

C# FINAL ASSIGNMENT REPORT



**19.2
PLYMOUTH
BATCH
(GROUP A)**

YEAR 01

**SEMESTER
01**

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INTRODUCTION

HEADING

“BuySmart” - is an online shopping system, there are two types of Accessory categories it sells:

1) Mobile Phones

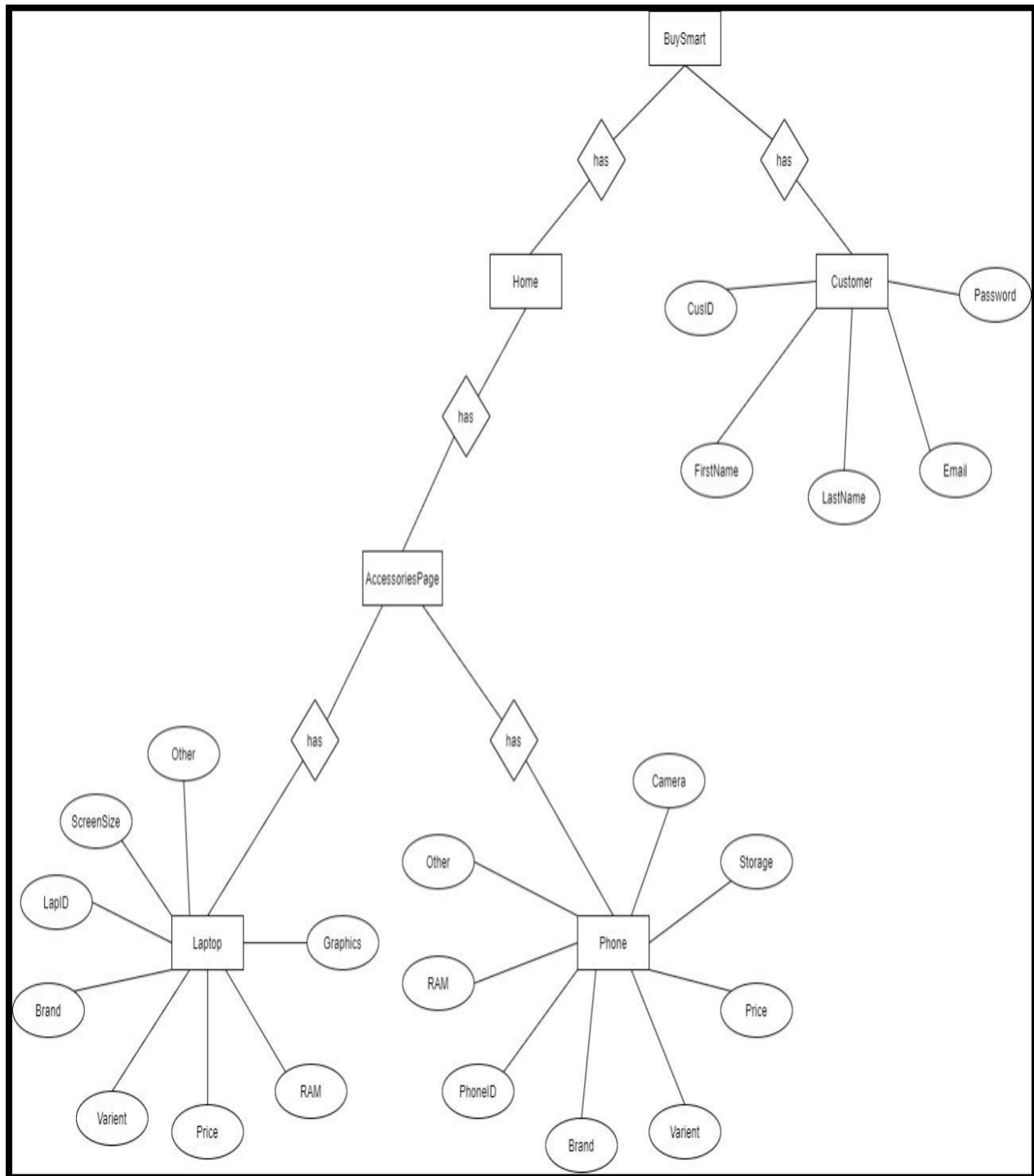
2) Laptops

- Each category sells 5 types of products each (5 Mobile Phones and 5 Laptops each) with different and affordable prices each.
- The user can sign-up a new account by entering her First Name, Last Name, Email Address and Password OR the user can Sign-In by entering Email Address and Password if he/she is an existing member.
- The user can select any category of his/her wish and select a quantity and select the add to cart button, then the product is automatically added to his/her cart.
- After that the user can go to the cart and check his/her ordered products the user.



