Sri Lanka Institute of Information Technology

Assignment 1

MLB_05.1_8

Online Kids Accessory Shop

Internet and Web Technologies – IT1100

B.Sc. (Hons) in Information Technology

Group Details

Group Number: MLB_05.1_8

Project Title: Online Kids Accessory Shop

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4	IT19091662	Senarathna S.A.M.A.K.C.	charukawish97@gmail.com	071 986 7763
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1 Introduction

Online Kids Accessory shop is a web-based e-commerce website where all the necessities of children can be accomplished. Within this system, almost all necessary accessories for kids can be purchased and it has a simple, yet well-organized user-friendly and easy-to-use set of interfaces. Apart from the customers, this system provides interfaces to users such as product manager, business manager, delivery manager, and the system administrator to maintain a quality service and efficiently manage the workflow.

Moreover, consumer privacy has been considered as the most important task thus, sensitive data of the customers will be carefully handled and protected by the system and two-way authentication is integrated to avoid unauthorized access to the system. Customers are also allowed to send feedback to maintain a better service considering the user opinions as well.

Access permission for the different types of users is defined by the system administrators and some system functionalities might not be available or accessible by some users. The functions of the users mentioned above are described under each persona descriptively. Consumers can easily search for desired items or select items based on the ratings, manage their accounts and update profiles at any occasion whereas product manager's and delivery manager's user interfaces are more focused on displaying ongoing stock details, delivery status of purchased items and summarized reports which may support in better decision making to improve sales.

2 Personas

- 1st Persona - Purchase items.

Online Kids Accessory Shop – Customer	
	Name: Anna Shelocta
	Age: 28
	Motivation: Purchase Kids Accessories.
	Goals: Search kids items using filters.
	Technical Ability: Basic IT knowledge.

Image: https://www.pexels.com/

- 2nd Persona - Check balance sheet.

Online Kids Accessory Shop – Business Manager	
	Name: Devin Ferguson
	Age: 47
	Motivation: Get an idea of a shop's financial state.
	Goals: Check the summary of balance sheet.
	Technical Ability: Professional IT knowledge.

Image: https://www.pexels.com/

- 3rd Persona - Identify running low items.

Online Kids Accessory Shop – Product Manager	
	Name: Shelom Moken
	Age: 30
	Motivation: Make a list of items/products which are running low.
	Goals: Check the current stock details.
	Technical Ability: Professional IT knowledge on analyzing data and basic PC troubleshooting knowledge.

Image: https://www.pexels.com/

- 4th Persona - Modify user accounts.

Online Kids Accessory Shop – System Administrator	
	Name: Jenna Wesley
	Age: 33
	Motivation: Restrict access to system feature based on the type of the users.
	Goals: Modify user accounts.
	Technical Ability: Fluent in coding and understanding system tasks

Image: https://www.pexels.com/

- 5th Persona - Check customer feedbacks.

