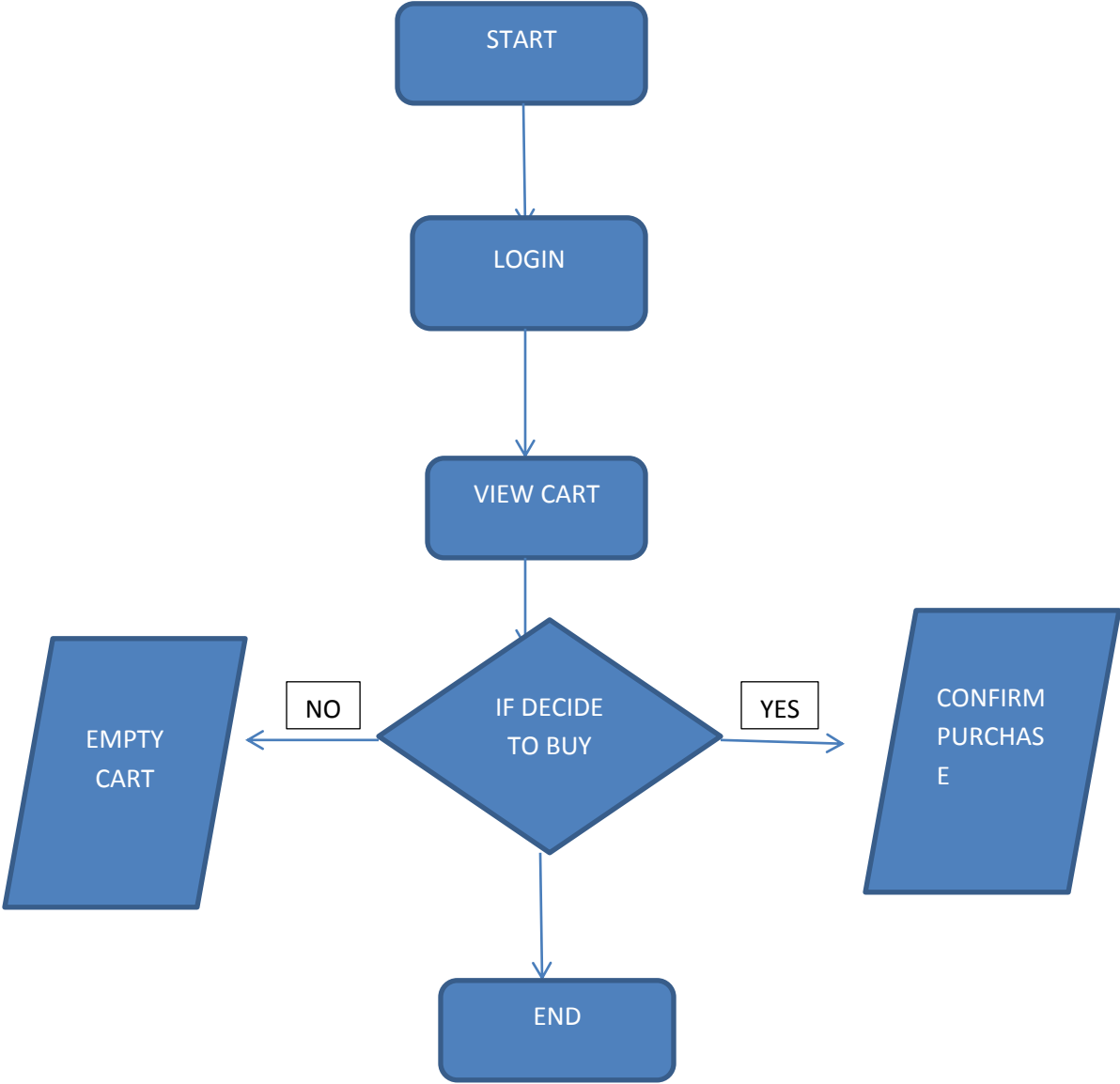
9.0 SYSTEM FLOWCHARTS

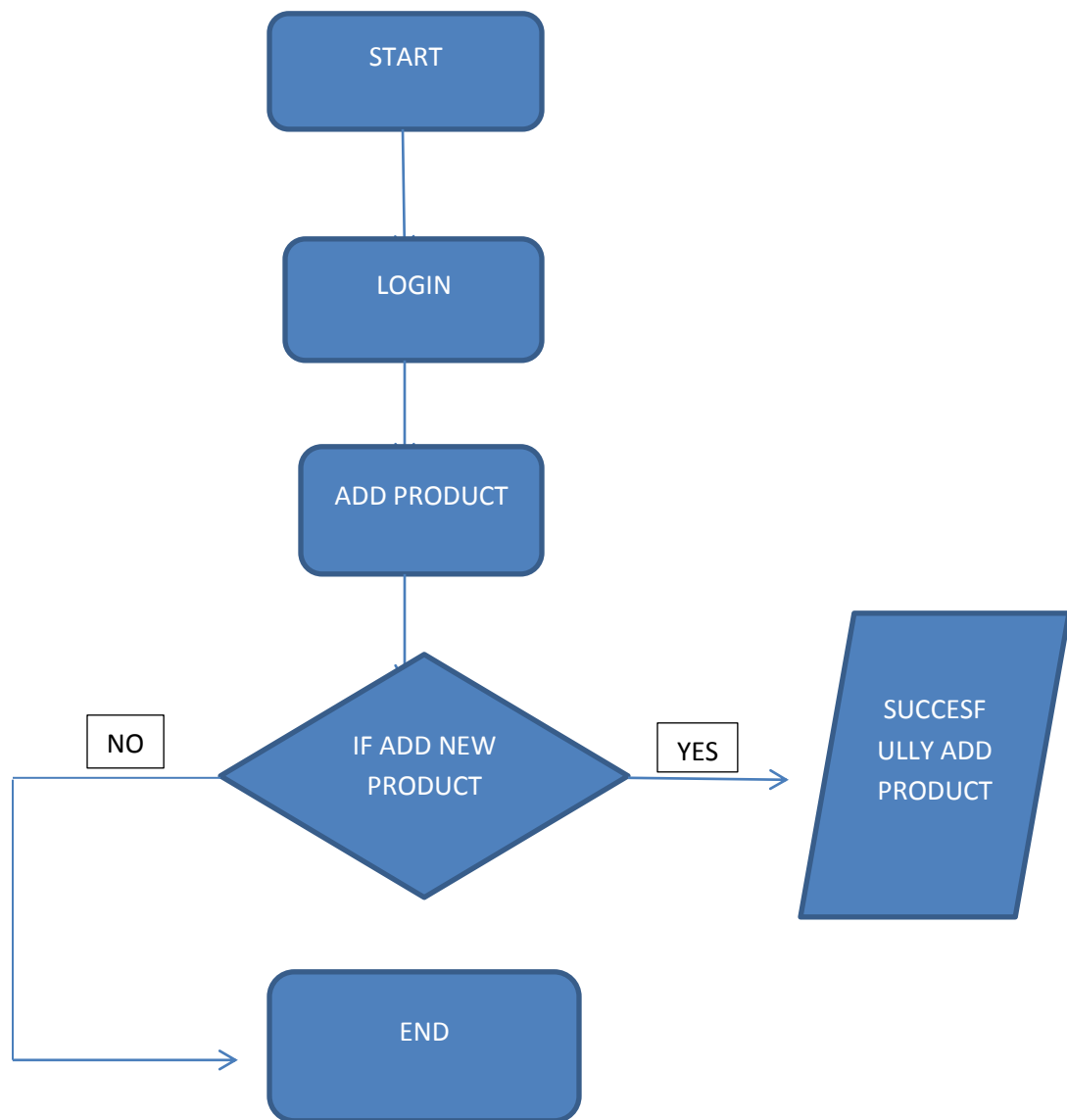




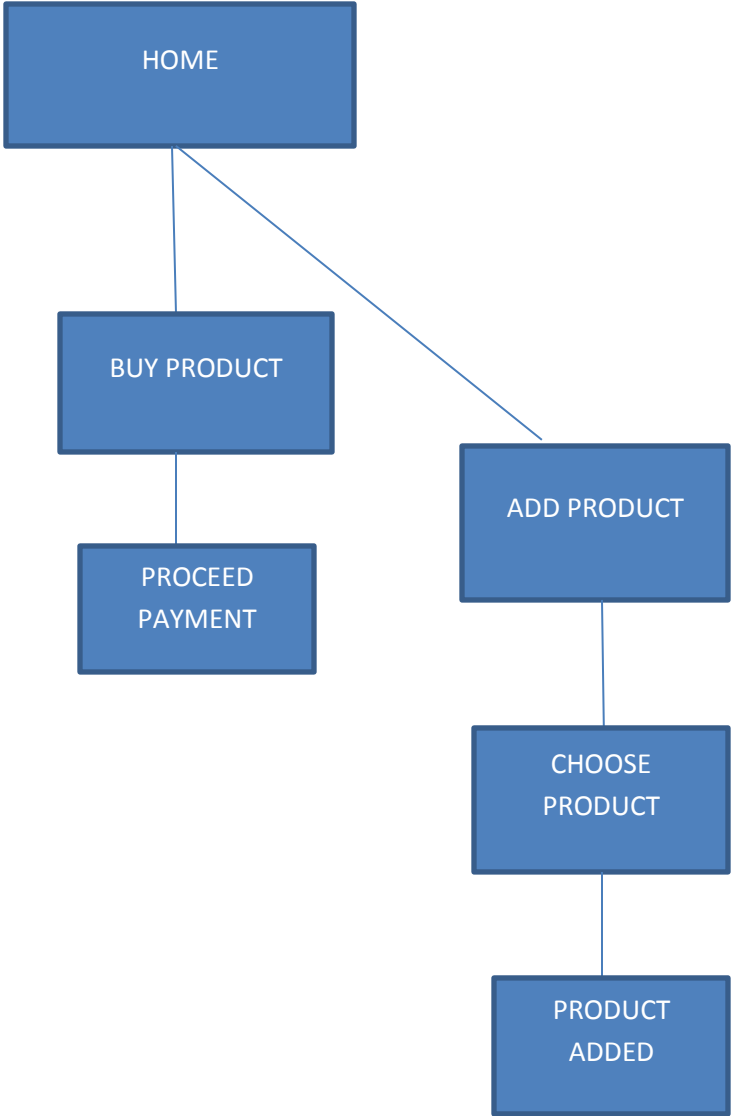




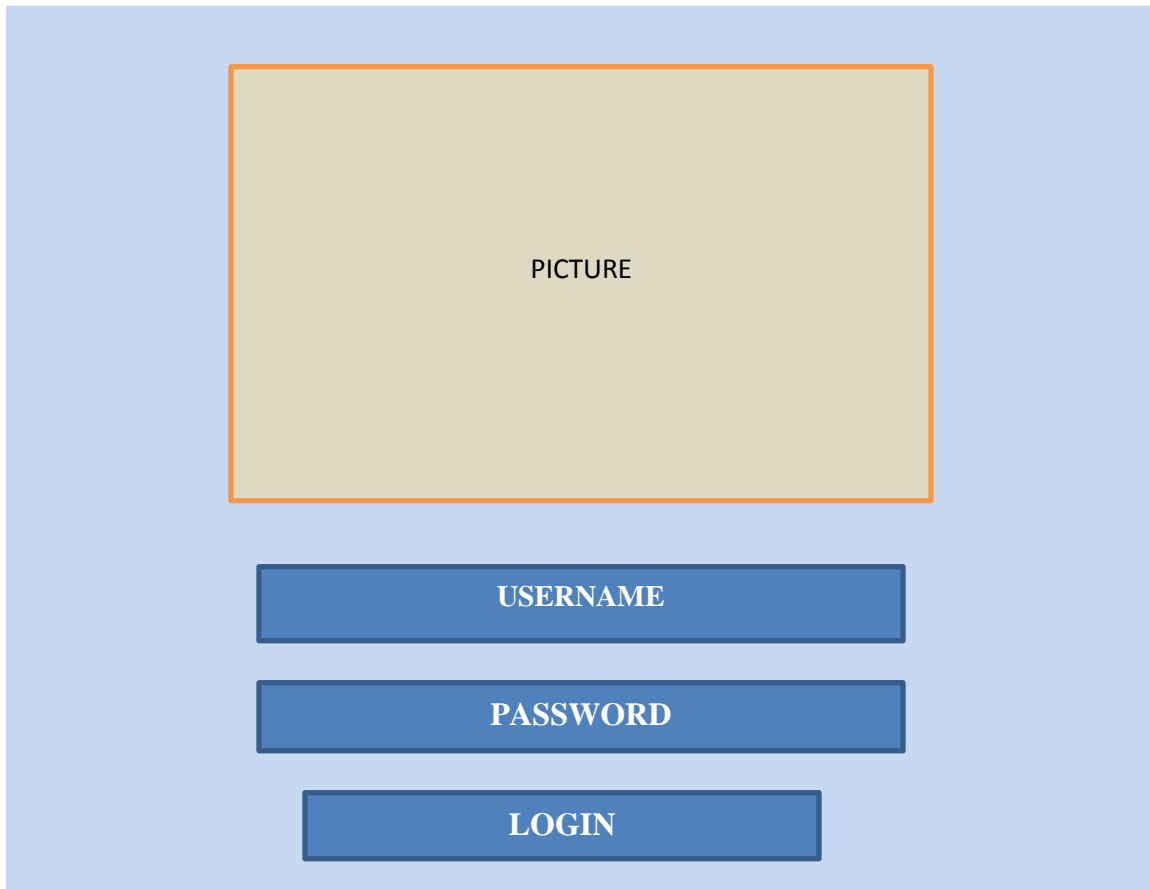




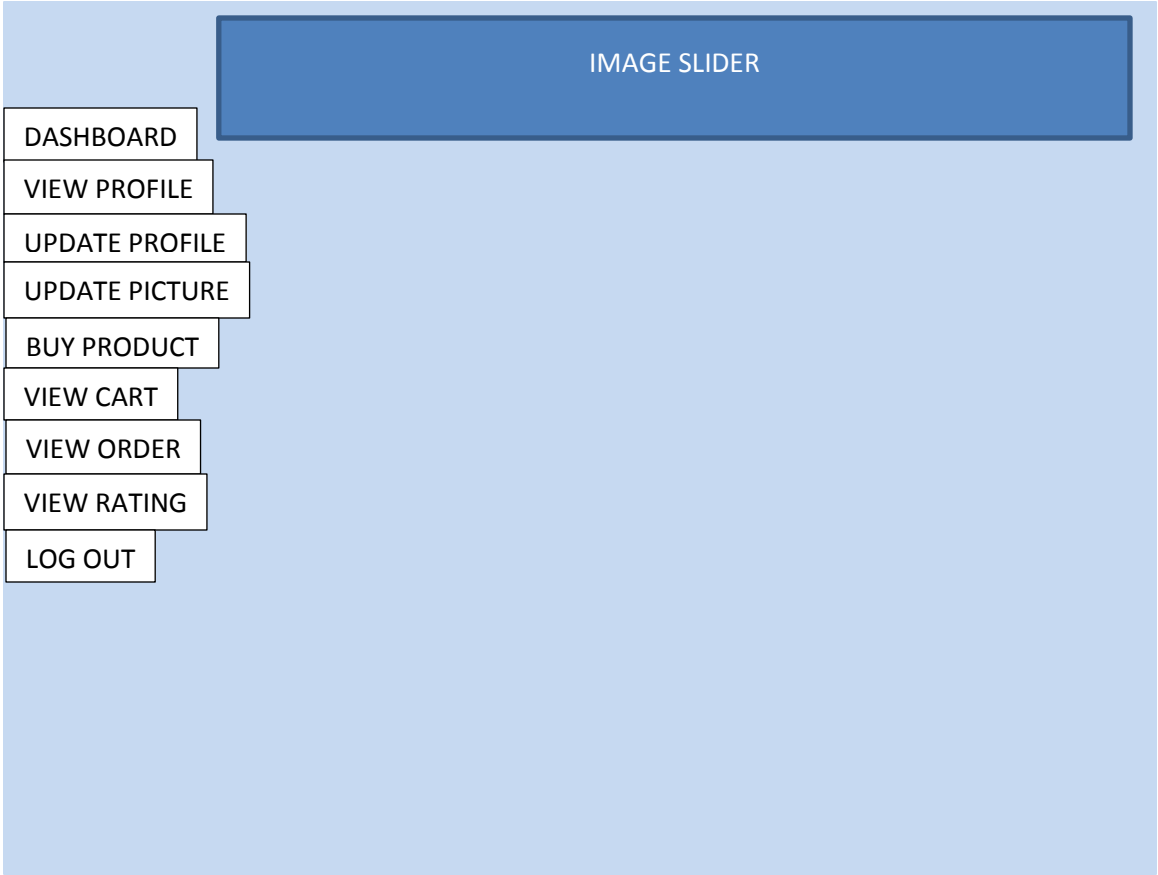
DATA NAVIGATION



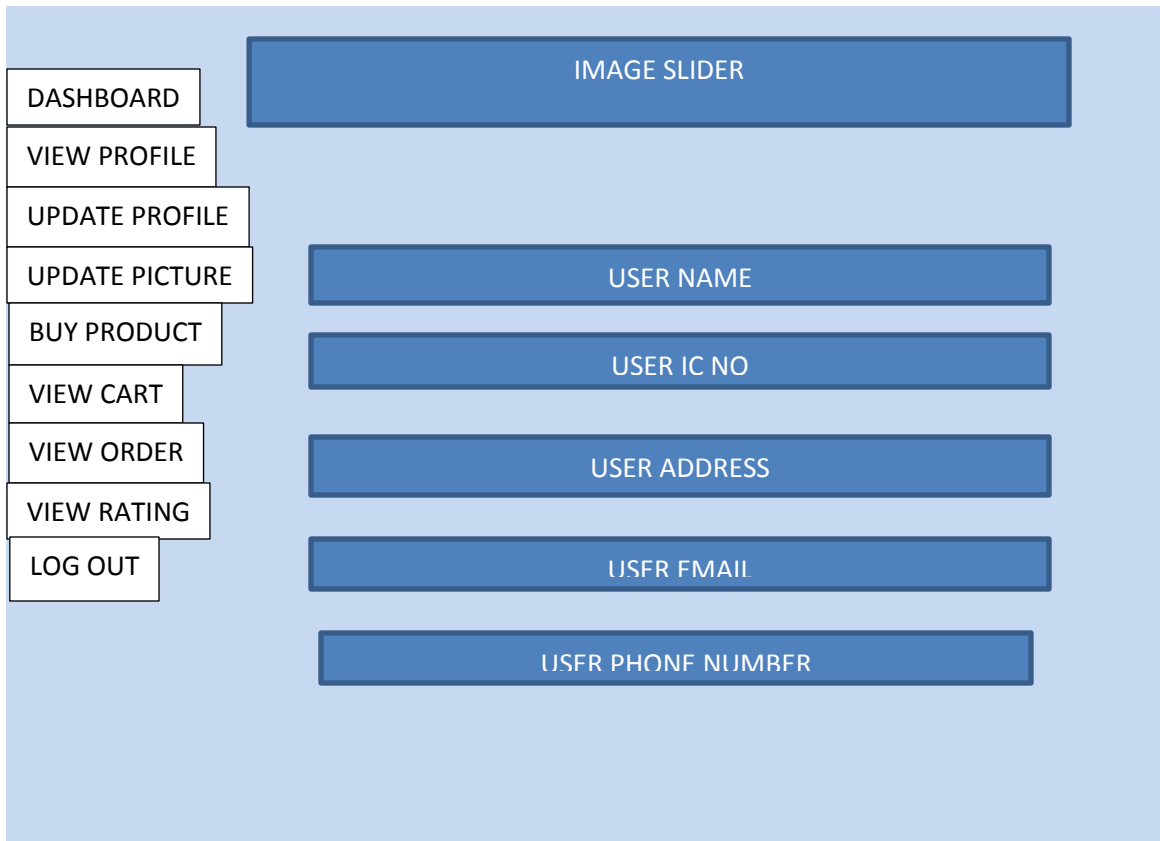