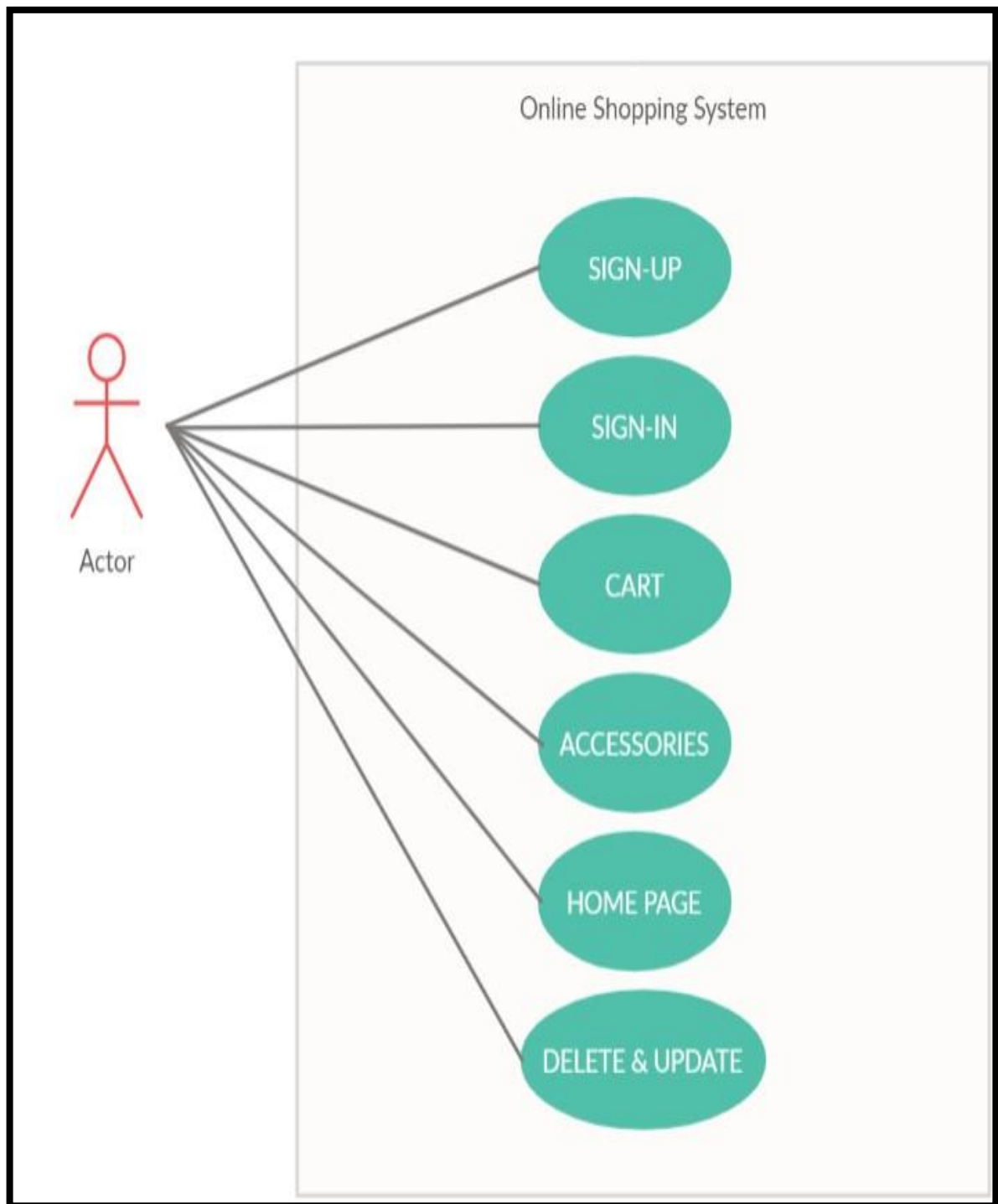
DIAGRAMS

–ER Diagram



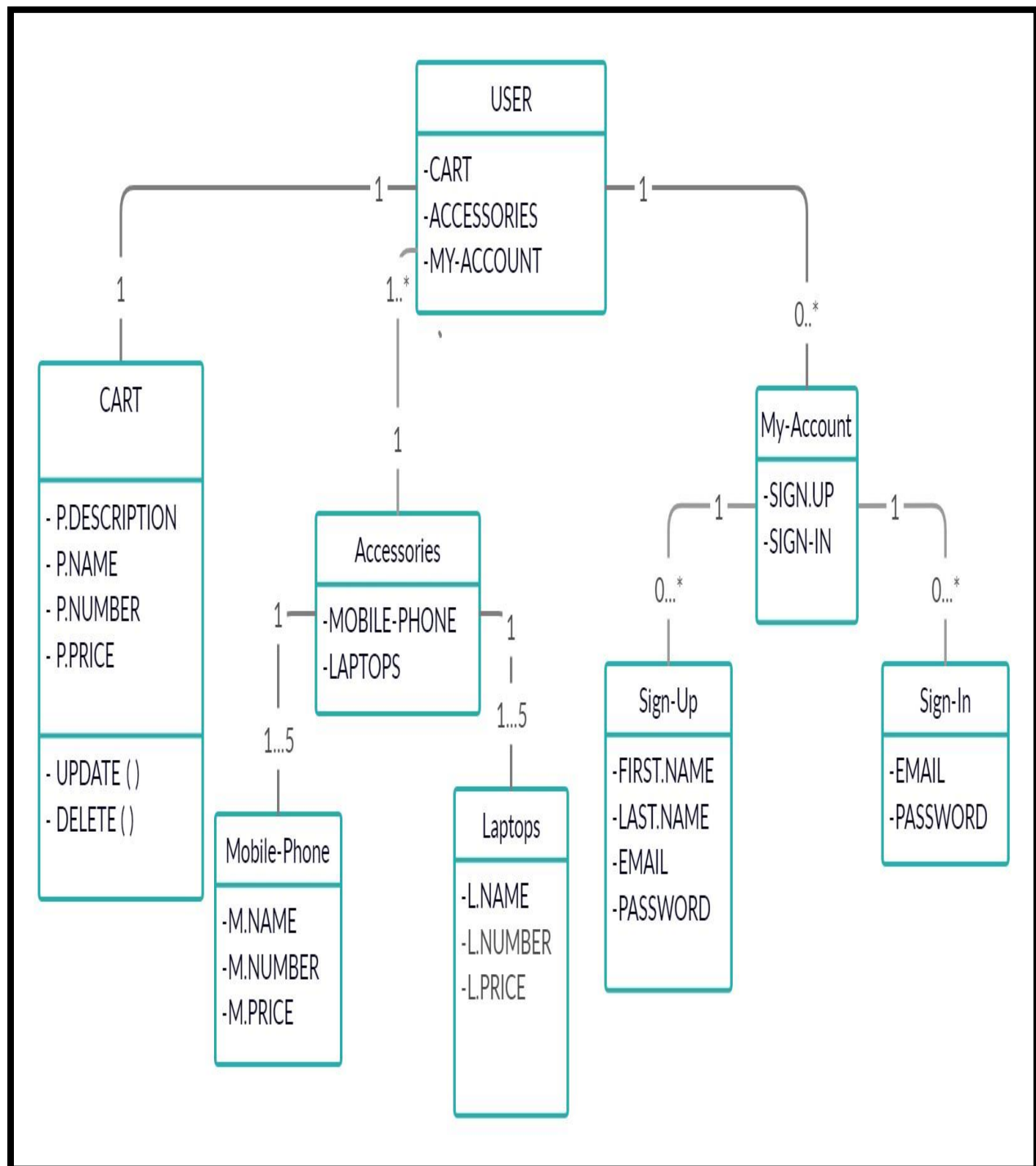
DIAGRAMS

–Use-Case Diagram



DIAGRAMS

–CLASS DIAGRAM





LOADING PAGE

- This is the loading page of "BuySmart" Online Shopping.
- Approximately 5 seconds to start-up application.

