# Assignment 1

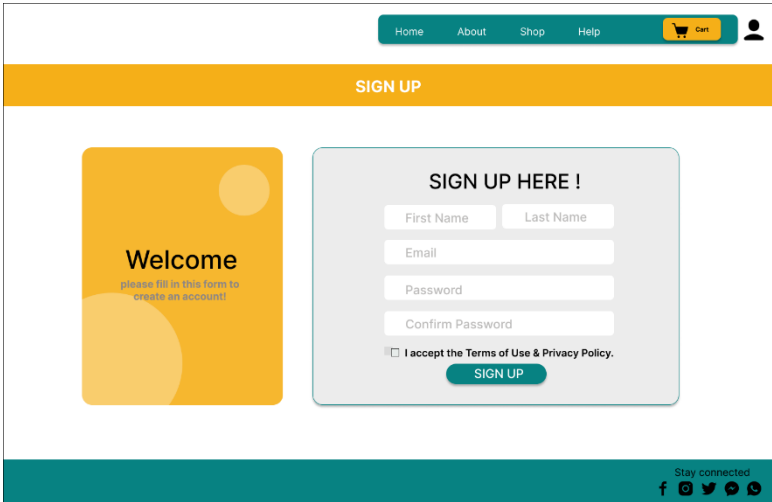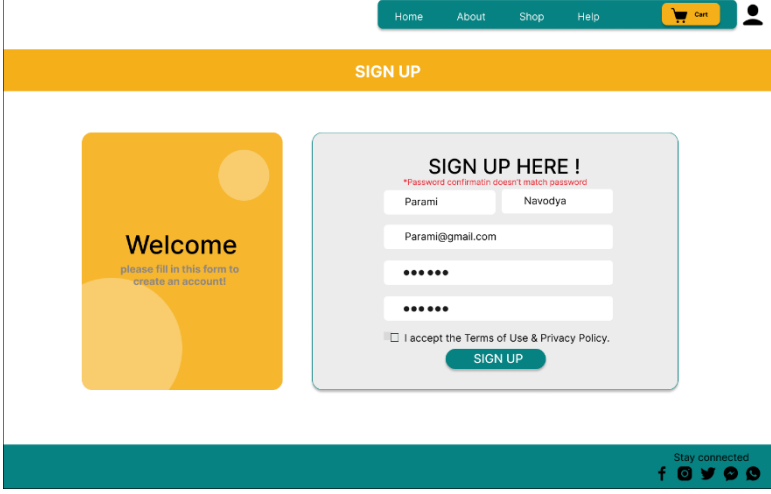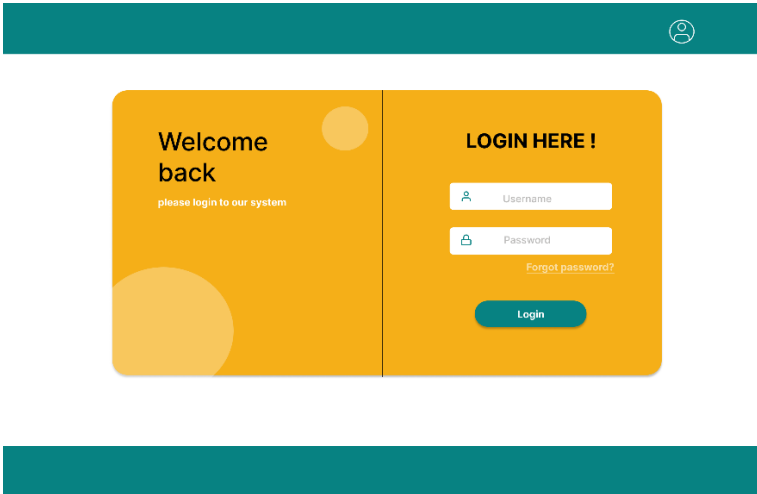**SE3080 – SPM**                                                                 **Semester 2**

| Group No: | SEJ009 |
|---|---|
| **Brief description of the project** | With the current situation in Sri Lanka and the busy lives of many people, it is very easy to get the required items in one place as a one-stop-shop and make online transactions. With that in mind, we decided to create this e-commerce solution. Anyone can easily get the cell phones, smart watches and accessories , cameras , head phones, tablets, drones etc. they need at any time from the one-stop shop and make the payment online or cash on delivery. |

| INDIVIDUAL DETAILS OF GROUP MEMBERS | |
|---|---|
| **Registration No** | IT20631260 |
| **Student Name** | Jayathilaka S.A.D.R.P |

| **Function(s)**<br><br>**Note**: Include the functions required to complete for both **sprint 1** & **sprint 2** | **Sprint 1**<br><br>• Signup Page<br>• Sign In Page<br>• Customer Profile<br>• Edit Customer Profile<br><br>**Sprint 2**<br><br>• Payment Page<br>• Add to cart<br>• Delete Customer Profile<br>• Customer Admin Report |
|---|---|

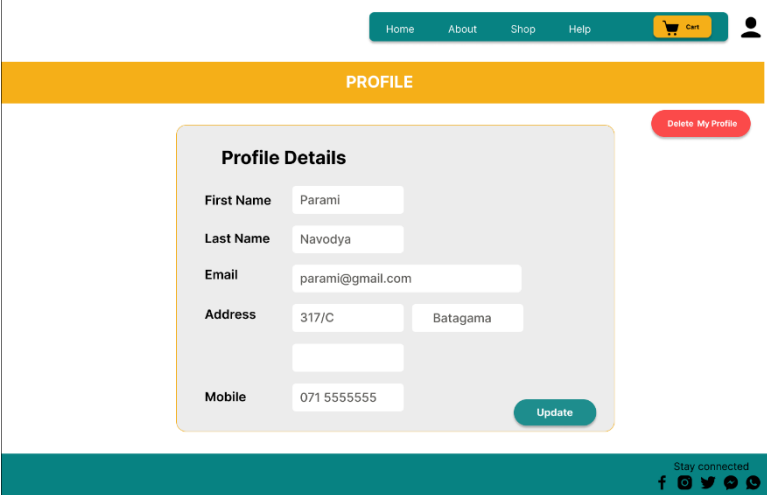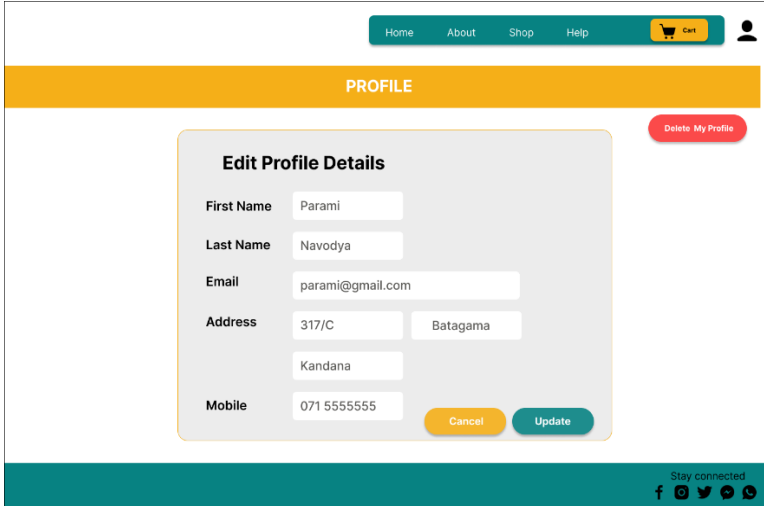| | **Picture of interface 1** | **Brief description of interface 1** |
|---|---|---|
| **Sprint 1** |  | **Purpose**: The purpose of the interface is to register to the system as a customer.<br><br>**Flow**: initially the customer will arrive at the page for the first time and he will provide the necessary details and put the tic and click the sigh up button. If the customer's PW and the confirm PW isn't match, then there will be an error message as displayed below. |

**Good practices**:
- Simplistic design that force the user's attention directly to the function.
- Title which gives the users an idea about the functionality of the interface.
- Placeholders which provides the user an idea about respective input fields.

| Picture of interface 2 | Brief description of interface 2 |
|---|---|



**Purpose**: The purpose of the interface is to login to the system as a customer.

**Flow**: Initially the user will arrive at the page and provide the necessary details, the email as the UN and PW. Then click the login button and login to the system.