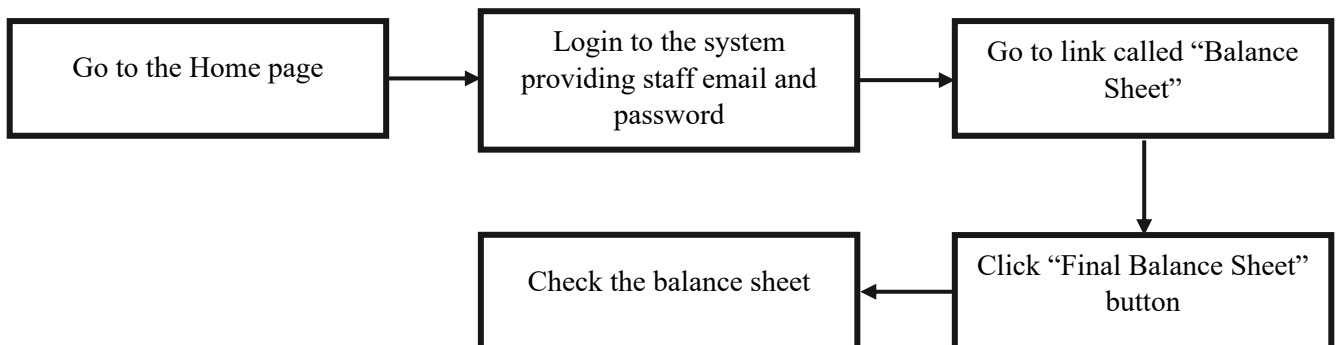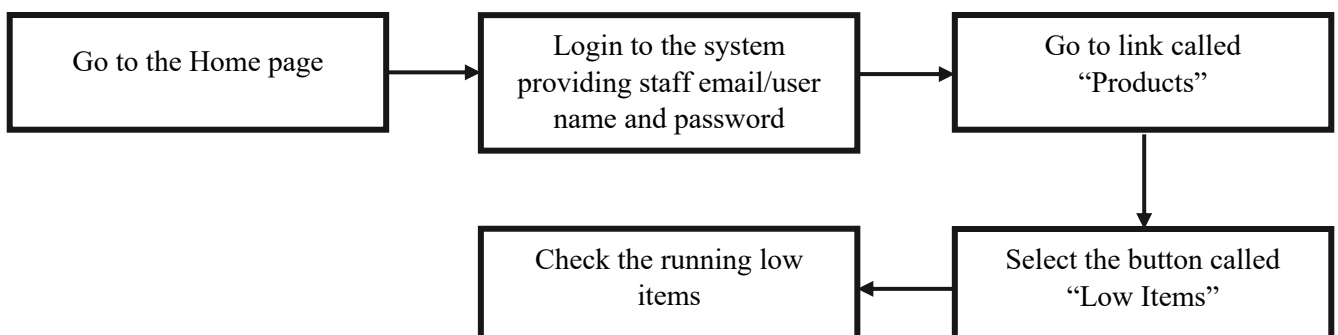| Online Kids Accessory Shop – Delivery Manager	
	Name: Jaden Blok
	Age: 35
	Motivation: Identify the drivers with low ratings.
	Goals: Check customer feedbacks.
	Technical Ability: Moderate PC troubleshooting and IT knowledge

Image: https://www.pexels.com/

3 User Journeys

- 1st Persona - Customer
- User Journey - Purchasing items.

Go to the Home page	→	Login to the System providing user name and password	→	Search items using filleters

Confirm purchasing	←	Add payment details or pay the bill	←	Add to the shopping cart
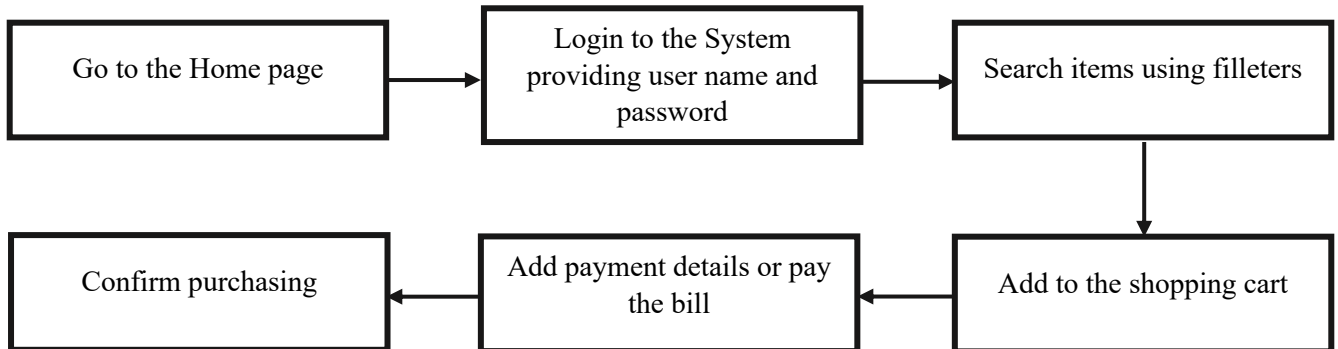
- 2nd Persona – Business Manager
- User Journey - Check the balance sheet.

