

# NELSON MANDELA

## UNIVERSITY

NELSON MANDELA UNIVERSITY

School of Information Technology

**Information Technology Practice (IITP102)**

**Bachelor of Information Technology (BIT)**

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### ***IITP102 Group Project Task 2: Requirements and Quick Design***

**Compiled by**

Lecturer	Student Name	Student Number	Date Submitted
Mr Timothy Speckman	Juanette Viljoen Sarah Jessiman Christian Rowe Stefan Hansen Luke Raaff	s224145312 s223084654 s224299727 s223116173 s224648810	4/10/2021

## PLAGIARISM DECLARATION

1. I know that plagiarism means taking and using the ideas, writings, works or inventions of another as if they were one's own. I know that plagiarism not only includes verbatim copying, but also the extensive use of another person's ideas without proper acknowledgement (which includes the proper use of quotation marks). I know that plagiarism covers this sort of use of material found in textual sources and from the Internet.

2. I acknowledge and understand that plagiarism is wrong.

3. I understand that my research must be accurately referenced. I have followed the rules and conventions concerning referencing, citation and the use of quotations as set out in the Departmental Guide.

4. This assignment is my own work, or my group's own unique group assignment. I acknowledge that copying someone else's assignment, or part of it, is wrong, and that submitting identical work to others constitutes a form of plagiarism.

5. I have not allowed, nor will I in the future allow anyone to copy my work with the intention of passing it off as their own work.

Name: Sarah Jessiman

Student #.223084654

Signed:



Date: 2/10/20

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## Functional and Non-functional Requirements

### Functional:

#### Homepage:

- Profile Button / Log-in Button
- Categories Dropdown Menu
- Banner (Click to view next)
- Scroll Wheel
- Item search field
- Dropdown menu (Includes: Help Button, Wishlist, Company Information)

#### Log-in Pop-up:

- Close Pop-up/Cancel button
- Conformation/Log-in Button
- Text Field for username/email
- Text field for password
- Link to register page

#### Register Pop-up:

- Close Pop-up/Cancel button
- Conformation/Register Button
- Text Field for username/email
- Text Field for username/email confirmation
- Text field for password
- Text field for password confirmation

#### Shop:

- Categories dropdown list
- Profile Button/ Log-in Button
- Item search field
- Dropdown menu (Includes: Profile settings, Help Button, Wishlist, Company Information)
- Item Link (Each Individual Item)

- Item Banner (Top of Shop)

**Checkout:**

- Remove from cart button
- Total amount calculation
- Quantity change field
- Checkout Button
- Shipping option
- Wishlist Link
- Help button
- Shipping Options Dropdown Menu
- Back button (Continue shopping)
- Item search field
- Dropdown menu (Includes: Company Information)
- Profile Button/ Log-in Button

**Help Page:**

- Help section Search bar
- Dropdown menu (Includes: Shopping Cart, Wishlist, Company Information)
- Profile Button / Log-in Button
- Categories dropdown list
- Frequently accessed queries link (Checkout Help, Payment Help etc.)
- Did Page Solve query button (Yes & No)

**Product Page:**

- Add to cart button
- Quantity amount field
- Help button
- Back button (Continue shopping/Return to categories)
- Item search field
- Dropdown menu (Includes: Profile settings, Help Button, Wishlist, Company Information)
- Profile button/ Log-in Button

## Non-Functional:

### General:

- Buttons Darker upon hover on click
- Dropdown Menus darken over which one is selected
- Tooltips displayed over any hovered over menu

### Homepage:

- Fluent Banner Animation

### Log-in Pop-up:

- Password entered is censored unless eye icon is clicked

### Register Pop-up:

- Password entered is censored unless eye icon is clicked

### Shop:

- Will display items suited to customer
- If the banner is clicked, will take customer to item displayed
- If the picture is clicked, will act as a hyperlink