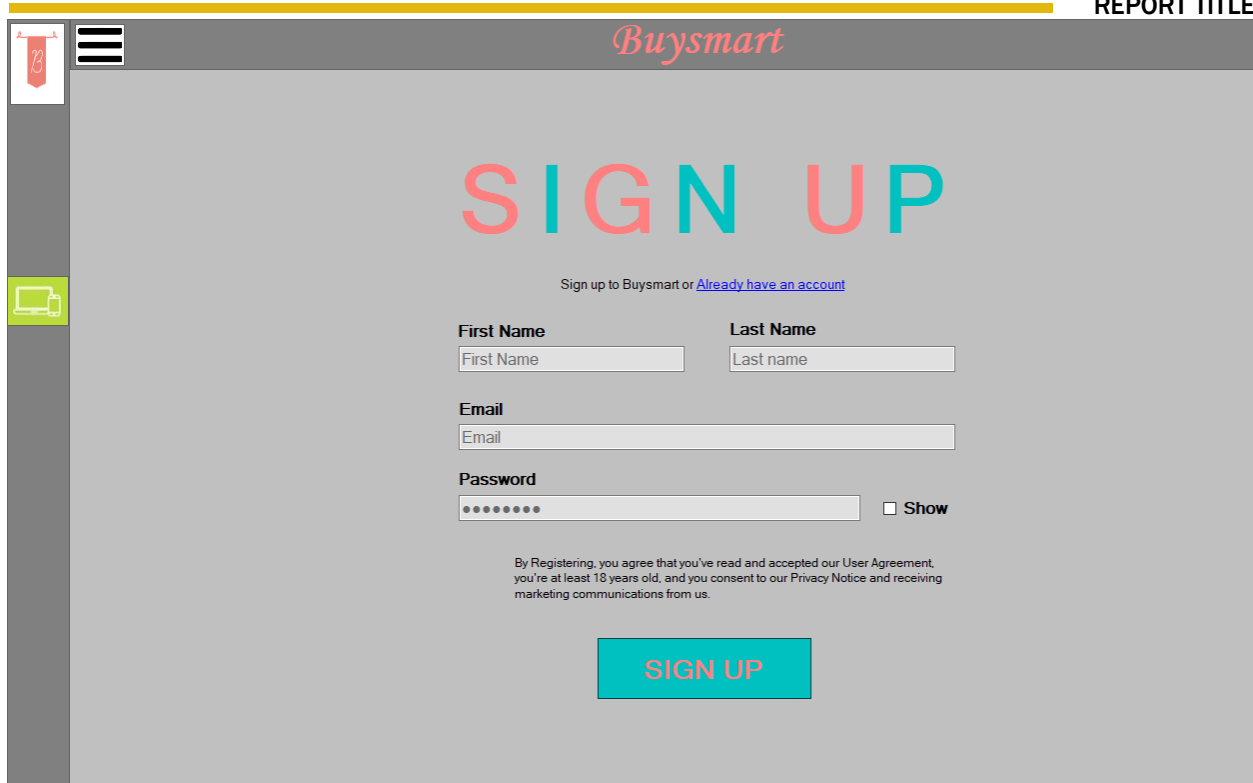




HOME PAGE

- This is the first page the user will be directed into as he/she opens the application.
- There is a slideshow showing the latest deals, offers and products available.
- Buttons includes:
 - Home button. (redirect to homepage)
 - My account button. (redirect to account login/signup/logout)
 - My cart button. (redirect to cart)
 - Maximize/Minimize & Close button
 - Accessories button. (redirect to accessories page)





Buysmart

SIGN UP

Sign up to Buysmart or [Already have an account](#)

First Name

Last Name

Email

Password
 ☐ Show

By Registering, you agree that you've read and accepted our User Agreement, you're at least 18 years old, and you consent to our Privacy Notice and receiving marketing communications from us.

SIGN UP

SIGN-UP PAGE

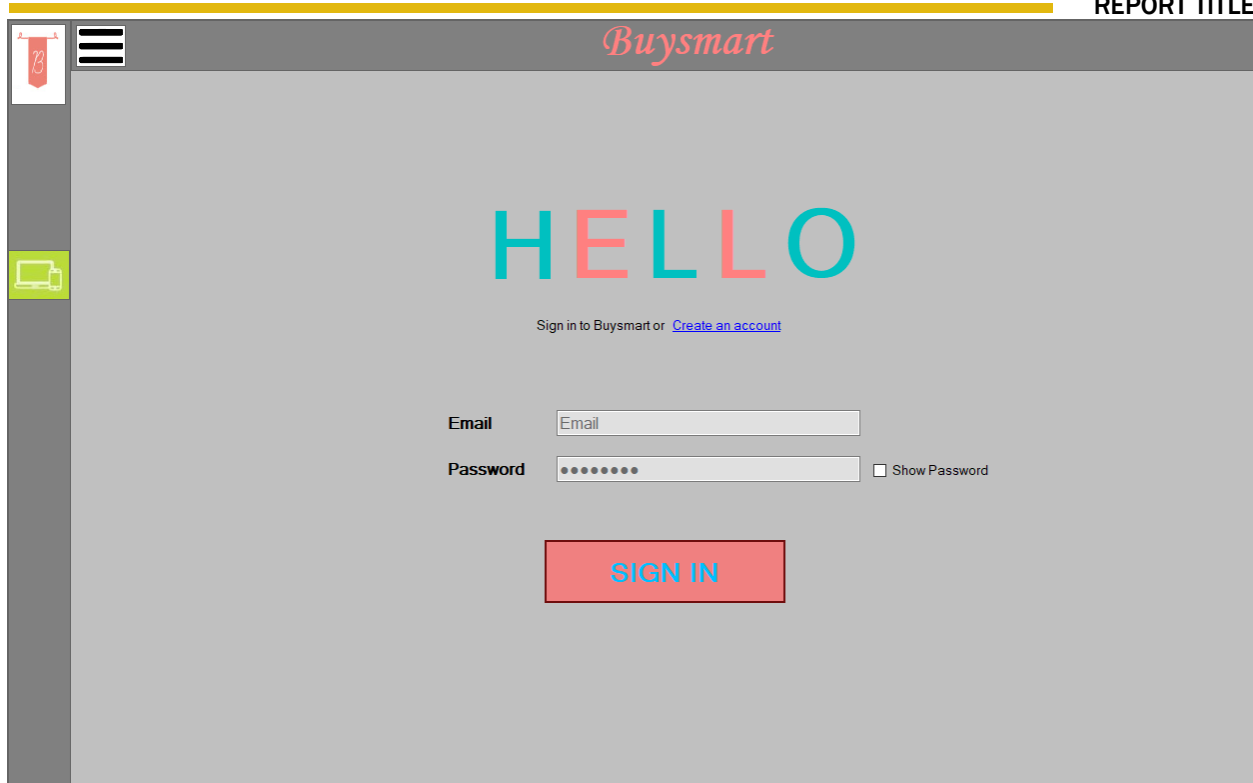
- When the user clicks the sign-up button or the create an account button, the user will be directed to this page.
- The user can enter his first name, last name, email and password.
- If the user already has an account, he/she can go for the already have an account link.