Go to the Home page	→	Login to the system providing staff email and password	→	Go to link called "Balance Sheet"

Check the balance sheet	←	Click "Final Balance Sheet" button

- 3rd Persona – Product Manager
- User Journey - Identify running low items.

Go to the Home page	→	Login to the system providing staff email/user name and password	→	Go to link called "Products"

Check the running low items	←	Select the button called "Low Items"

- 4th Persona – System Administrator
- User Journey - Modify user accounts.

```
┌─────────────────────┐     ┌─────────────────────┐     ┌─────────────────────┐
│                     │     │  Login to the system│     │  Go to the link     │
│ Go to the Home page │ ──> │  providing admin    │ ──> │  called             │
│                     │     │  username/email and │     │  "Modification"     │
│                     │     │  password           │     │                     │
└─────────────────────┘     └─────────────────────┘     └─────────────────────┘
                                                                   │
                                                                   v
                            ┌─────────────────────┐     ┌─────────────────────┐
                            │  Change the access  │     │                     │
                            │  permission for the │ <── │  Select the type of │
                            │  selected user      │     │  the users          │
                            │  category           │     │                     │
                            └─────────────────────┘     └─────────────────────┘
```

- 5th Persona – Delivery Manager
- User Journey - Check customer feedbacks.

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┌─────────────────────┐     ┌─────────────────────┐     ┌─────────────────────┐
│                     │     │  Login to the system│     │  Go to the link     │
│ Go to the Home page │ ──> │  providing staff    │ ──> │  called             │
│                     │     │  email/user name    │     │  "Feedbacks"        │
│                     │     │  and password       │     │                     │
└─────────────────────┘     └─────────────────────┘     └─────────────────────┘
                                                                   │
                                                                   v
┌─────────────────────┐     ┌─────────────────────┐     ┌─────────────────────┐
│  Check the drivers  │     │  Sort the drivers by│     │  Go to "About       │
│  who are with low   │ <── │  descending order   │ <── │  Delivery System"   │
│  rating             │     │  of a overall rating│     │                     │
└─────────────────────┘     └─────────────────────┘     └─────────────────────┘
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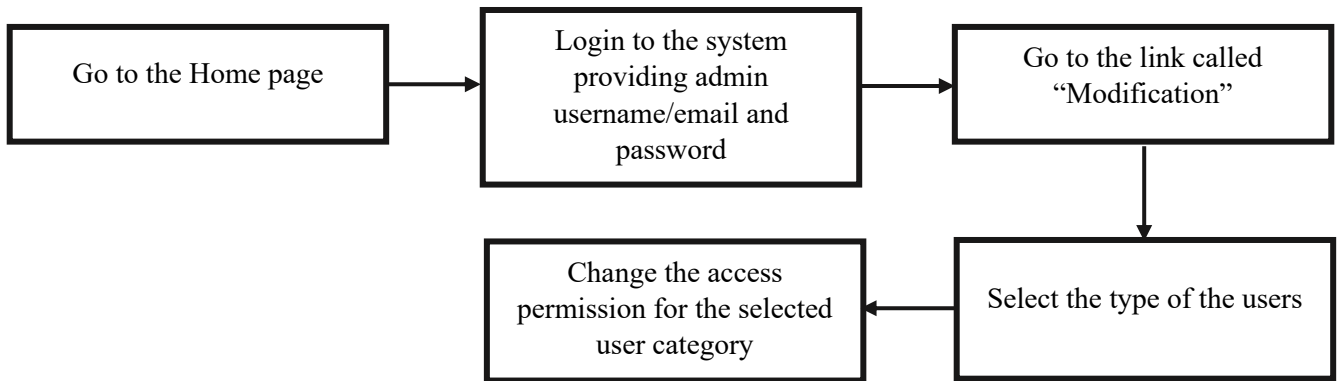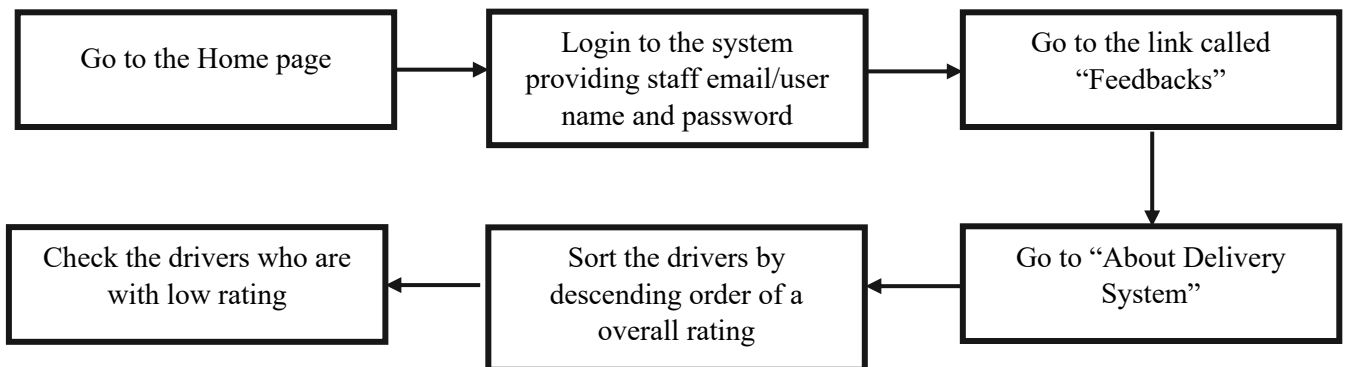
4 Wire Frames