**Good practices**:
- Simplistic design that force the user's attention directly to the function.
- Title which gives the users an idea about the functionality of the interface.
- Placeholders which provides the user an idea about respective input fields.
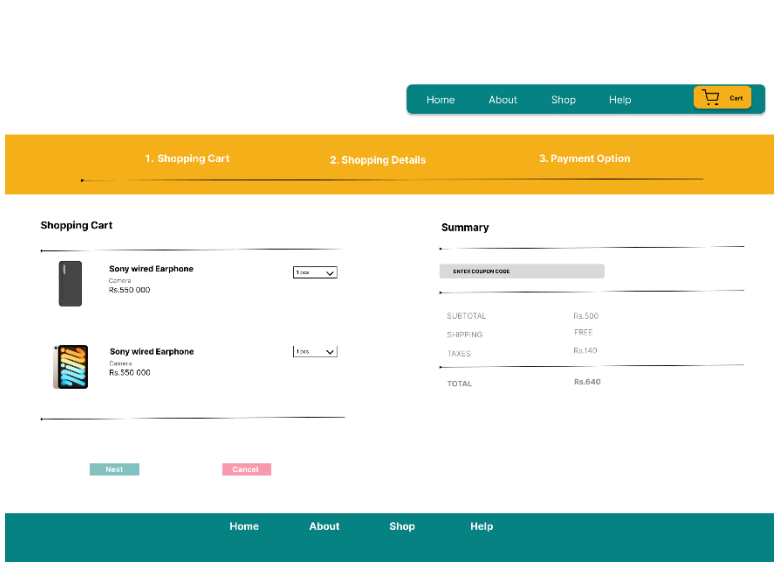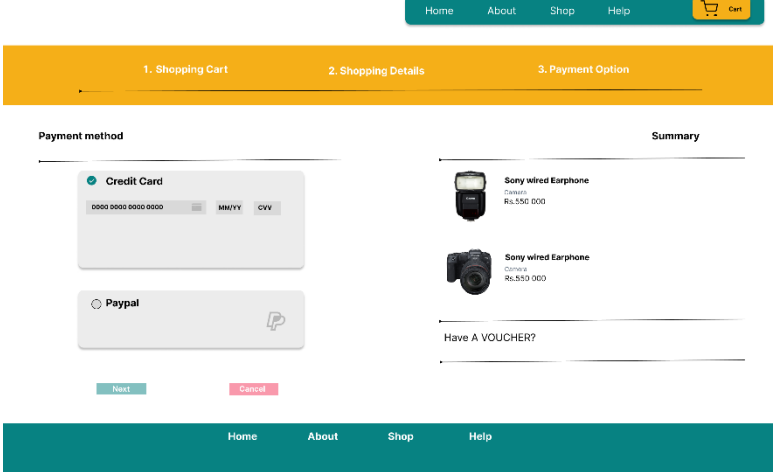
**Assignment 1**

| Picture of interface 3 | Brief description of interface 3 |
|---|---|
|  | **Purpose**: The purpose of this interface is to provide the profile details to the customer.<br><br>**Flow**: When the user login in to the system, he or she will see an icon of person in the top right corner. Once the customer click that icon he will redirected to the profile page.<br><br>**Good practices**:<br>• Simplistic and uniform interface. |
| **Picture of interface 4** | **Brief description of interface 4** |

| | |
|---|---|
|  | **Purpose**: Purpose of this interface is to provide users the ability to edit the existing user details.<br><br>**Flow**: When the user arrive to the profile page, user will see a green button in the bottom called update. Once you click that button the user will redirected to the edit profile page. In there if you need to edit the data the user just simply need to insert the new data and click the update button. But if you don't not need to update you can click the cancel button.<br><br>**Good practices**:<br>• Simplistic design that force the user's attention directly to the function.<br>• Title to the page saying what is supposed to do.<br>• Very simple and easy way for the function that |

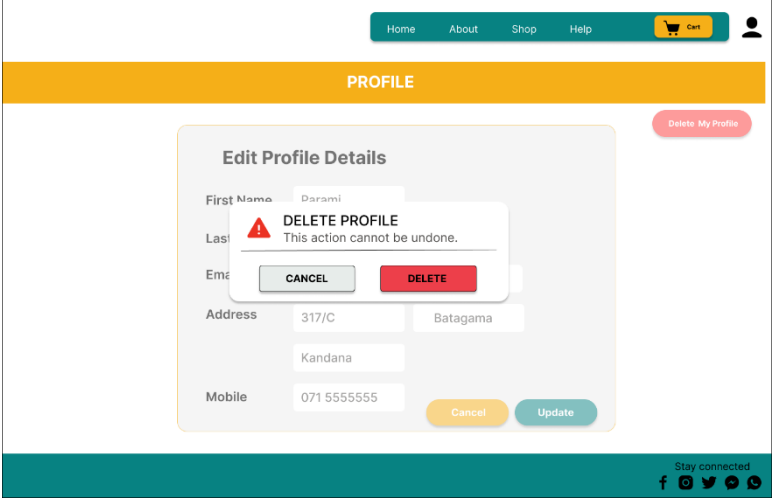| | **Picture of the interface_5** | **Brief description of interface_5** |
|---|---|---|
| **Sprint 2** |  | **Purpose**: This interface has the purpose of providing the visual of the products that the user going to buy.<br><br>**Flow**: When you go to the product page choose the product that you like to buy and click the button "Add to Cart". Once you did that the product will added to the cart.<br><br>**Good practices**:<br><br>• Simplistic and uniform interface.<br>• Easy to understand the details such as the quantity, and total price. |
| | **Picture of the interface_6** | **Brief description of interface_6** |
| |  | **Purpose**: The purpose of this page is to provide the space to input the payment details.<br><br>**Flow**: Once you finished selecting products user can click the next button. Then the user will redirected to this page. After that the user can provide the credit card details and pay the bill.<br><br>**Good practices**:<br>• Simplistic and uniform interface.<br>• Easy to understand the details such as the quantity, and total price. |

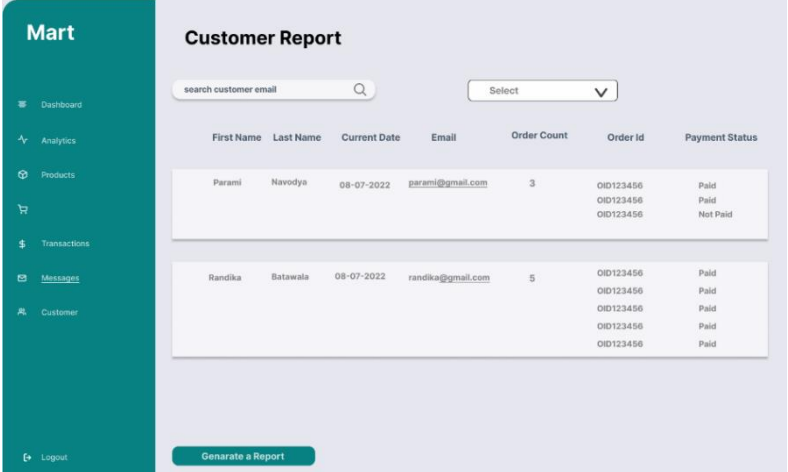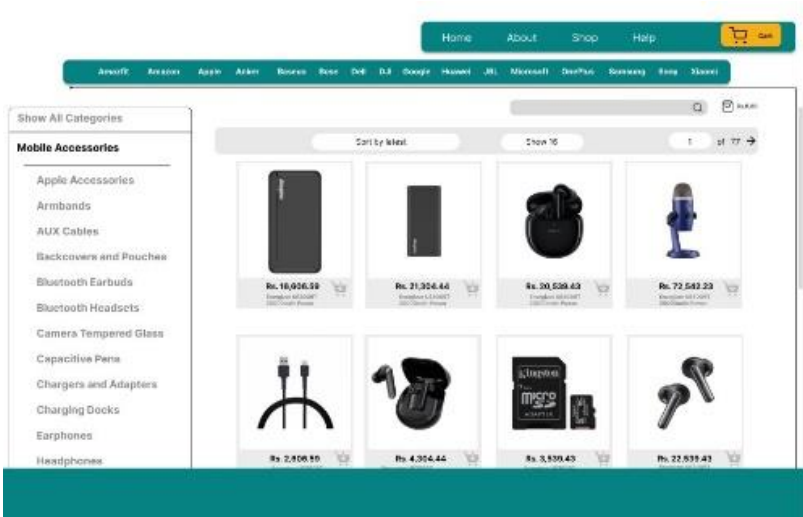| Picture of the interface_7 | Brief description of interface_7 |
|---|---|
|  | **Purpose**: Purpose of this interface is to delete the customer profile.<br><br>**Flow**: Once the customer goes to the profile page there will be a red button in right corner. If the customer click that button then there will be a pop up window asking the permission to delete the account. The customer can select weather to delete or not.<br><br>**Good practices**:<br>• Simplistic design that force the user's attention directly to the function.<br>• Title to the page saying what is supposed to do.<br>• Very simple and easy way for the function that anyone can do.<br>• There will be a popup window to prevent a user accidently delete his account. |

