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| **Group No:** | REG/WE/69 | |
| **Brief description of the project** | This project is about an e-commerce web application develop for a pharmacy. Mainly it's designed as a solution for consumers to order the medicines or any other pharmacy related items they need through the online platform by ordering from home and get those items to the doorstep because of this present pandemic situation.  Also, it’s improve accuracy and enhance safety, communication and efficiency in the pharmacy system by automating the existing manual system through the implementation of a computerized equipment, and full-fledged web application, fulfilling all requirements, in the process of data management and maintenance of records related to stock, liquid flows, staffs, customers and suppliers. | |
| **INDIVIDUAL DETAILS OF GROUP MEMBERS** | | |
| **Registration No** | IT19092898 | |
| **Student Name** | Pathirana M.P.C.D | |
| **Function(s)**  **Note**: Include the functions required to complete for **sprint 1** & **sprint 2** | **Sprint 1**   * User Login/Registration (Create) * Edit user profile (Retrieve/Update)   **Sprint 2**   * Add user inquiries (Create) * Implement forget password feature (Update) * Remove existing user account from admin side (Delete) * Search registered customer & generate report (Search/Report) | |
| **Sprint 1** | **Picture of interface 1** | **Brief description of interface 1** |
| Graphical user interface, application, Teams  Description automatically generated | **Purpose**: This interface will be use to login/register with the system (Client side).  **Flow**: Initially, User must need log in to the system by using their email and password, Other than that He or She can use Gmail login to system. Click the "Log in" button to log in to the system. If the user does not have an account, clicking on the "Sign Up" button will take the user to the "Register user interface" where the user can use Gmail or email, password to register. The password provided must contain letters and numbers and must be at least 10 characters long, and then click the "Sign Up" button to create a new account for the user.  Graphical user interface, application  Description automatically generated  **Good practices**:   * Ensure that an interface has only one primary focus. Avoid doing multiple tasks from a single interface. * Use meaningful label names. Each word should start with a capital letter, and there should not be any spelling mistakes. * Without asking the user to type-in values, allow them to select values whenever possible. |
| **Picture of interface 2** | **Brief description of interface 2** |
| Graphical user interface, application  Description automatically generated | **Purpose**: This interface will be use to edit user profile from the system (Client side)  **Flow**: When the user clicks on the "Edit Profile" button, the user can see the Edit Profile pop-up window. There the user can change the Name, Email, Gender, Birthday, password, profile picture etc. After making the necessary changes and clicking on the "Save" button, the information will be updated.  **Good practices**:   * Ensure that an interface has only one primary focus. Avoid doing multiple tasks from a single interface. * Use meaningful label names. Each word should start with a capital letter, and there should not be any spelling mistakes. * Have a meaningful title for the interface. |
| **Sprint 2** | **Picture of the interface\_5** | **Brief description of interface\_5** |
| Graphical user interface, application  Description automatically generated | **Purpose**: This interface will be use to update the user profile data (Client side)  **Flow**: Initially, if user wants make some changes in their user profile then he/she can update the profile and click on the ‘save’ button to update that details in the system database.  **Good practices**:   * Have a meaningful title for the interface. * Use meaningful label names. Each word should start with a capital letter, and there should not be any spelling mistakes. * Ensure that an interface has only one primary focus. Avoid doing multiple tasks from a single interface. |
| Graphical user interface, text, application, chat or text message  Description automatically generated | **Purpose**: This interface will be use to reset the existing user login passwords (Client side)  **Flow**: If the user forgets their account password, clicking on the "Forgot Password" button will display the "Reset Password" pop-up window. Enter an email and click the "Reset Password" button to send an OTP code to the email provided by the user. This will allow the user to change the password.  **Good practices**:   * Ensure that an interface has only one primary focus. Avoid doing multiple tasks from a single interface. * Use meaningful label names. Each word should start with a capital letter, and there should not be any spelling mistakes. * Without asking the user to type-in values |
| **Picture of the interface\_6** | **Brief description of interface\_6** |
| Graphical user interface, application, Teams  Description automatically generated | **Purpose**: This interface will be use to remove user profile from the system (Client side)  **Flow**: The admin can search for an unnecessary user account using the user ID and delete that account by clicking the "Delete User" button.  **Good practices**:   * Ensure that an interface has only one primary focus. Avoid doing multiple tasks from a single interface. * Use meaningful label names. Each word should start with a capital letter, and there should not be any spelling mistakes. * Without asking the user to type-in values, allow them to select values whenever possible. |

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| **Registration No** | IT20162382 | |
| **Student Name** | Bandara M.A.Y.P.W | |
| **Function(s)**  **Note**: Include the functions required to complete for **sprint 1** & **sprint 2** | **Sprint 1**   * Add stock items to the system (Create) * Retrieve stock items to home page (Retrieve)   **Sprint 2**   * Stock maintaining through the system (Update/Removing existing data) * Filter & search items by category wise from admin side (Search) * Generate stock report (Generate) | |
| **Sprint 1** | **Picture of interface 1** | **Brief description of interface 1** |
| Graphical user interface, application  Description automatically generated | **Purpose**: This interface will be use to add pharmacy items to the system (Admin side)  **Flow**: Initially, the admin is required to insert the item name & select the category of the item then admin wants to add description of the item, add the item quantity, availability of the item (stock in/out) and price. Afterall admin needs to click on the ‘Add Item’ button to save that entered item data into the database. If admin needs to clear the entered data from the form area he/she can push on the bin icon, then it’s clear the all fields in the form.  **Good practices**:   * Ensure that an interface has only one primary focus. Avoid doing multiple tasks from a single interface. * Use meaningful label names. Each word should start with a capital letter, and there should not be any spelling mistakes. * Without asking the user to type-in values, allow them to select values whenever possible. |