- Home Page
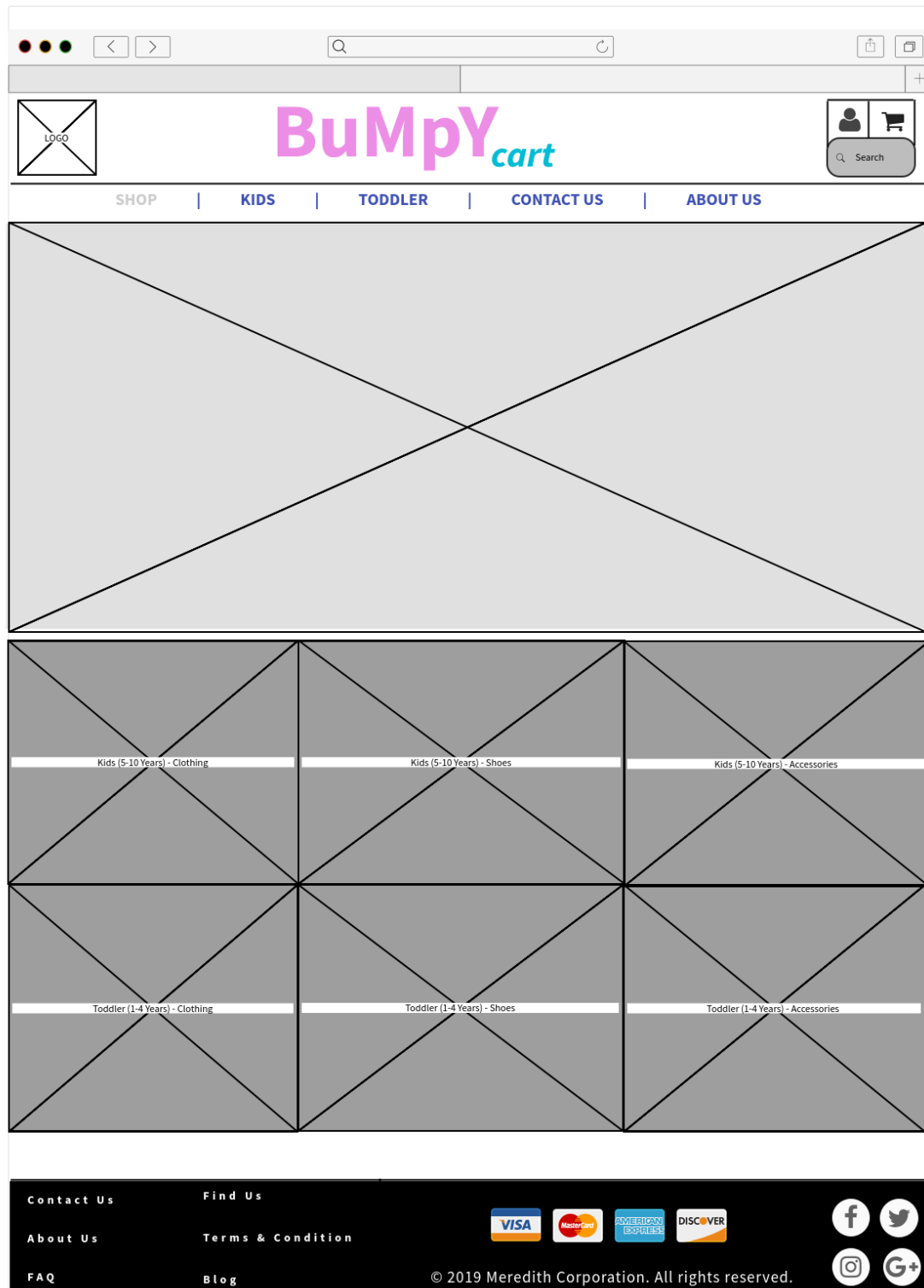
- Registration Page

BuMpY_cart_

Registration

User Details

First Name   : [   ]

Last Name   : [   ]

Email Address   : [   ]

Address

[Street Address   ]

[Street Address 2   ]

[City   ] [State / Province   ]

[Postal / Zip Code   ] [Select Country   ▼]

Telephone   : [Area Code] **-** [Phone Number]

Password :

[••••••]

Confirm Password :

[••••••]

cApTCha

☐ I'm not a robot   reCAPTCHA

[**Create account**]

- Login Page

BuMpY*cart*

log-in

E-mail Address

Password

Remember me

login

forgot your password?

Create an Account

G   Sign in with Google

f   Login in with Facebook

- Contact Us Page

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Contact Us

Shop   Find Us

About Us   Terms & Conditions

FAQ   Blog

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- User Account Page

BuMpYcart

Hey Customer Name,

Search

| MY HOME | | SHOP | | NEW ARRIVALS ● | | KIDS | | TODDLER | | SAVED |

Recently Searched Products

New

EVENTS   12 Jan 2017

‹   January 2017   ›

Mo	Tu	We	Th	Fr	Sa	Su
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	31				

Lorem
Dolor simet, constecg
View larger map

★ Save

Feedback

Cart

Contact Us   Find Us

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FAQ   Blog

VISA   MasterCard   AMERICAN EXPRESS   DISCOVER

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- Other (Shop Page)

- Other (Shopping Cart)

BuMpYcart

Hey Customer Name,

MY HOME | SHOP | NEW ARRIVALS ● | KIDS | TODDLER

gi

girl shoes

girl clothing

girl kids clothing

girls toddler clothing

Select a Payment Method

Your Saved Credit and Debit Cards

○ Visa   ending with 0934   Name on Card   03/08/17

CW :

CONTINUE

Another Payment Method

○ Credit Card

VISA MasterCard AMERICAN EXPRESS Diners Club

○ Debit Card

Choose a Bank ▼

○ Net Banking

Choose a Bank ▼

Submit

○ Cash on Delivery (COD)

Feedback

cart

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VISA MasterCard AMERICAN EXPRESS DISCOVER

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- Other (About Us)