NOTE: - In order to make a purchase a user must have an account.

Buttons includes:

- Home button. (redirect to homepage)
- Maximize/Minimize & Close button
- Signup Button (will enter new data to database and make you an entity of the system).





The image shows a web page for 'Buysmart'. At the top, there is a yellow header bar with the text 'REPORT TITLE' on the right. Below this is a dark grey navigation bar with the 'Buysmart' logo in red script. On the left side of the navigation bar, there is a small red shield icon with a white 'B' and a hamburger menu icon. The main content area has a light grey background. In the center, the word 'HELLO' is displayed in large, colorful letters (H: teal, E: pink, L: teal, L: pink, O: teal). Below 'HELLO', there is a link that says 'Sign in to Buysmart or [Create an account](#)'. Further down, there are two input fields: 'Email' and 'Password'. The 'Email' field is a simple text box. The 'Password' field is a text box with dots for the password characters, and to its right is a checkbox labeled 'Show Password'. Below the input fields is a red rectangular button with the text 'SIGN IN' in blue capital letters.

SIGN-IN PAGE

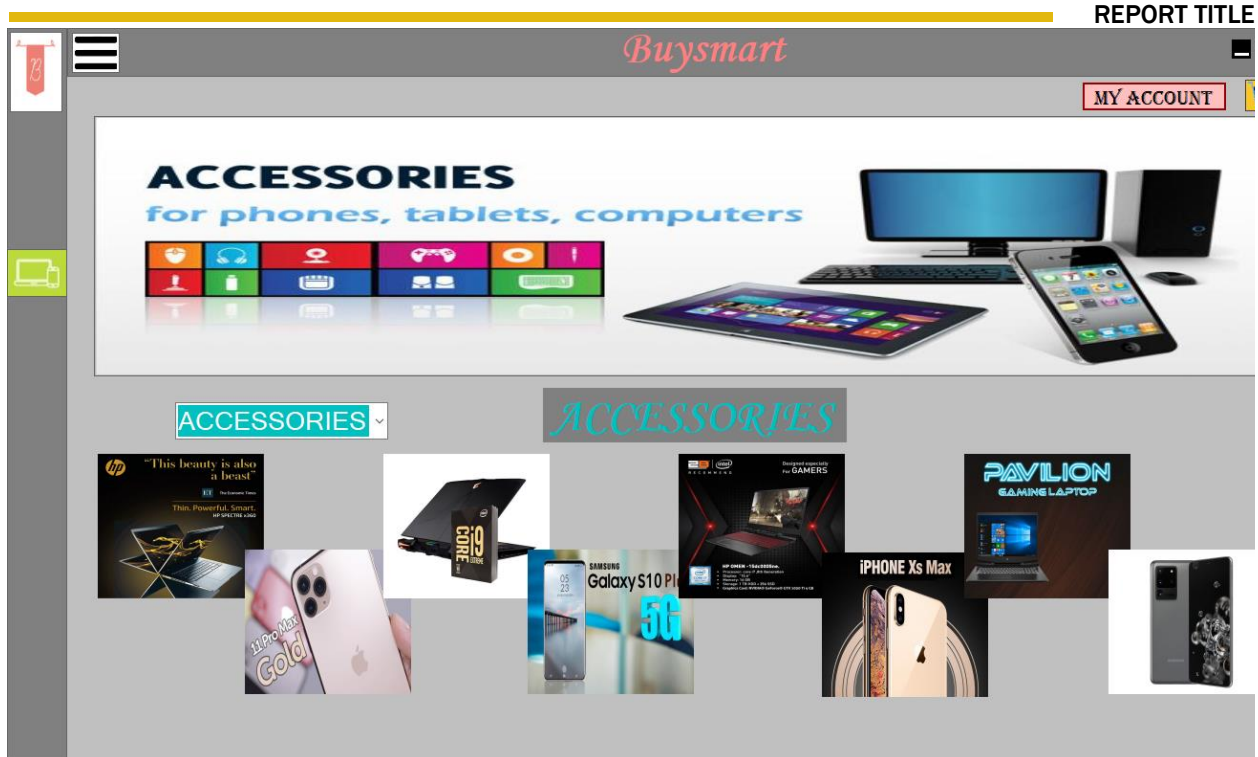
- When the user clicks the sign-in button or the already have an account button, the user will be directed to this page.
- The user can enter email and password.
- If the user doesn't have an account, he/she can go for the create an account link.