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Year 3**

**Assignment 1**

**SE3080 – SPM**                                                                              **Semester 2**

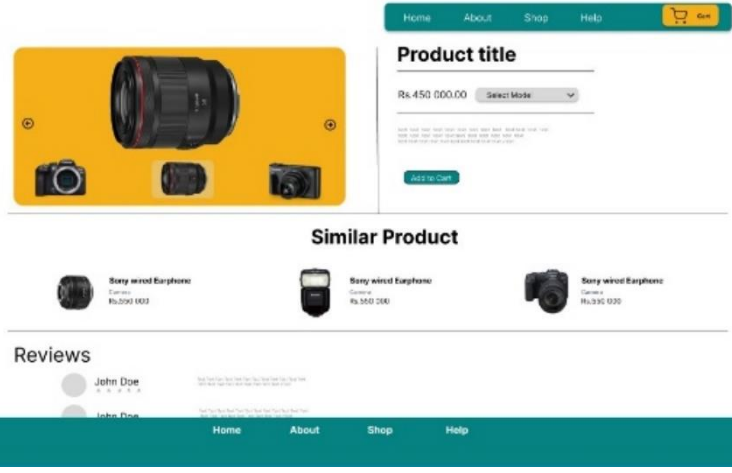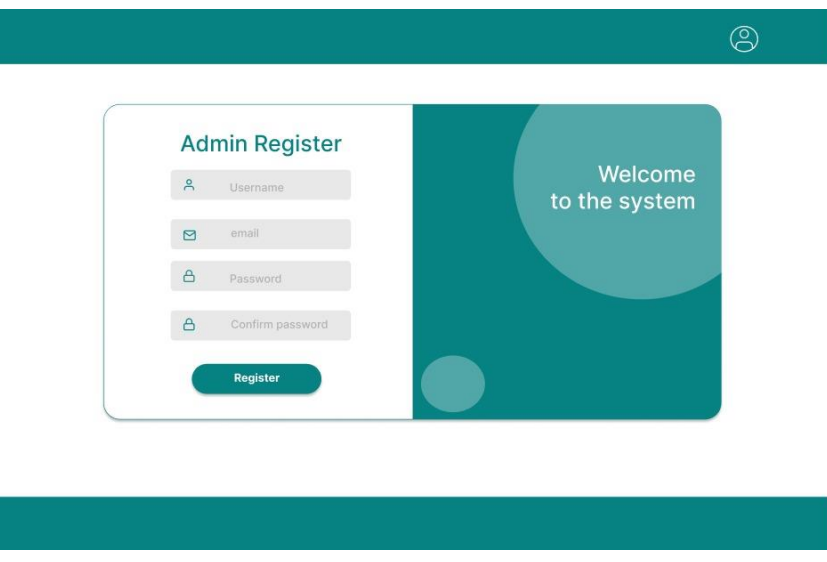| Picture of the interface_8 | | Brief description of interface_8 |
|---|---|---|
|  | | **Purpose**: This is an admin side interface that shows the customer and their orders and the order status.<br><br>**Flow**: Once the admin login to the system, under the customer and payment management he can find this interface. As default it gives all the customers data. Using the search bar admin can search using emails or some filters. Also the admin can get a report of the data using "generate a report" button.<br><br>**Good practices**:<br>• Simplistic design that force the user's attention directly to the function.<br>• Title to the page saying what is supposed to do.<br>• Very simple and easy way for the function that anyone can do. |

# Assignment 1

**SE3080 – SPM**                                                      **Semester 2**

| Registration No | IT20605902 |
|---|---|
| Student Name | Samarasinghe S.D |
| **Function(s)**<br><br>**Note**: Include the functions required to complete for both **sprint 1** & **sprint 2** | **Sprint 1**<br><br>• All Products View<br>• Product View<br>• Admin Registration<br><br><br>**Sprint 2**<br><br>• Add product<br>• Edit Product<br>• View Product to admin<br>• Product Report |

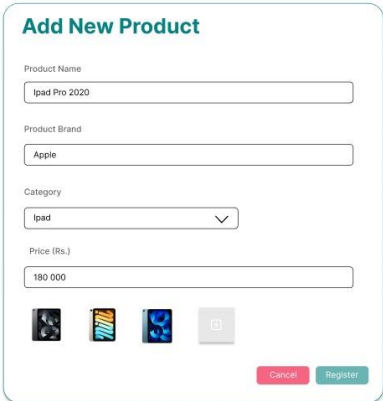| | **Picture of interface 1** | **Brief description of interface 1** |
|---|---|---|
| **Sprint 1** |  | **Purpose:** This interface will be used to show basic details of products and to allow product comparison that helps customers decide what to buy.<br><br>**Flow:** Initially customer have to login to the system and then he can view this page directly as home page. In this page customer can see all products with basic details or he can select any category as his preference or customer can search for what he wants.<br><br>**Good practices**<br>•Designed to be attractive to the user.<br>•Simple design which focuses the user's attention directly to the content and non -technical language has used.<br>•Icons which provide an intuition on to what it is supposed to do. |

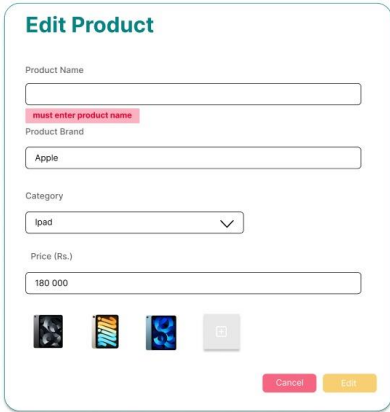| Picture of interface 2 | Brief description of interface 2 |
|---|---|
|  | **Purpose:** The purpose of this interface is to show all the details of the selected product to the customer. Customers can view more images that are related to the selected product from this page.<br><br>Flow: Customer can navigate to this page by click on a product in home page and he can add relevant product to the cart. Bottom of the page customer can view similar products to that selected product and show reviews that has to selected product.<br><br>**Good practices**<br>•Simple design which contains all the necessary information and non-technical language has used**.** Have used images that are in good quality and focus user attention clearly.<br>•Most needed information has highlighted with different font sizes.<br>•Icons which provide an intuition on to what it is supposed to do. |
| **Picture of interface 3** | **Brief description of interface 3** |
|  | **Purpose**: The purpose of the system is to register as an admin to the system<br><br>**Flow**: The admin will navigate to this interface by clicking register now in the login interface (or any other method). After navigating, the admin will initially provide the User name, email, PW and confirm their password. If PW and confirm PW is not matching an error will be prompted. After entering the information, register button can be pressed and it will navigate the user to their dashboard. |

| | | |
|---|---|---|
| | | **Good practices**:<br>• Simplistic and uniform interface<br>• Title which gives the user an idea about the functionality of the interface.<br>• Placeholder and icons which provides the user an idea about the respective input fields.<br>• Password and confirm PW checking whether they match and providing feedback. |
| | **Picture of the interface_5** | **Brief description of interface_5** |
| **Sprint 2** | **Add New Product**<br><br>Product Name<br>Ipad Pro 2020<br><br>Product Brand<br>Apple<br><br>Category<br>Ipad            ∨<br><br>Price (Rs.)<br>180 000<br><br>[images]  ⊞<br><br>Cancel   Register | **Purpose:**<br>The purpose of the interface is to edit the product by the admin (admins are not allowed to register to the system. When adding admins to the system, only the basic fields such as the UN, Email, Password are provided). By clicking add product, admin can add all the other relevant details.<br><br>**Flow:**<br>The admin will navigate to this interface by clicking the respective buttons in their dashboards. The Product name and Brand name are normal text boxes. The price field will validate whether the entered string matches the price format. If the any field appear empty an error will be prompted. after that and upload a picture of them by clicking upload icon. The progress bar will show the status of the upload when the file is uploading. After entering the information or editing, the relevant button can be pushed to add the product information.<br><br>**Good practices:** |

| | | |
|---|---|---|
| | | • Simplistic and uniform interface<br>• Title which gives the user an idea about the functionality of the interface.<br>• Placeholder and icons which provides the user an idea about the respective input fields.<br>• Each field checking whether they match and providing feedback. |
| | **Picture of the interface_6** | **Brief description of interface_6** |
| | **Edit Product**<br><br>Product Name<br><br>must enter product name<br>Product Brand<br><br>Apple<br><br>Category<br><br>Ipad<br><br>Price (Rs.)<br><br>180 000<br><br>Cancel   Edit | **Purpose:**<br>The purpose of the interface is to edit the product by the admin (admins are not allowed to register to the system. When adding admins to the system, only the basic fields such as the UN, Email, Password are provided). By clicking edit product, admin can add all the other relevant details and edit information in the future.<br><br>**Flow**:<br>The admin will navigate to this interface by clicking the respective buttons in their dashboards. After navigating to the interface, the user will enter the relevant information or edit the already existing information in the system. The Product name and Brand name are normal text boxes. The price field will validate whether the entered string matches the price format. If the any field appear empty an error will be prompted. after that and upload a picture of them by clicking upload icon. The progress bar will show the status of the upload when the file is uploading. After entering the information or editing, the relevant button can be pushed to edit the product information. |