### Checkout:

- Progress Bar of order

### Help Page:

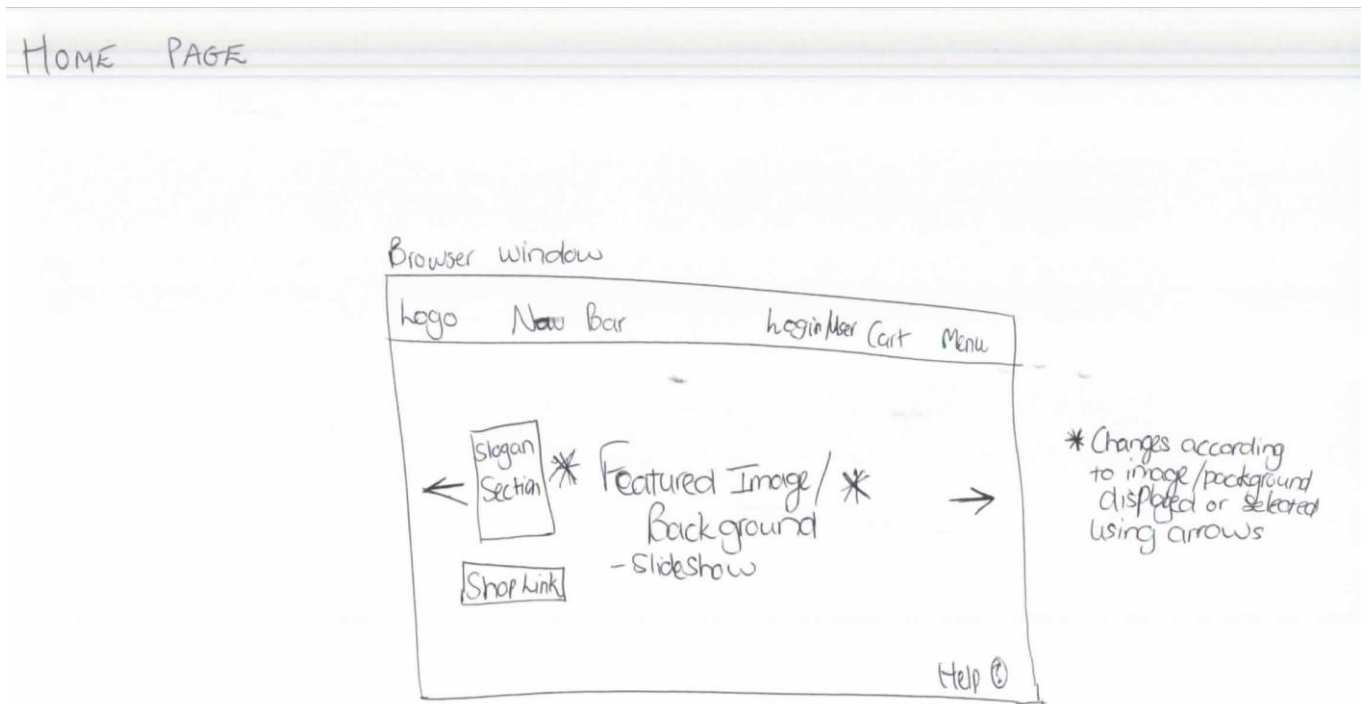
- Details on the query displayed with appropriate links

### Product Page:

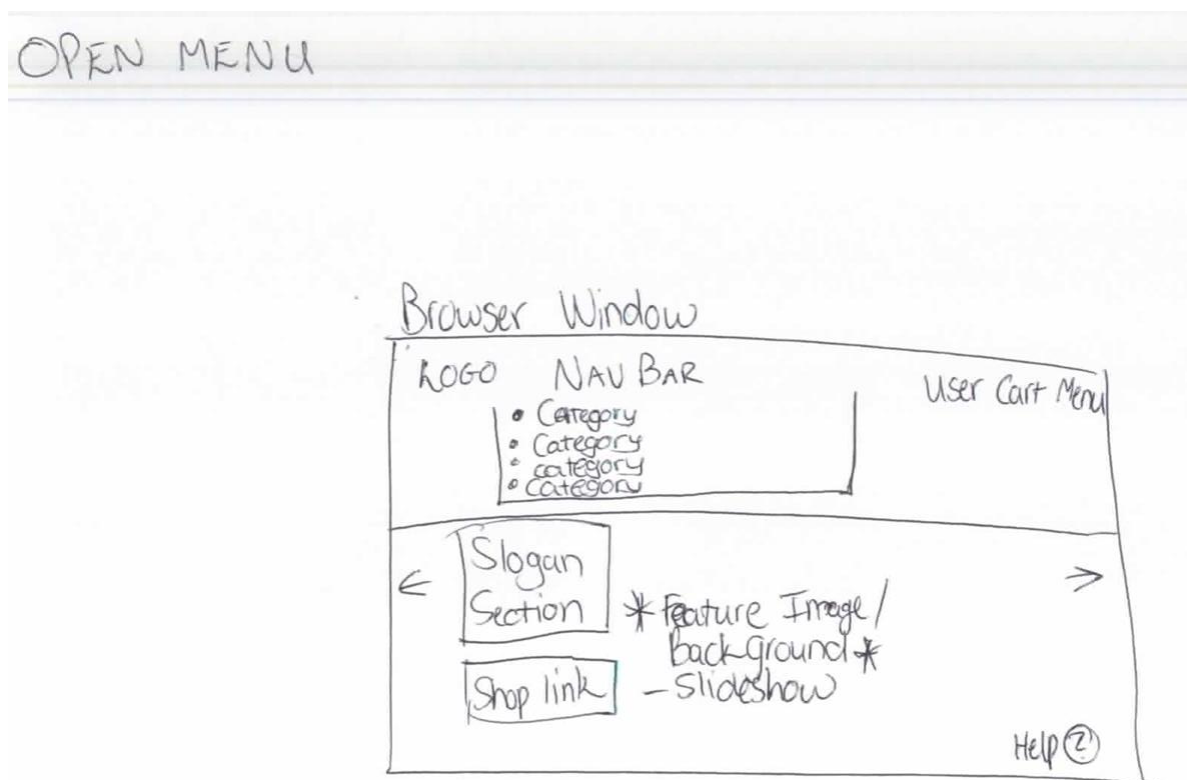
- Details of item displayed (Price, Origin, Material, Sizes available)