NOTE: - In order to make a purchase a user must have an account.

Buttons includes:

- Home button. (redirect to homepage)
- Maximize/Minimize & Close button
- Sign-In Button (will check the data with the database to check whether you are an existing entity of the system).

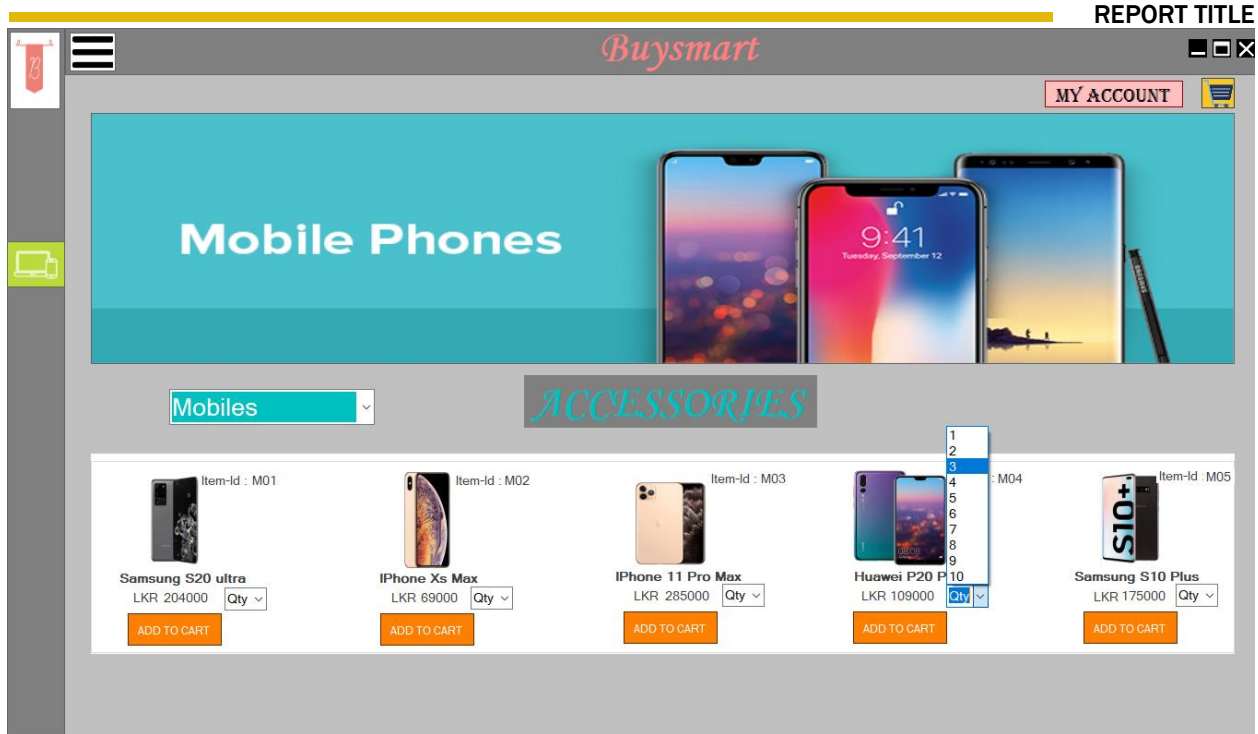




ACCESSORIES PAGE

- Once clicked on the accessories button this is the page the user will be directed into.
- There is a slideshow showing the latest deals, offers and products available.
- Buttons includes:
 - Home button. (redirect to homepage)
 - My account button. (redirect to account login/signup/logout)
 - My cart button. (redirect to cart)
 - Maximize/Minimize & Close button