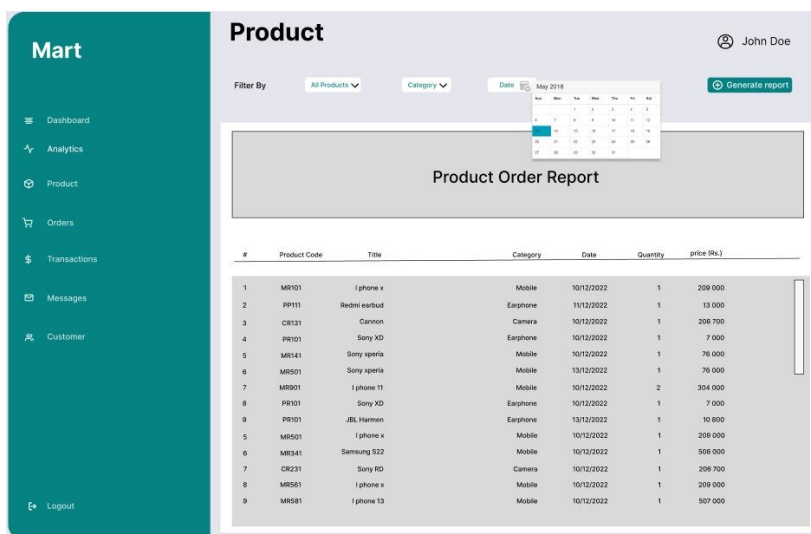| | | • **Good practices**: Simplistic and uniform interface |
|---|---|---|
| | | • Title which gives the user an idea about the functionality of the interface. |
| | | • Placeholder and icons which provides the user an idea about the respective input fields. |
| | | • Each field checking whether they match and providing feedback. |
| | **Picture of the interface_7** | **Brief description of interface_7** |
| |  | **Purpose:** The purpose of the interface is to monitor each product order with date by the admin and track the income and that are paid for the month. It is also possible to generate reports. |
| | | **Flow**: The admin will navigate to this from their dashboard. All the product with details relevant to this quota will be displayed (automatically calculated based on the quantity). Admin can select particular date and find what are the product sell within that day. |
| | | **Good practices**: |
| | | • Intuitive list which displays all the relevant but necessary information. |
| | | • Clearly mention headers with user friendly way. |
| | | • Simple language and numbering. |

| Registration No | IT20609894 |
|---|---|
| Student Name | Batawala B.A.R.P.R |

| Function(s)<br><br>**Note**: Include the functions required to complete for both **sprint 1** & **sprint 2** | **Sprint 1**<br><br>• Create feedback category page.<br>• Add/ view/ edit/ delete functions in feedbacks part.<br>• View/ edit / delete functions in feedback part on admin view.<br>• Search function in feedback part.<br>• Generate report in feedback part.<br><br>**Sprint 2**<br><br>• Add/ view/ edit/ delete functions in complaints part.<br>• View/ edit / delete functions in complaint part on admin view.<br>• Search function in complaint part.<br>• Generate report in complaint part. |
|---|---|

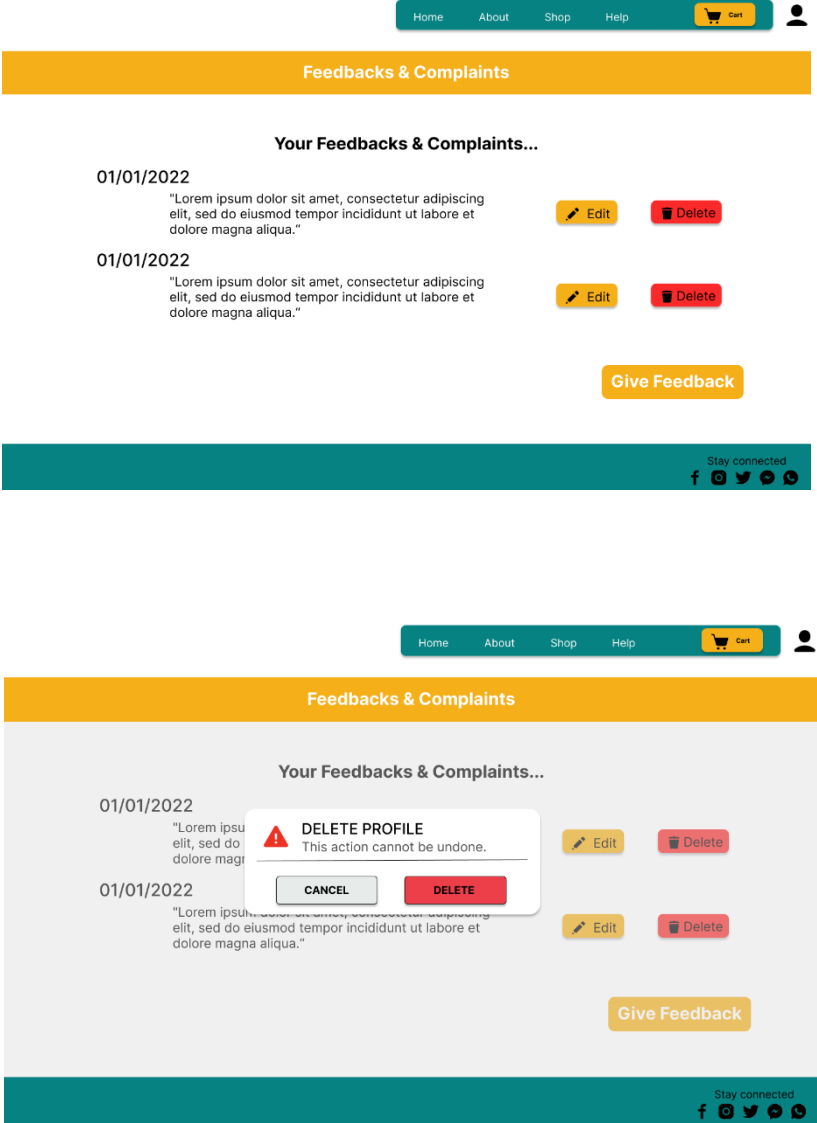| | **Picture of interface 1** | **Brief description of interface 1** |
|---|---|---|
| **Sprint 1** |  | **Purpose:**<br>The purpose of this interface is categorize feedback function according to customer view.<br><br>**Flow**:<br>When customer logs into the system he can simply click on feedback button in the home page feedbacks and reviews section.<br><br>**Good practices**:<br>• Simplistic design that focuses the user's attention directly to categories of the function.<br>: |

| Picture of interface 2 | Brief description of interface 2 |
|---|---|
|  | **Purpose:**<br>This interface allows the customer to provide feedback and reviews about services and products that are provided from our website.<br>**Flow:**<br>The customer will navigate to the feedback page and click on the 'Give Feedback' button or customer can navigate to 'Your Feedbacks' page and click on the 'Give Feedback' button.<br>Then customer have to provide some contact details and rate our services. If customer have any suggestions or comments they can type it on the provided space and submit form.<br><br>**Good practices:**<br>• Give Your Feedback title which gives the purpose of the interface.<br>• Place holders and labels which direct the customer to the relevant input fields.<br>• Email field will give feedback if the format of the field is incorrect.<br>• •By using calendar icon all customers can easily input date in same format. |