## Low Fidelity Prototypes

### 1. Home Page



### 2. Open Menu



### 3. Login Page

#### LOGIN PAGE

\* Must be an overlay to whatever is displayed and blur background

##### login (if existing user)

A hand-drawn login form titled "login (if existing user)". It contains a title "login", a "Username" label with a text input field, a "Password" label with a text input field, a "Reset Password" link, a "LOGIN" button, and a link at the bottom that says "\* Create new account \*".

##### Register (Create new account)

A hand-drawn registration form titled "Register (Create new account)". It contains a title "Create account", a "Username/Name" label with a text input field, an "Email address" label with a text input field, a "Password" label with a text input field, a "Confirm Password" label with a text input field, a "SIGN UP" button, and a link at the bottom that says "\* Link to login page \*".

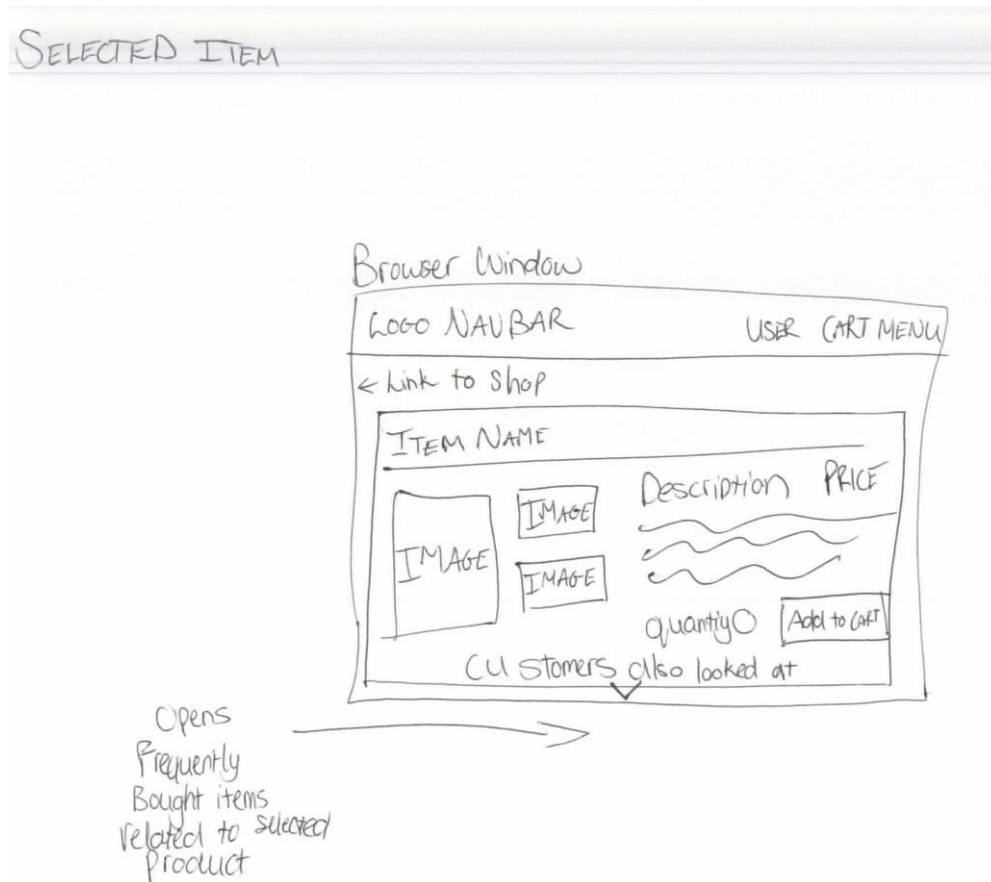
### 4. Shop

#### SHOP

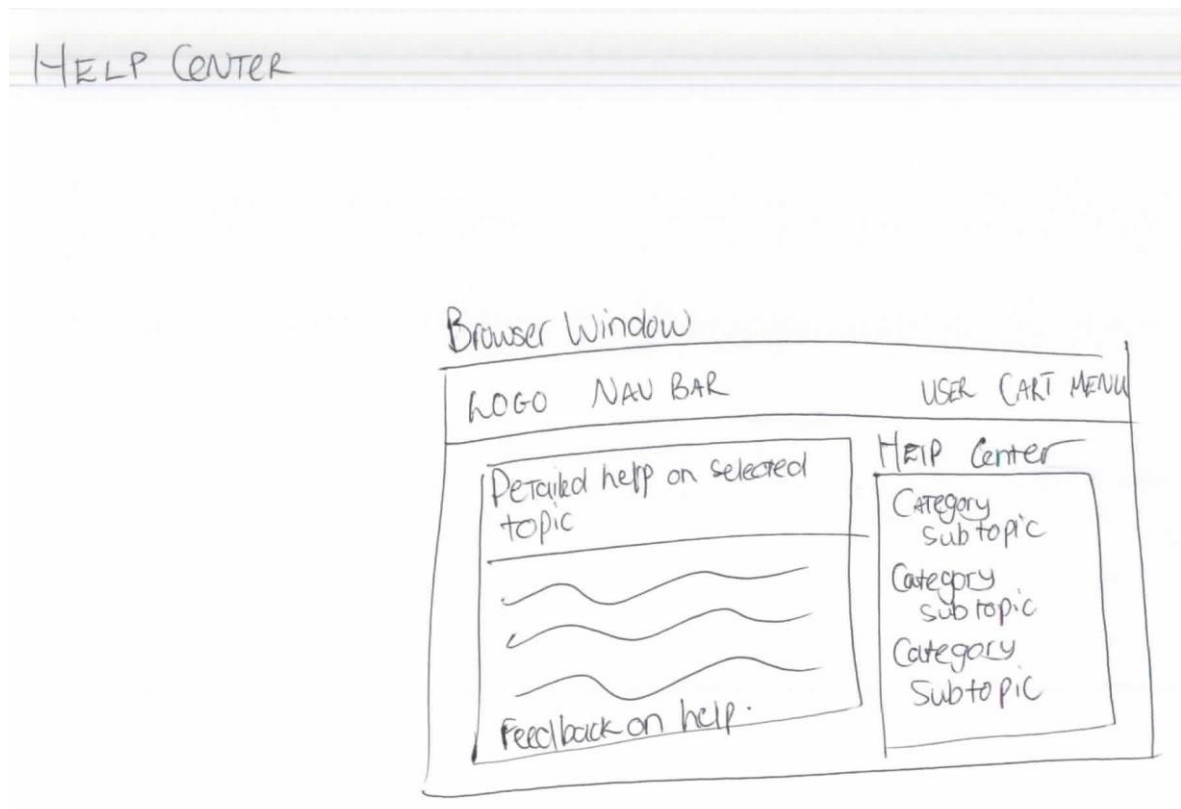
A hand-drawn diagram of a shop layout. At the top is a header bar containing "LOGO", "NAV BAR", and "USER CART MENU". Below the header is a section labeled "\* Featured item slideshow \*". Underneath is a "CATEGORY" section containing three product cards. Each card has a box labeled "IMAGE" and a box below it labeled "NAME PRICE".



## 5. Selected Item



## 6. Help Page



## 7. Checkout Page