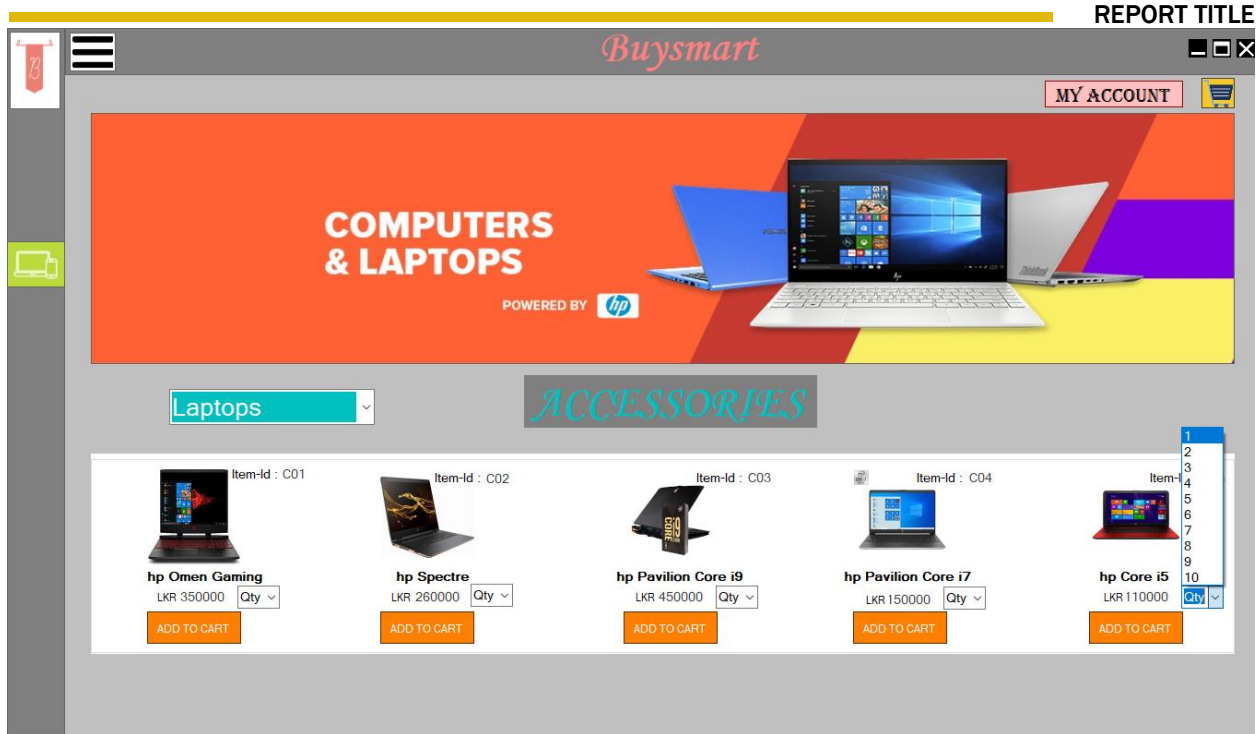
MOBILE PHONES PAGE

- Once selected Mobile Phones under the dropdown of Accessories, the user will be directed to the mobile page where there are 5 products, 3 brands and with prices for each product.
- In this case the user can select any products of his/her choice and then add the product to his/her cart with the selected quantity. -There is a slideshow showing the latest deals, offers and products available.

. Buttons includes:

- Home button. (redirect to homepage)
- My account button. (redirect to account login/signup/logout)
- My cart button. (redirect to cart)
- Maximize/Minimize & Close button
- Add to Cart button/Quantity Dropdown/Category Dropdown