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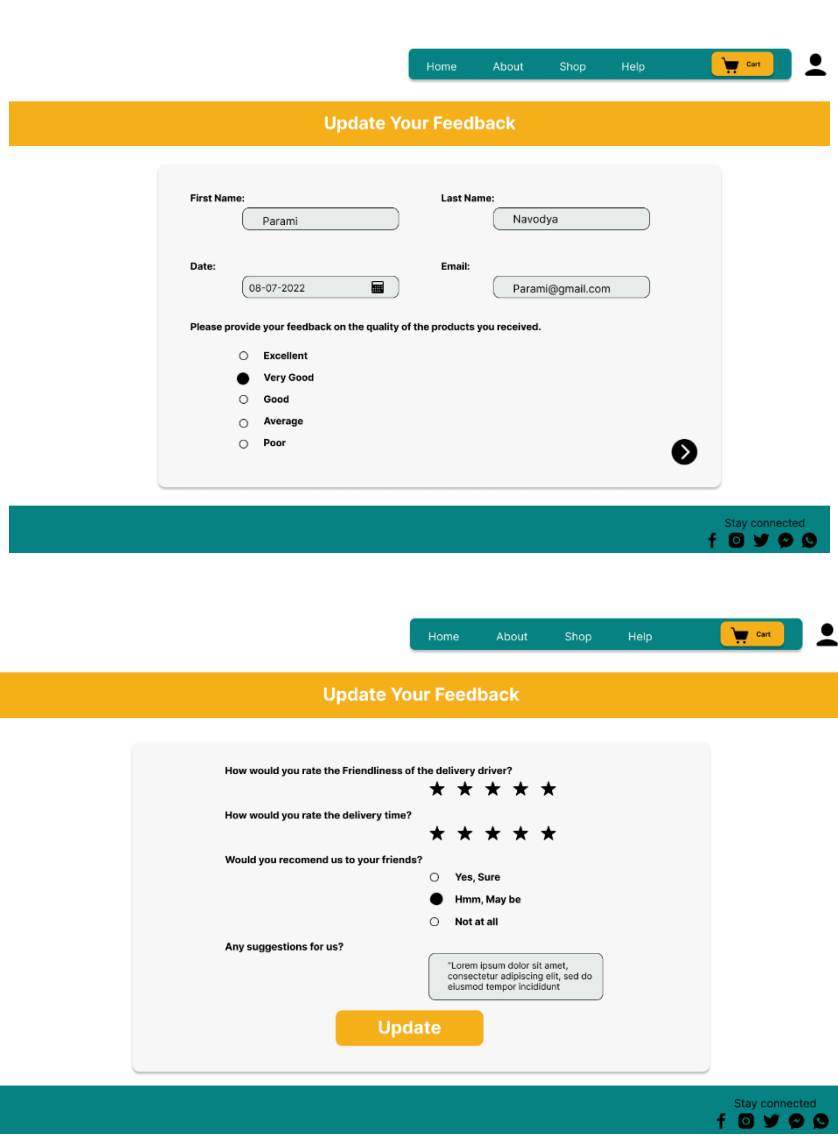
**BSc (Hons) in Information Technology Specializing in SE**
**Year 3**

**Assignment 1**

**SE3080 – SPM**                                                    **Semester 2**

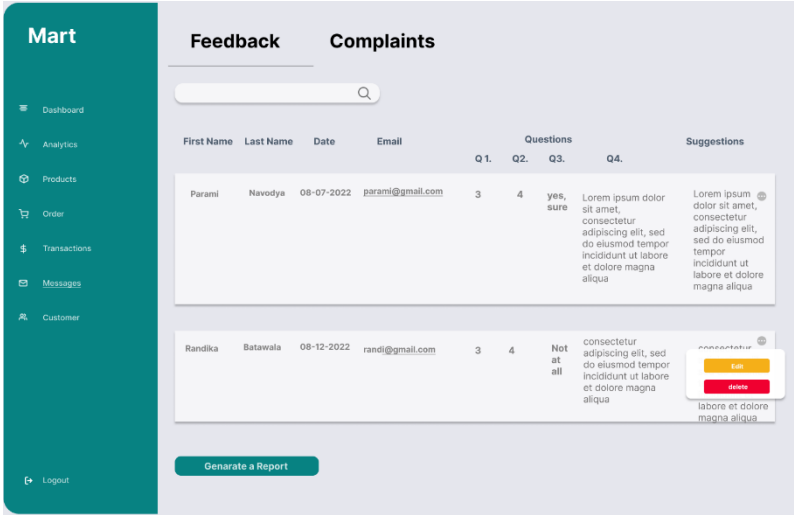| Picture of interface 3 | Brief description of interface 3 |
|---|---|
|  | **Purpose:** This interface allows customer to view their own feedbacks and complaints. <br><br> **Flow:** The customer will navigate to the feedback page and click on the 'Your Feedbacks and Complaints' button. From this page customer can easily delete or edit their own comments by click on 'Edit' or 'Delete' buttons or can easily navigate to the 'Give Feedback' page. <br><br> When customer click on the Delete button system shows warning message to confirm that customer wants to delete that feedback surely. <br><br> **Good practices:** <br> • Simplistic design that focuses the user's attention directly to the function. <br> • Give delete or cancel options that customer may need. <br> • Clearly inform user about the action he may take. <br> • User can easily navigate to other pages he may need. |

| Picture of interface 4 | Brief description of interface 4 |
|---|---|
|  | **Purpose:** This interface allows customer to edit their feedback.<br><br>**Flow:** Customer will navigate to their own feedbacks page. By clicking on the edit button in the relevant feedback they can navigate to this page. When customer view this page he can see questions with his previous answers and customer can edit those answers and submit their response.<br><br>**Good practices:**<br>• Update Your Feedback title which gives the purpose of the interface.<br>• Email field will give feedback if the format of the field is incorrect.<br>• By using calendar icon all customers can easily input date in same format. |

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**Assignment 1**

**SE3080 – SPM**                                                                 **Semester 2**

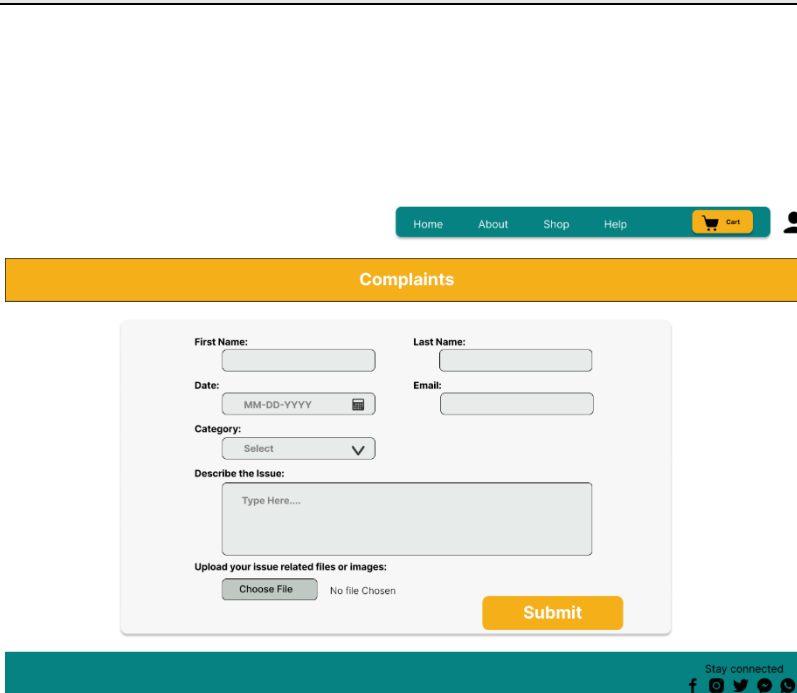| Picture of the interface_5 | Brief description of interface_5 |
|---|---|
|  | **Purpose:** This interface allows admin to view customer feedbacks as a table and he can edit or delete relevant feedback from the system. It is also possible to generate reports and search feedbacks.<br><br>**Flow** : The admin will navigate to the admin dashboard. Then he can select feedback and complaint management or admin can easily click on messages in the side bar and click on feedbacks in top of the page. Admin can view customer feedbacks and he can edit or delete relevant feedback by click on the Edit or Delete button in the last column. And Admin can search feedbacks by using search bar on top of the page. If admin wants to generate a report from feedbacks, he can simply click on generate a report button and generate the report.<br><br>**Good practices**:<br>• Simple but dynamic interface.<br>•Icons providing an intuitive experience<br>• Designed to be attractive to the user. |

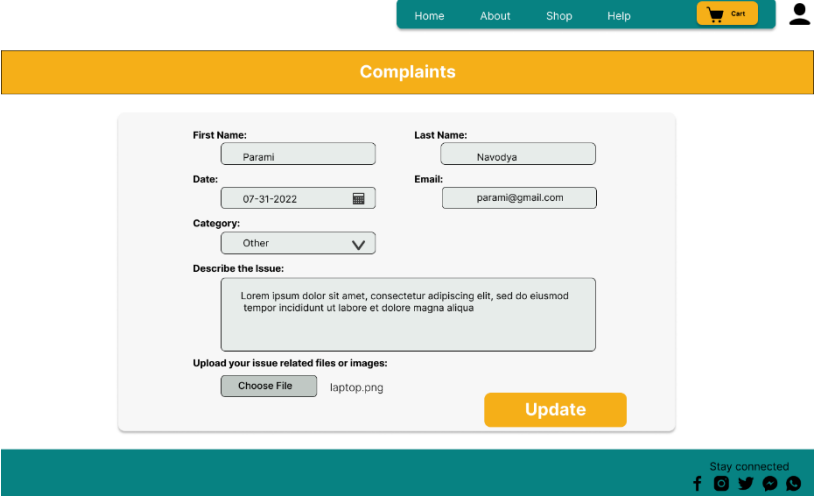| | Picture of the interface_6 | Brief description of interface_6 |
|---|---|---|
| **Sprint 2** |  | **Purpose:** This interface allows the customer to provide complaints about services and products that are provided from our website. **Flow**: The customer will navigate to the feedback page and click on the 'Complaints' button. Then customer have to provide some contact details, select complain category as service, delivery, quality of the products or select other as category. Customer can describe his issue in given space and If customer have any files or images related to the issue he can upload that files and submit the document. **Good practices**: • Place holders and labels which direct the customer to the relevant input fields. • Email field will give feedback if the format of the field is incorrect. • Category field is a drop down so that admin can quickly get the idea about the complaint when he received the message. •By using calendar icon all customers can easily input date in same format. |