10.0 STORYBOARD



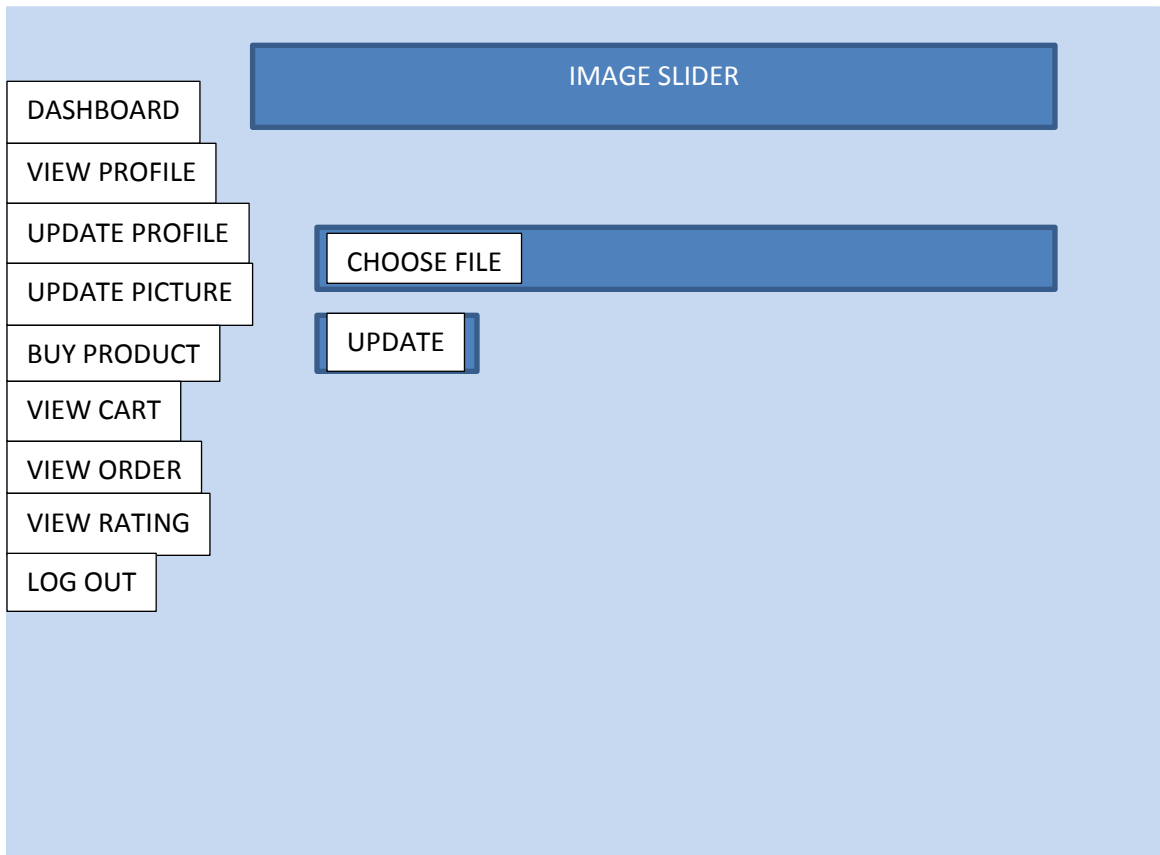
First Page: User Log In Page



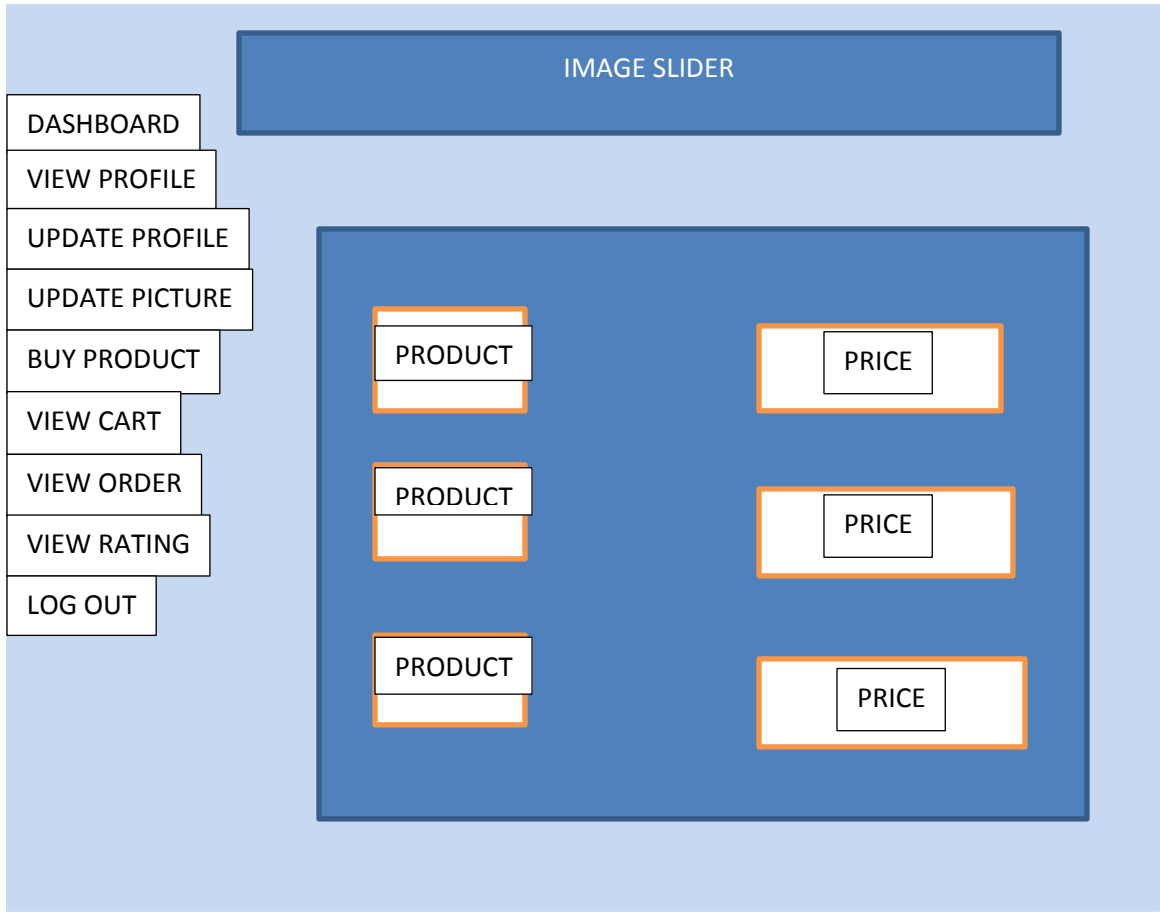
Second Page: Home Page



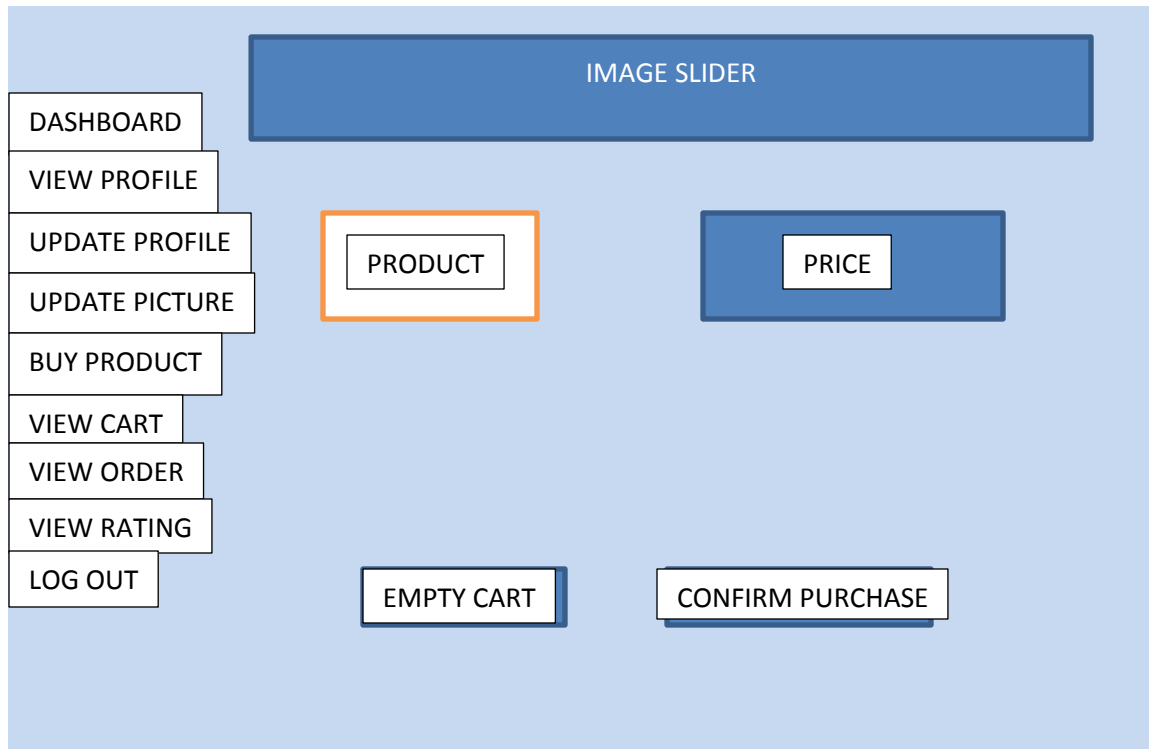
Third Page: Update Profile Page



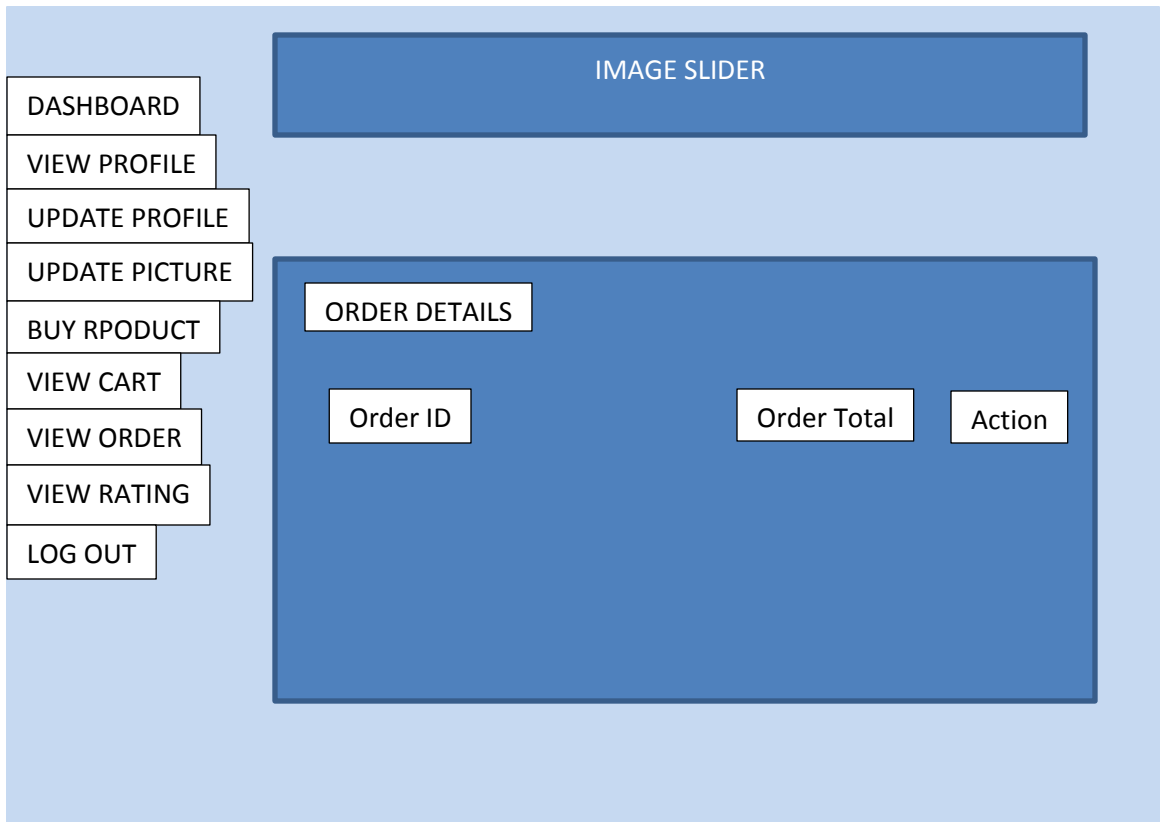
Fourth page: Update Picture Page