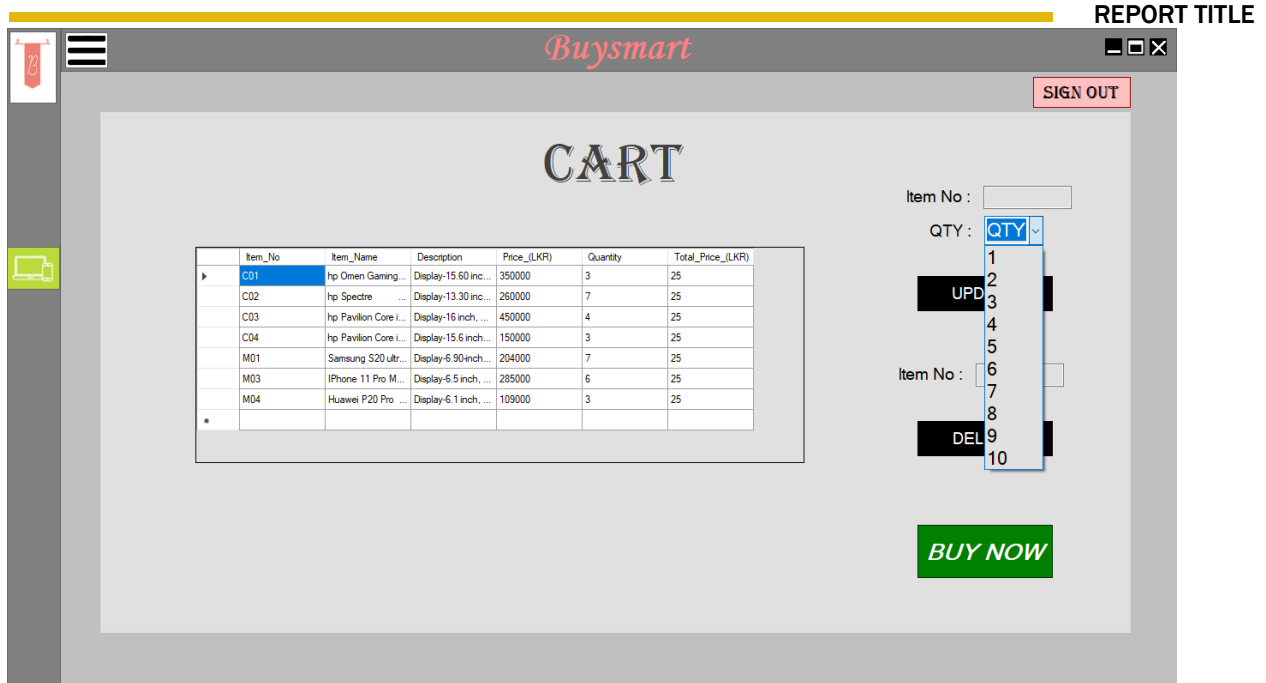
COMPUTERS & LAPTOPS PAGE

- Once selected Mobile Phones under the dropdown of Accessories, the user will be directed to the mobile page where there are 5 products, 3 brands and with prices for each product.
- In this case the user can select any products of his/her choice and then add the product to his/her cart with the selected quantity. -There is a slideshow showing the latest deals, offers and products available.

. Buttons includes:

- Home button. (redirect to homepage)
- My account button. (redirect to account login/signup/logout)
- My cart button. (redirect to cart)
- Maximize/Minimize & Close button
- Add to Cart button/Quantity Dropdown/Category Dropdown





CART

- Once the user click the cart button or the add to cart button, the user will be directed to this page.
- As the page shows the you ordered items in a Data Grid View and its details like item number, name, price and quantity.
- In this page the user has the ability to update quantity or even delete a cart object.
- The user can also purchase the list at once.

Buttons includes:

- Home button. (redirect to homepage)
- My account button. (redirect to account login/signup/logout)
- My cart button. (redirect to cart)
- Maximize/Minimize & Close button
- Item number box/ Quantity selection dropdown
- Update/Delete & BuyNow Buttons

NOTE: - In order to make a purchase a user must have an account.



Project Name	Description	Due Date	Status	Effort	Assignee	Assignee ID
C# Project	Design	21.08.2020	Completed	2 days	P R Galhena	10026117
C# Project	Sign-Up	21.08.2020	Completed	1 day	H S Kaushalya	18913
C# Project	Sign-In	21.08.2020	Completed	1 day	V P N Sulakshika	18578
C# Project	Home Page	21.08.2020	Completed	3 days	P D S Sigera	22000256
C# Project	Loading Page	21.08.2020	Completed	1 day	P R Galhena	10026117
C# Project	Accessories Page (Laptops and Mobiles)	21.08.2020	Completed	5/6 days	V P N Sulakshika	18578
C# Project	Cart Page	21.08.2020	Completed	5/6 days	G P D C M Jayasekara	10026303
C# Project	CRUD Operations	21.08.2020	Completed	4 days	All Contributed Equally	
C# Project	Plan	21.08.2020	Completed	2 days	G P D C M Jayasekara	10026303
C# Project	Design Resources Allocation(pictures)	21.08.2020	Completed	3 days	P R Galhena	10026117

WORKLOAD MATRIX | GROUP MEMBERS

- This is the loading page of "BuySmart" Online Shopping.
- Approximately 5 seconds to start-up application.



THANK YOU!