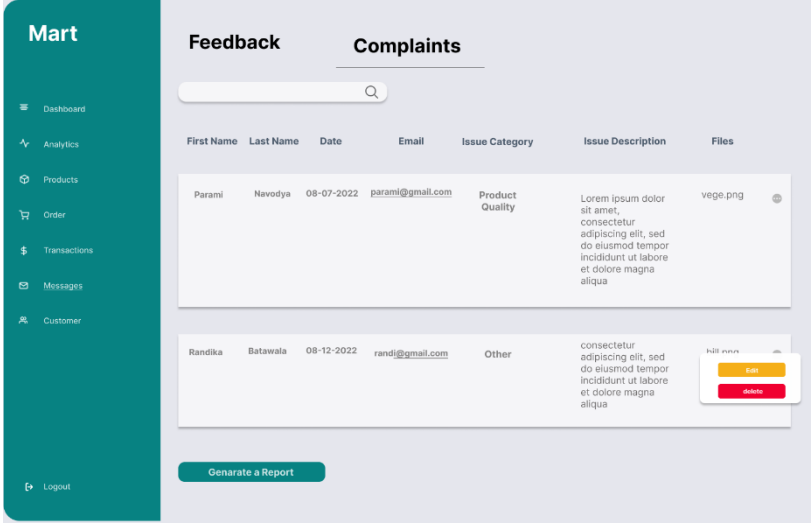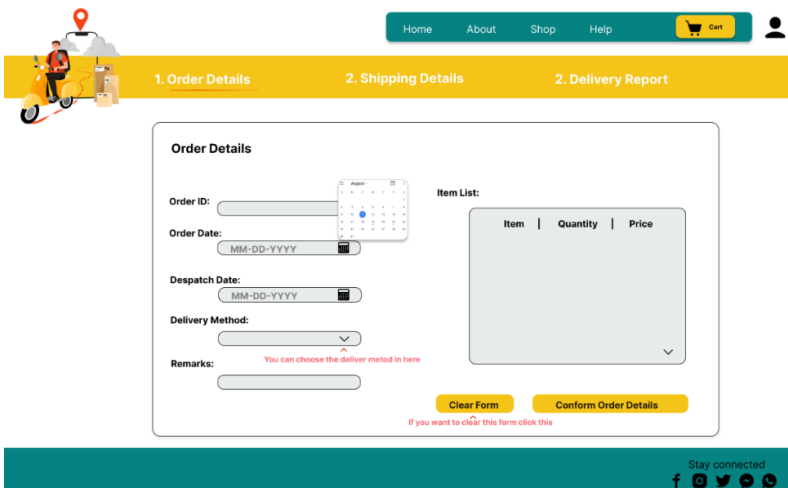| Picture of the interface_7 | Brief description of interface_7 |
|---|---|
|  | **Purpose:** This interface allows customer to edit their Complaints.<br><br>**Flow**: Customer will navigate to their own feedbacks page. By clicking on the edit button in the relevant complaint they can navigate to this page. When customer view this page he can see form with his previous answers and customer can edit those answers or upload new files and submit their response.<br><br>**Good practices**:<br>• Email field will give feedback if the format of the field is incorrect.<br>•By using calendar icon all customers can easily input date in same format |

| Picture of the interface_8 | Brief description of interface_8 |
|---|---|
|  | **Purpose:** This interface allows admin to view customer complaints as a table and he can edit or delete relevant complaint from the system. It is also possible to generate reports and search complaint. <br><br>**Flow**: The admin will navigate to the admin dashboard. Then he can select feedback and complaint management or admin can easily click on messages in the side bar and click on complaints in top of the page. Admin can view customer complaints and he can edit or delete relevant complaint by click on the Edit or Delete button in the last column. And Admin can search complaints by using search bar on top of the page. If admin wants to generate a report from complaints, he can simply click on generate a report button and generate the report. <br><br>**Good practices**: <br>• Simple but dynamic interface. <br>• Icons providing an intuitive experience. <br>• Designed to be attractive to the user. |

| **Registration No** | IT20623418 |
|---|---|
| **Student Name** | Jayasekara J.M.P.N.K |

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|---|---|
| **Function(s)**<br><br>**Note**: Include the functions required to complete for both **sprint 1** & **sprint 2** | **Sprint 1**<br><br>• Add order details to conform the order.<br>• Develop search bar<br>• Edit and Delete order Details<br>• Add shipping details to the system.<br>• View shipping details to admin.<br>• Delete Shipping Details<br>• Develop search bar in view of shipping details.<br><br><br>**Sprint 2**<br><br>• Edit Shipping Details.<br>• Add Delivery report to the system.<br>• View Delivery report to admin.<br>• Develop search bar in view of Delivery report.<br>• Edit and Delete Delivery report<br>• Generate a report of Delivery report. |

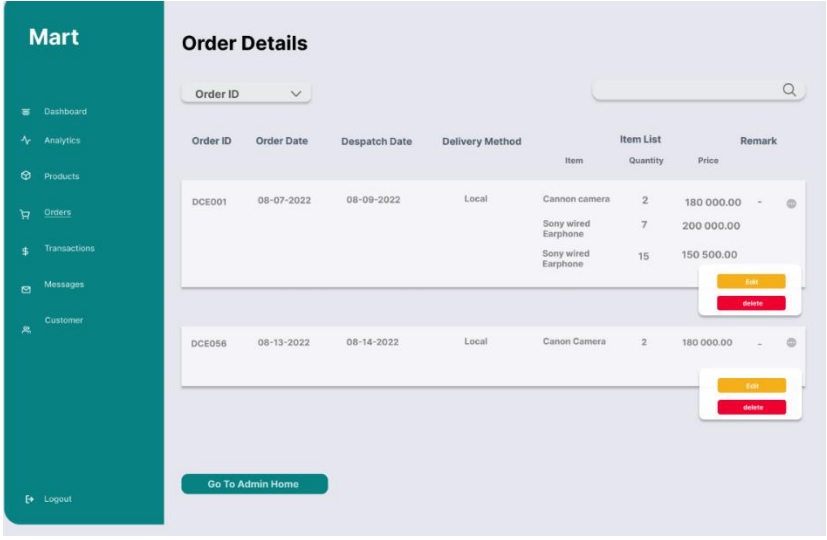| | **Picture of interface 1** | **Brief description of interface 1** |
|---|---|---|
| **Sprint 1** | <br><br>**INTERFACE 01 :** Add order details to conform order details. | **Purpose:**<br>.The purpose of the interface is to conform order details by checking order<br><br>**Flow**:<br>**In First interface** a registered customer must log into the system, place his order and come to this page with the intention of delivering the order. The details of the previously given order are reconfirmed here.<br><br>First of all, the Order ID should be given. After that, the date of the order and the dispatch date should be given. Here, when you click on the calendar icon, the calendar will appear. You can easily specify the date.<br><br>After that, the delivery method should be mentioned. Remarks are not essential, just mention them if any. The item list will auto fill according to the order ID and the |

form can be cleared by clicking the 'clear form' button. After giving all the information, click the 'conform order details' button.