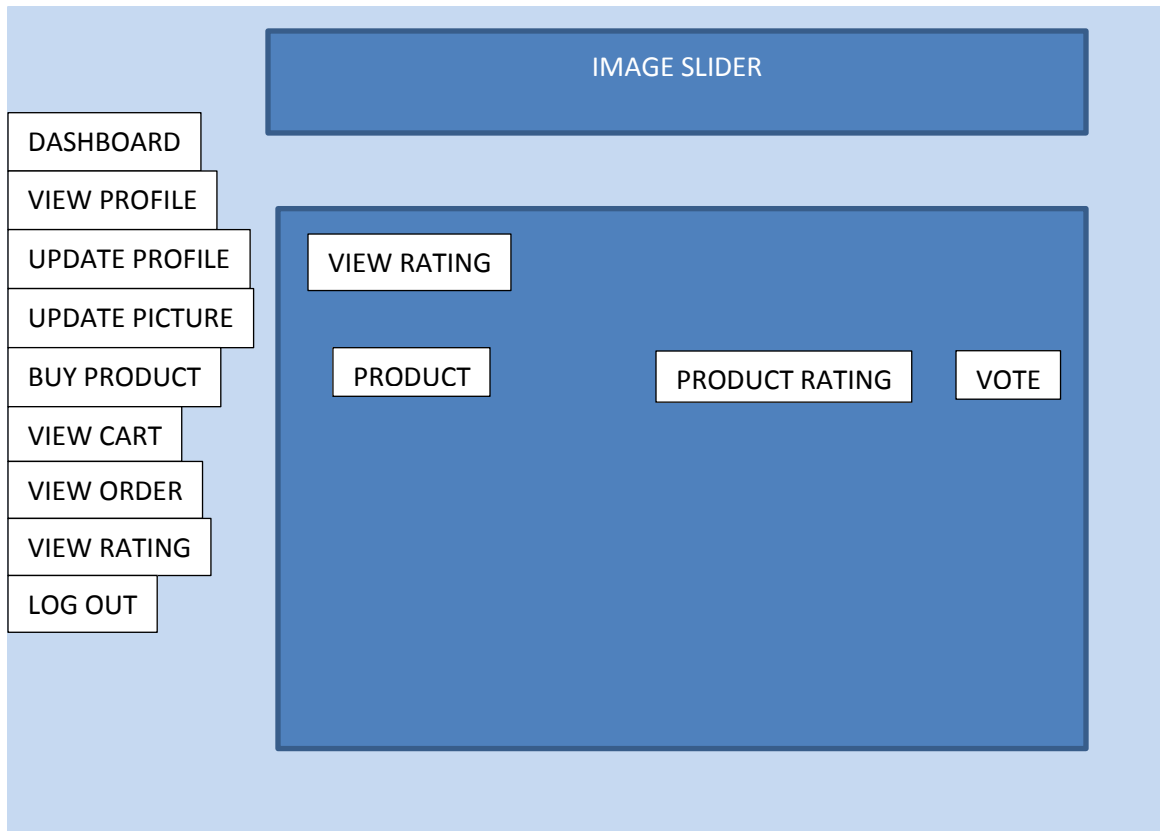
Fifth page: Buy Product Page



Sixth page: View Cart Page

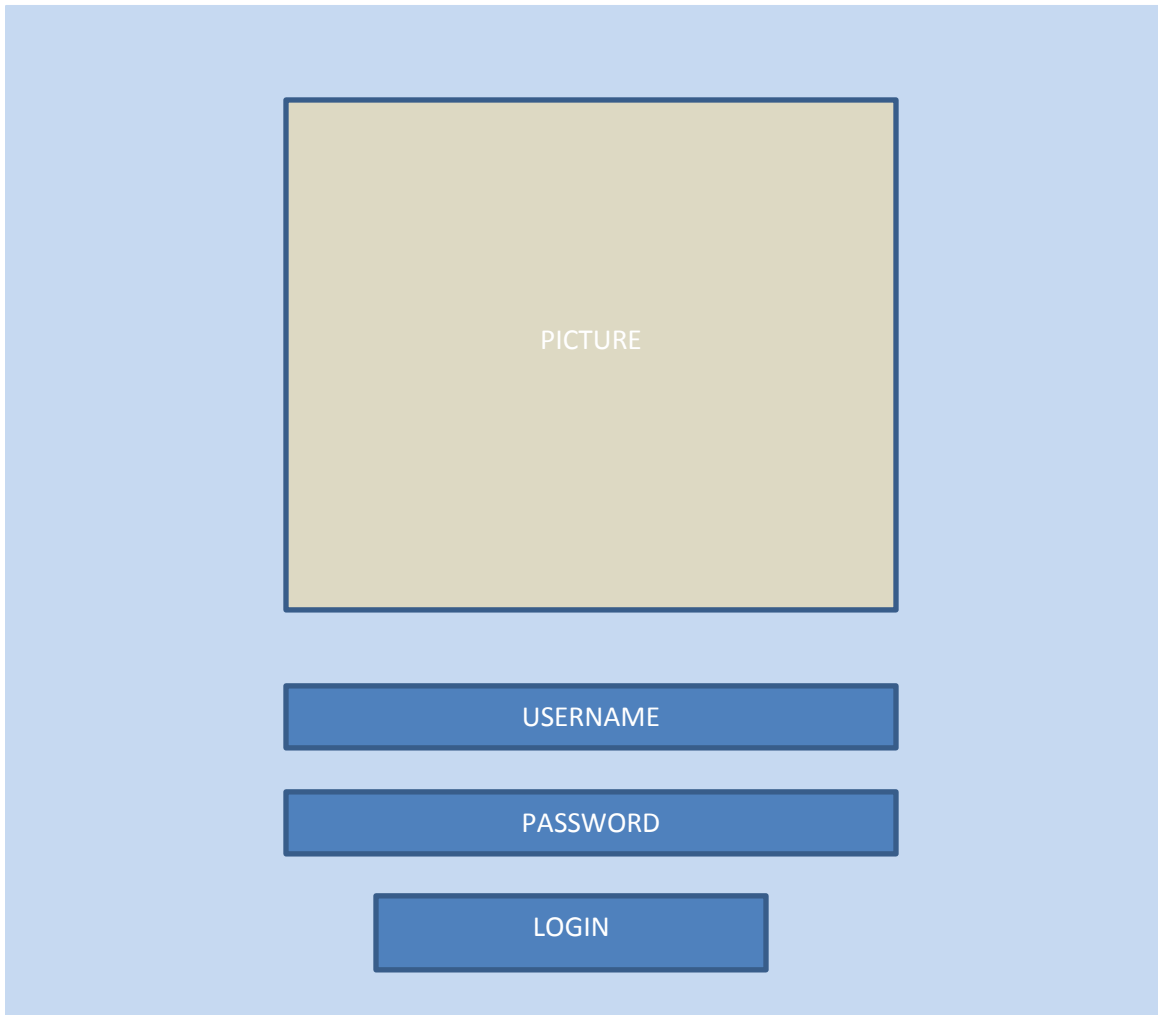


Seventh Page: View Order Page

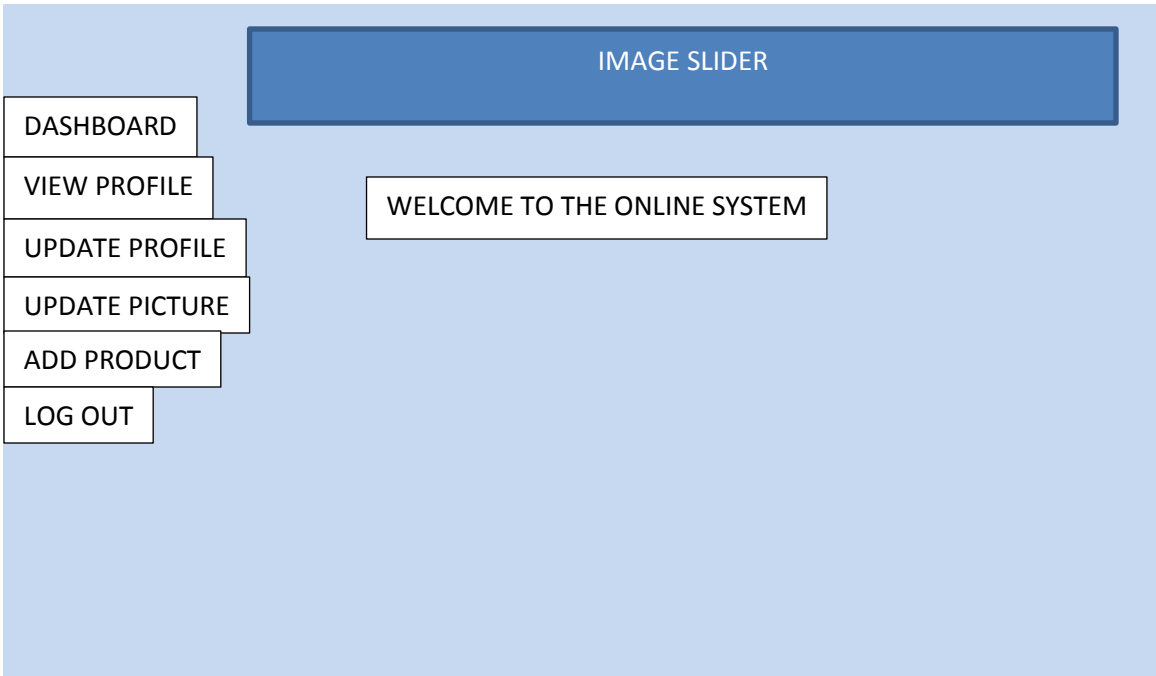


Last page: View Rating Page

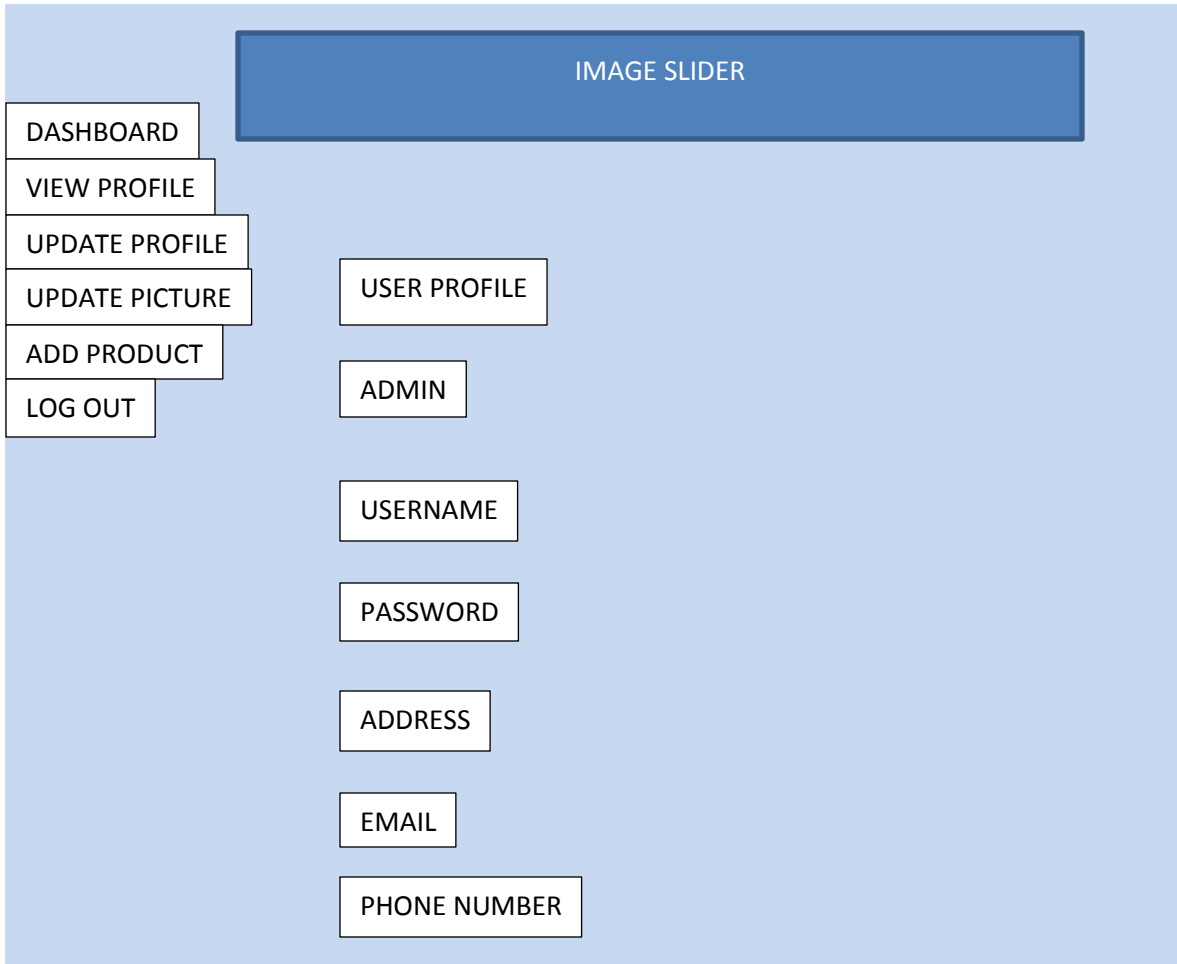
➤ Admin Interface