About Us

History
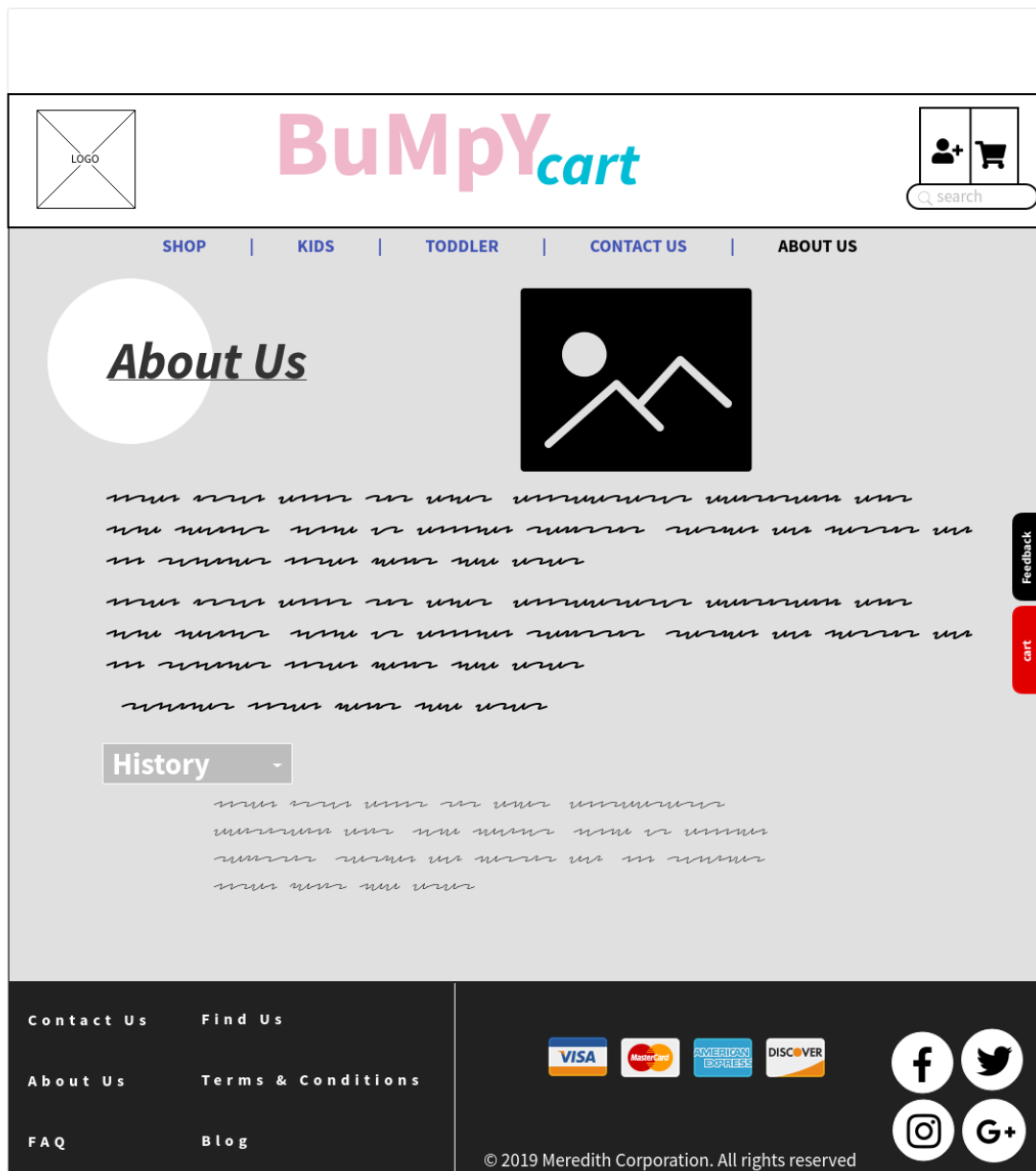
- Other (Admin Page)
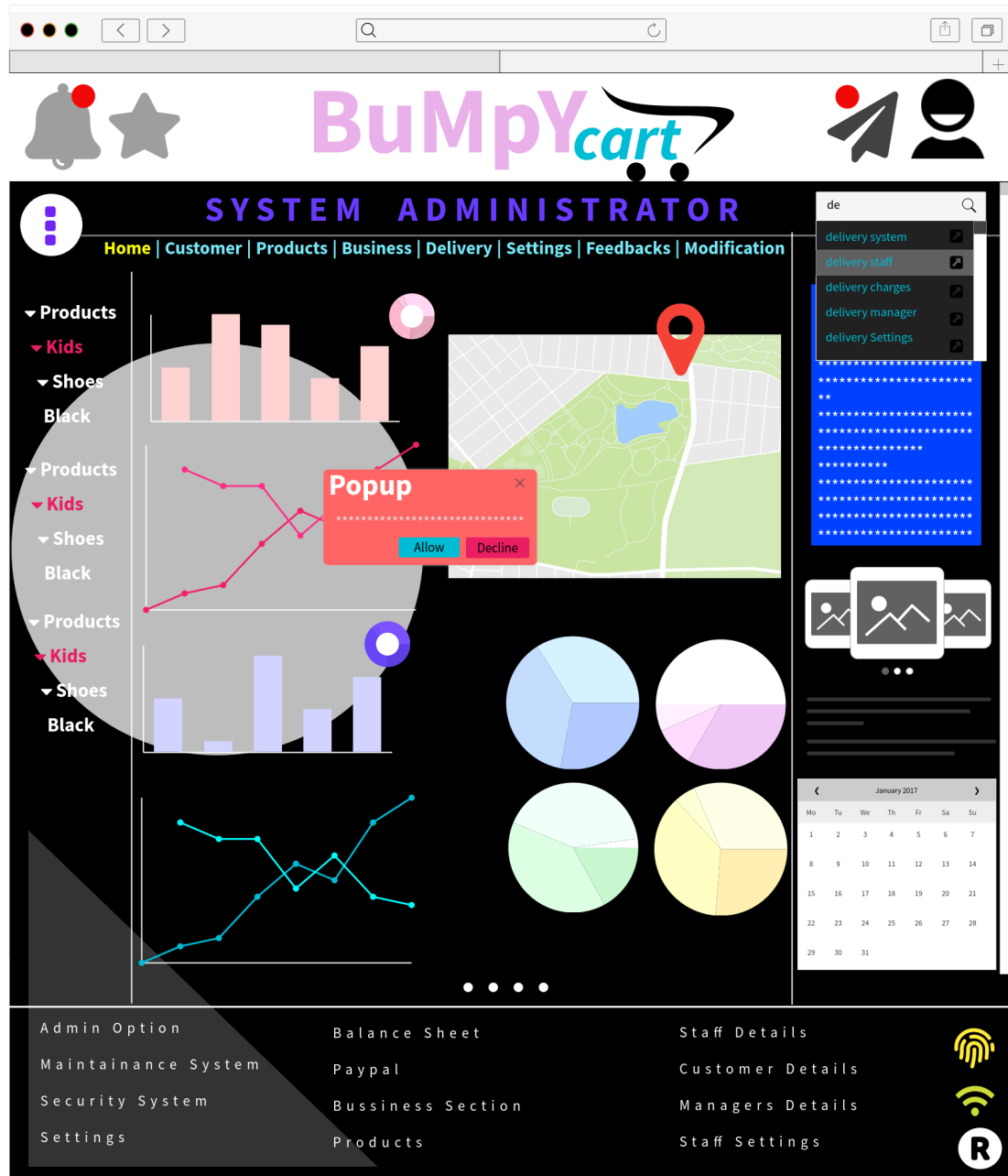
5 Individual Contribution

	Student ID	Student Name	Individual Contribution
1	IT19079264	Jayasith H.B.C.	• Persona: System Administrator • User Journey: Modify user accounts. • Wireframe: Login & Registration
2	IT19075754	Jayasinghe D.T.	• Persona: Delivery Manager • User Journey: Check customer feedbacks. • Wireframe: Home Page, Admin Page & User Account Page
3	IT19091358	Nethmi Hansika T.A.	• Persona: Business Manager • User Journey: Check balance sheet. • Wireframe: Shopping Cart Page & About Us Page
4	IT19091662	Senarathna S.A.M.A.K.C.	• Persona: Product Manager • User Journey: Identify running low items. • Wireframe: Kids Page
5	IT19091280	Piumal P.V.T.	• Persona: Customer • User Journey: Purchase items. • Wireframe: Contact Us Page