**Good practices**:
- Simplistic design that focuses the user's attention directly to the function
- Designed to be attractive to the user.
- Designed to allow the user to add dates in an easy way (by providing a calendar)
- Instructions are provided to make it easy for the user.
- The order list is set to auto fill by providing the Order ID.
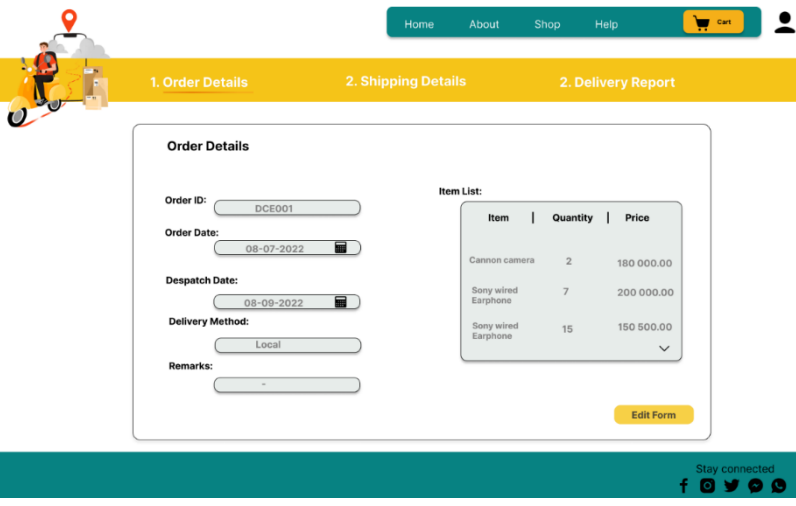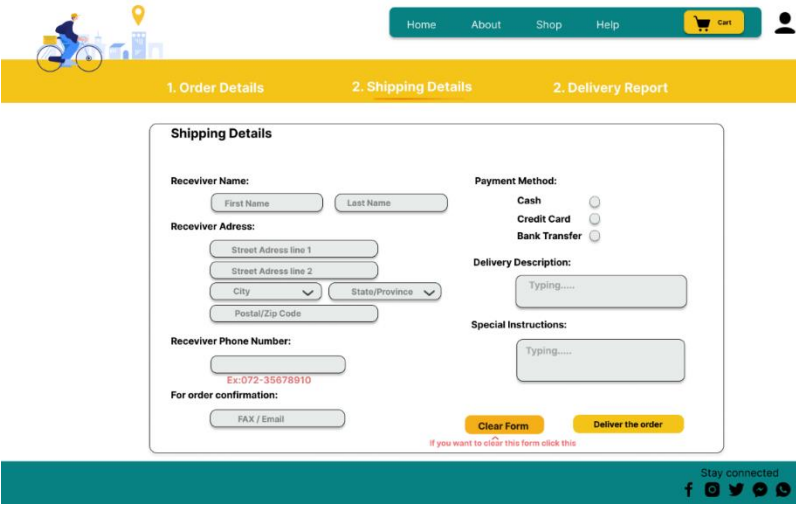- If necessary, the opportunity to clear the form has been given.

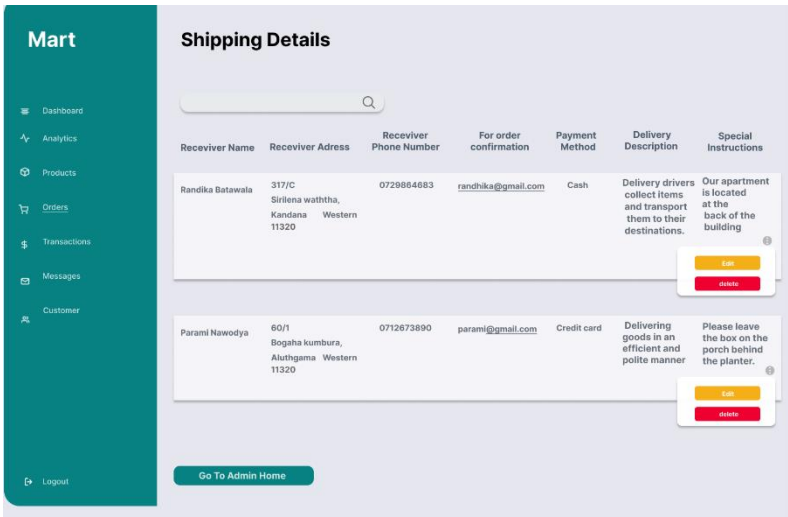| Picture of interface 2 | Brief description of interface 2 |
|---|---|
|   **INTERFACE 02 :**  View and Delete Order details | **Purpose:** The purpose of the interface is view, delete order details by admin  **Flow**: **The second interface** below allows the admin to view the order details and delete and edit them. There is also an opportunity to get the relevant details directly by order id. In addition, a search bar has been developed.  You can go back to the admin page by clicking the go to admin page button.  **Good practices**: <ul><li>Simplistic design that focuses the user's attention directly to the function</li><li>There is an opportunity to get the relevant details directly by the order id through the view order details interface.</li><li>In addition, a search bar has been developed</li></ul> |

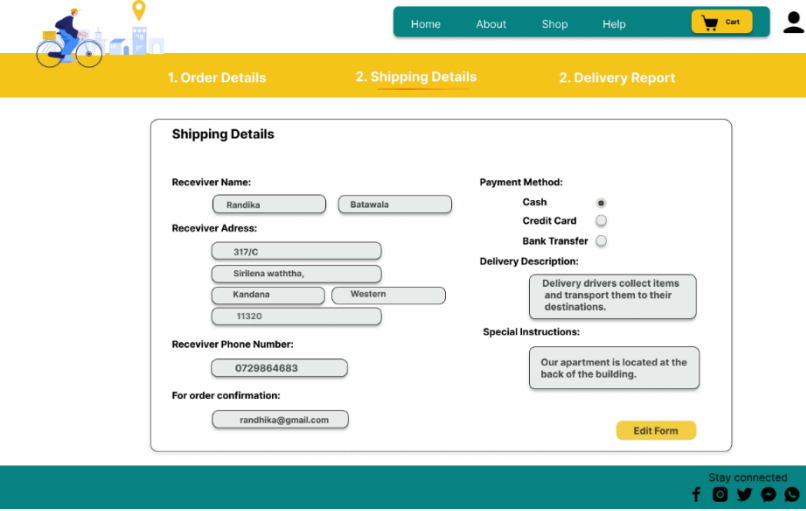| Picture of interface 3 | Brief description of interface 3 |
|---|---|
|   **INTERFACE 03 :** Edit order details | **Purpose:** The purpose of the interface is edit order details by admin  **Flow**: **In third interface** customer can edit order details. Here you can edit the form. After editing, when you click the 'Edit form' button, it will be edited correctly and the edited data will be added to the database.  **Good practices**: • Simplistic design that focuses the user's attention directly to the function • Having a button to edit details |
| Picture of interface 4 | Brief description of interface 4 |
|   **INTERFACE 04 :** Add shipping Details | **Purpose:** **.** The purpose of the interface is to add shipping details  **Flow**: This form should be filled after filling the order details conform form. Mention the receiver's name and provide a correct address. An opportunity is given to select city, state/province for convenience.  After that, the receiver's phone number should be given. A hint is given below for convenience. An opportunity is given to fax or email for order conformation. In this way, we will try to confirm the customer's trust.  After that, you are given the opportunity to choose the payment method. Delivery description and special instructions should be given and there is also a hint as 'Typing' for easy identification. |

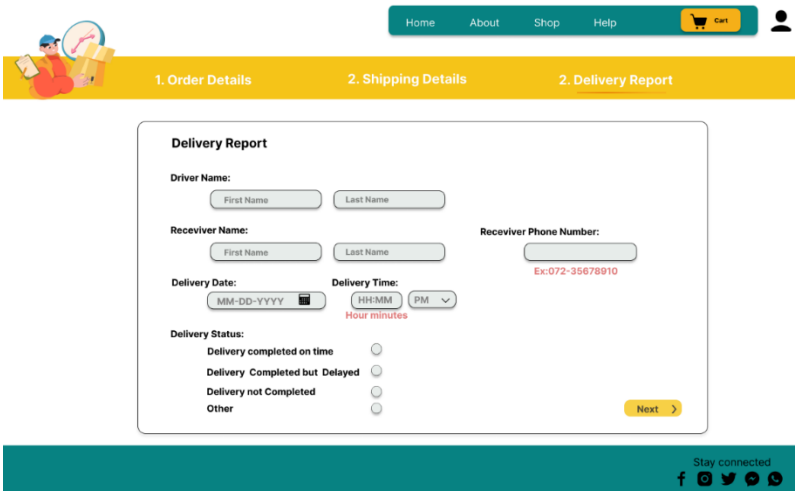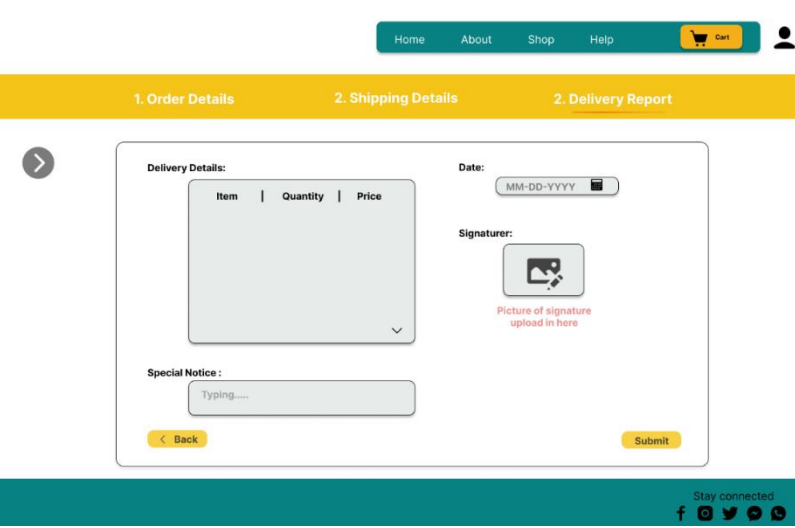| | | |
|---|---|---|
| | | If you want to clear the form, click the 'clear form' button and if you want to deliver the order, click the 'Deliver the order' button and submit the form.<br><br>**Good practices**:<br>• Simplistic design that focuses the user's attention directly to the function<br>• Being given the opportunity to choose the payment method. Thus, there is no need to type. This is set in the form of radio buttons in the most convenient way.<br>• For the convenience of the customer, what is done by the Clear form button is mentioned below.<br>• Given the opportunity to select city and state/province. There is no need to type. |
| **Sprint 2** | **Picture of the interface_5**<br><br><br><br>**INTERFACE 05 :  View and Delete shipping Details.** | **Brief description of interface_5**<br><br>**Purpose:**<br>The purpose of the interface is to view and delete shipping details<br><br>**Flow**:<br>**The Fifth interface** below allows the admin to view the shipping details and delete. In addition, a search bar has been developed. You can go back to the admin page by clicking the go to admin page button<br><br>• **Good practices**: Simplistic design that focuses the user's attention directly to the function.<br>• In addition, a search bar has been developed |