First Page: Log In Process



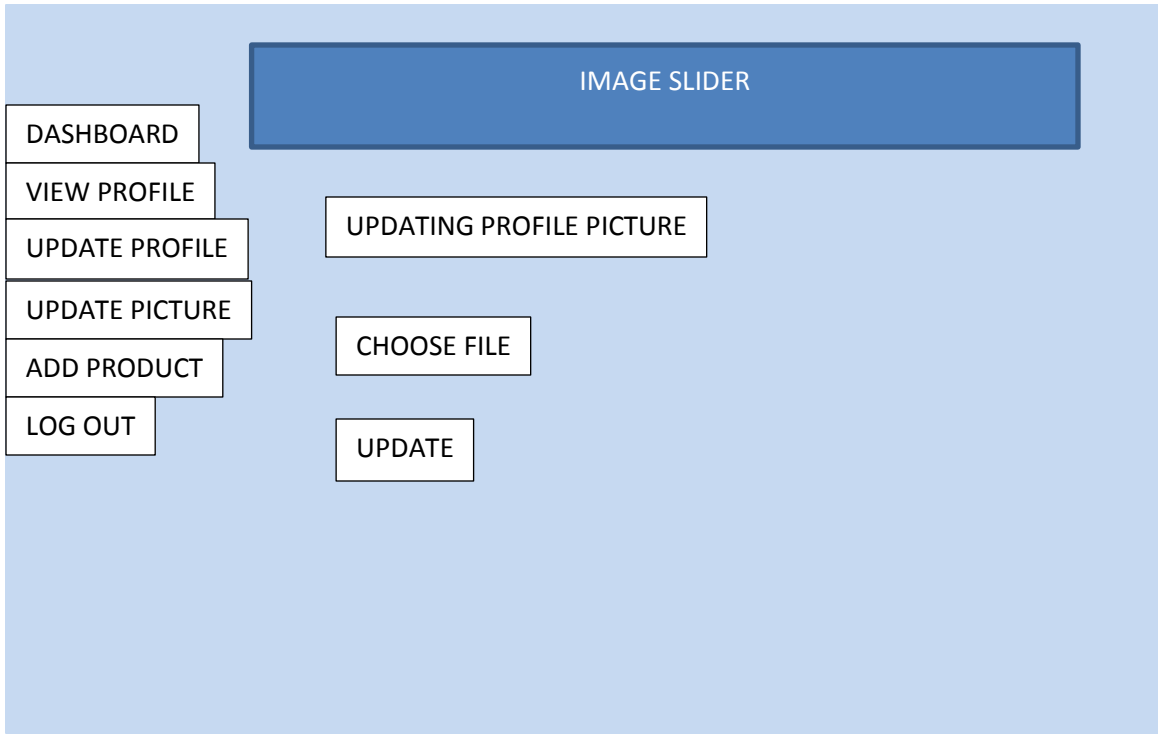
Second Page: Home Page



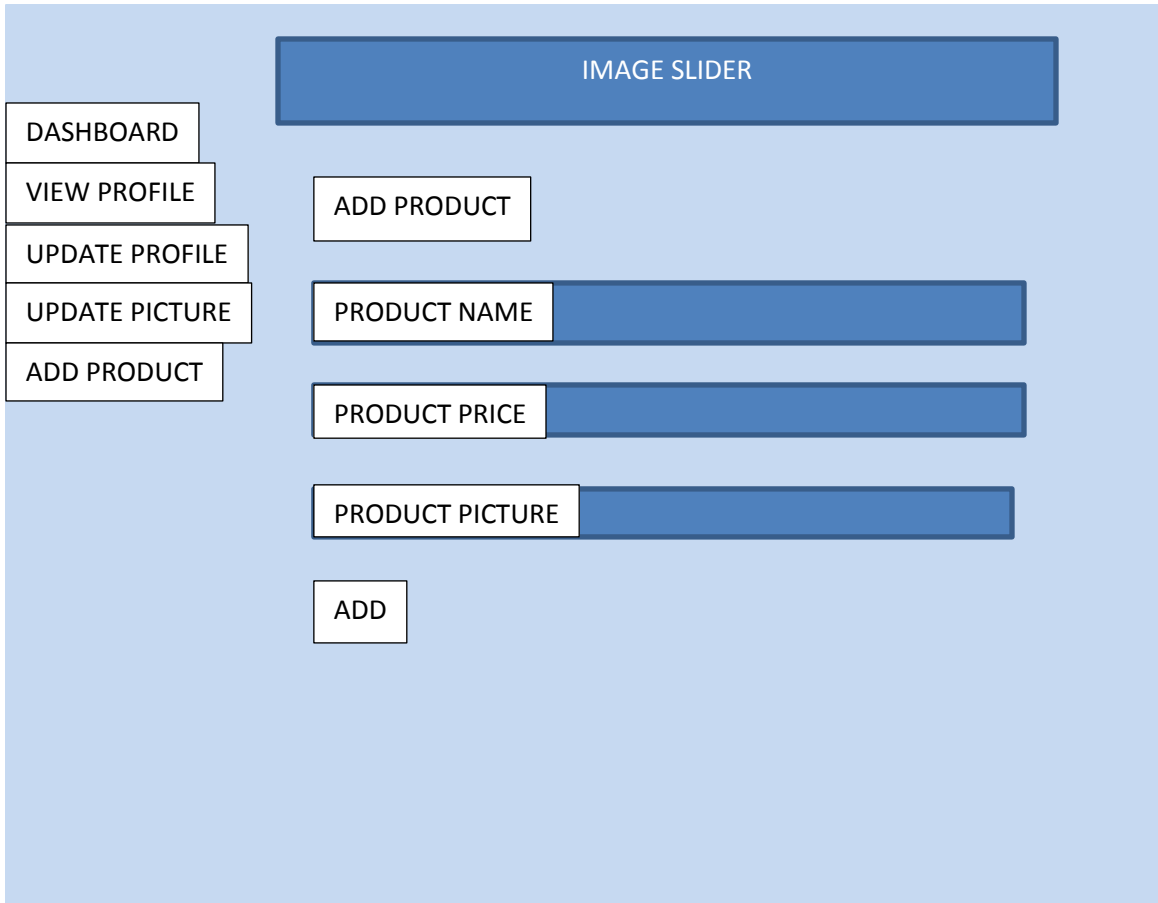
Third Page: Admin user profile page

The image shows a user interface for updating a profile. It features a light blue background. At the top right is a dark blue rectangular area labeled "IMAGE SLIDER". On the left side, there is a vertical stack of six white buttons with black text: "DASHBOARD", "VIEW PROFILE", "UPDATE PROFILE", "UPDATE PICTURE", "ADD PRODUCT", and "LOG OUT". To the right of these buttons is a white button labeled "UPDATE PROFILE". Below this button are five horizontal input fields, each with a white label box on the left and a dark blue input area on the right. The labels are "USERNAME", "NAME", "IC NUMBER", "ADDRESS", and "STATE".

Fourth page: Update Profile Page



Fifth page: Update Picture Page



The image shows a user interface for adding a product. On the left is a vertical sidebar with five menu items: DASHBOARD, VIEW PROFILE, UPDATE PROFILE, UPDATE PICTURE, and ADD PRODUCT. The main content area features a blue header bar labeled 'IMAGE SLIDER'. Below this is an 'ADD PRODUCT' button. The form consists of three input fields: 'PRODUCT NAME', 'PRODUCT PRICE', and 'PRODUCT PICTURE', each with a blue background. At the bottom of the form is an 'ADD' button.

DASHBOARD

VIEW PROFILE

UPDATE PROFILE

UPDATE PICTURE

ADD PRODUCT

IMAGE SLIDER

ADD PRODUCT

PRODUCT NAME

PRODUCT PRICE

PRODUCT PICTURE

ADD

Sixth page: Add Product Page