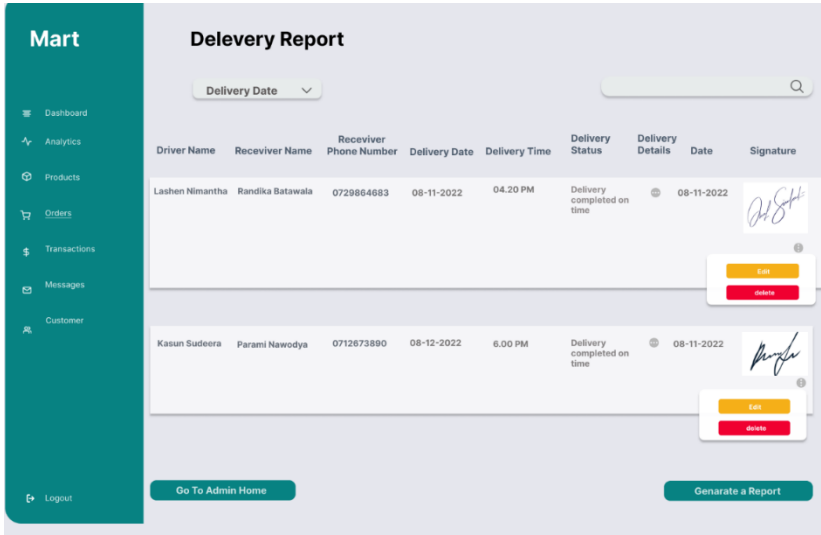| Picture of the interface_6 | Brief description of interface_5 |
|---|---|
|   INTERFACE 06 :  Edit shipping Details. | **Purpose:** The purpose of the interface is to edit shipping details  **Flow**: Here you can edit the form. After editing, when you click the 'Edit form' button, it will be edited correctly and the edited data will be added to the database.  **Good practices**: • Simplistic design that focuses the user's attention directly to the function  Having a button to edit details. |

| Picture of the interface_7 | Brief description of interface_6 |
|---|---|
| <br><br>INTERFACE 07 : Add Delivery Report | **Purpose:**<br>.The purpose of the interface is to add delivery report.<br><br>**Flow**:<br>**In 7th and 8th interface** First give the driver name and then give the receiver name and his phone number. This should be filled by the driver. You have to choose the delivery date and time and choose the delivery status. Then by clicking the next button, you can fill the rest of the form After that, the driver should fill in the delivery details. If there are any special notices, mention them, mention the date of filling the form and upload a scan copy of the driver's signature. Then the form should be submitted**.**<br><br>**Good practices**:<br>• Simplistic design that focuses the user's attention directly to the function<br>• Designed to allow the user to add dates in an easy way (by providing a calendar)<br>• Provide Option to select AM and PM.<br>• Giving the opportunity to choose the Delivery Status.<br>• Giving a hint to make it easy to fill. |

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**Assignment 1**
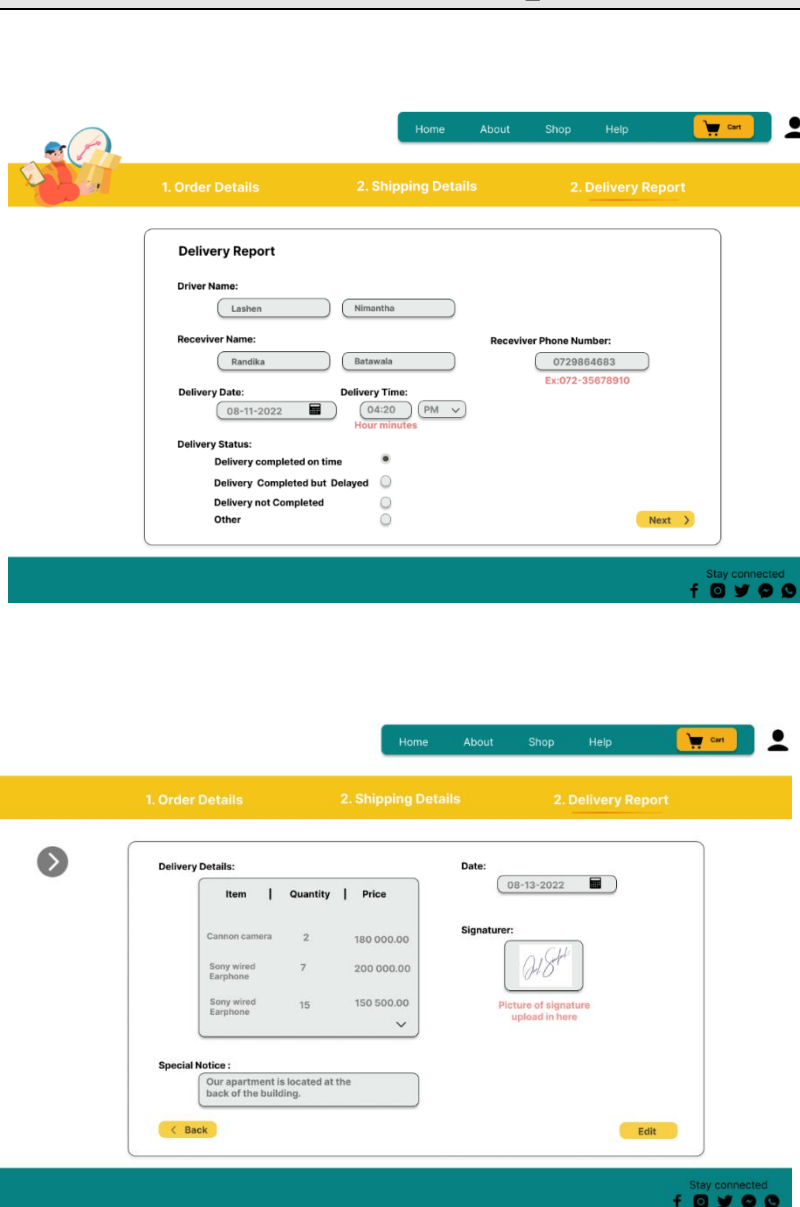
| Picture of the interface_8 | Brief description of interface_7 |
| --- | --- |
| <br><br>**INTERFACE 08: View Delivery Report** | **Purpose:**<br>The purpose of the interface is view, delete delivery report<br><br>**Flow**:<br>**The 9th interface** below allows the admin to view the delivery report and delete. In addition, a search bar has been developed. You can go back to the admin page by clicking the go to admin page button. There is also an opportunity to get the relevant details directly by Delivery Date.<br>Having given the opportunity to generate the report.<br><br>**Good practices**:<br>• Simplistic design that focuses the user's attention directly to the function.<br>• There is an opportunity to get the relevant details directly by the delivery date through the view delivery report interface.<br>• In addition, a search bar has been developed:<br>• Having given the opportunity to generate the report |

| Picture of the interface_9 | Brief description of interface_8 |
|---|---|
| <br><br>**INTERFACE 9 :Edit  Delivery Report** | **Purpose:**<br>The purpose of the interface is edit delivery report.<br><br>**Flow**:<br>Admin can edit delivery report details. Here you can edit the form. After editing, when you click the 'Edit form' button, it will be edited correctly and the edited data will be added to the database.<br><br>**Good practices**:<br><br>• Simplistic design that focuses the user's attention directly to the function<br>• Having a button to edit details.<br><br>: |

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**Assignment 1**

**SE3080 – SPM**                                                          **Semester 2**