| **Picture of interface 2** | **Brief description of interface 2** |
| **Graphical user interface, application, Word  Description automatically generated**  **Graphical user interface, application  Description automatically generated** | **Purpose**: This interface will be use to display the all pharmacy items to the users  **Flow**: Initially, In the site home page is needs to retrieve all the item data from the database & display it on the site home page with item name, category, price & the current rate of the item then users can clearly view all those items from the home page and get a brief idea about that item.  **Good practices**:   * Without asking the user to type-in values, allow them to select values whenever possible. * Ensure that the users do not have to think or work too hard to use an interface. * Keep the interfaces simple. An interface should not contain irrelevant information. |
| **Sprint 2** | **Picture of the interface\_3** | **Brief description of interface\_3** |
| Graphical user interface, text, application, Teams  Description automatically generated | **Purpose**: This interface will be use to make some changes(update/delete) to inventory items from the system.  **Flow**: Initially, In the inventory table, admin requires to update inventory items (if there have any changes) by changing item details (item wise) – item name & change the category of the item then if have change the description of the item, change item quantity, change availability of the item (stock in/out) and price then end of the update, admin needs to click on the ‘update’ button for update the database. If it is not admin wants to remove that item, he/she can click on the ‘delete’ button to remove that item from the system.  Graphical user interface, application  Description automatically generated**Good practices**:   * Have a meaningful title for the interface. * Ensure that the users do not have to think or work too hard to use an interface. * Without asking the user to type-in values, allow them to select values whenever possible. |
| **Picture of the interface\_4** | **Brief description of interface\_4** |
| Table  Description automatically generated | **Purpose**: This interface will be use to search & filter inventory items from the system.  **Flow**: Initially, From the inventory table, admin requires to search and find inventories from the system filter by item categories and search items by using searching area then that search result will be display in the table.  **Good practices**:   * Keep the interfaces simple. An interface should not contain irrelevant information. * Ensure that the users do not have to think or work too hard to use an interface. * Without asking the user to type-in values, allow them to select values whenever possible. |
| **Registration No** | IT20126292 | |
| **Student Name** | Silva K.V | |
| **Function(s)**  **Note**: Include the functions required to complete for **sprint 1** & **sprint 2** | **Sprint 1**   * Search & filter items from the home page & add items to the shopping cart (Search/Create) * Retrieve shopping cart with selected items (Retrieve)   **Sprint 2**   * Make changes (update item quantity or remove items) from the cart & generate total amount (Delete/Update) * Remove orders from the system (Delete) * Filter user orders & generate sales report (Report) | |
| **Sprint 1** | **Picture of interface 1** | **Brief description of interface 1** |
| Graphical user interface, application  Description automatically generated | **Purpose**: This interface will be use to search and find relevant pharmacy items from the system and **add items** to the shopping cart as user requirement (Client side).  **Flow**: Initially, user needs to find drug items through the system by searching or filtering that specific drug items from the system and find if it is available or not then if it is currently available in the stock user can add that relevant items to user’s shopping cart by click on the ‘shopping cart’ icon, then it will added to the shopping cart item list.  **Good practices**:   * Ensure that an interface has only one primary focus. Avoid doing multiple tasks from a single interface. * Ensure that the users do not have to think or work too hard to use an interface. * Without asking the user to type-in values, allow them to select values whenever possible. |
| **Picture of interface 2** | **Brief description of interface 2** |
| **Graphical user interface, application  Description automatically generated** | **Purpose**: This interface will be use to retrieve all the user added shopping cart item list from the system (Client side).  **Flow**: Initially, user is required to click on the ‘shopping cart’ icon from the home page to view the particular user’s shopping cart with added items, then system will retrieve all cart item and display it to the user for make some changes from the cart (if any).  **Good practices**:   * Keep the interfaces simple. An interface should not contain irrelevant information. * Without asking the user to type-in values, allow them to select values whenever possible. * Have a meaningful title for the interface. |
| **Picture of interface 3** | **Brief description of interface 3** |
| **Graphical user interface, application  Description automatically generated**  **Sprint 2** | **Purpose**: This interface will be use to update or remove shopping items form the cart (Client side).  **Flow**: Initially, In the shopping cart if user requires to update quantities of the exiting items then user needs to click on the ‘-’ or ‘+’buttons for update the item quantity or user needs to remove any existing items from the cart then user can click on the ‘cross’ button placed in top right hand side comer to remove the items from the cart then it will remove from the cart list. Finally, system will generate total bill amount and display it on the screen (end of the shopping cart).  **Good practices**:   * Keep the interfaces simple. An interface should not contain irrelevant information. * Without asking the user to type-in values, allow them to select values whenever possible. * Have a meaningful title for the interface. |
| **Picture of the interface\_4** | **Brief description of interface\_4** |
| Graphical user interface, application, Teams  Description automatically generated | **Purpose**: This interface will be use to remove user orders from the system order list (Admin side).  **Flow**: Initially, In the admin side orders table if there any unwanted user orders (older user orders) then admin can remove that data by click on the ‘delete’ button then it will be successfully remove from the system  **Good practices**:   * Have a meaningful title for the interface. * Ensure that an interface has only one primary focus. Avoid doing multiple tasks from a single interface. * Without asking the user to type-in values, allow them to select values whenever possible. |
| Table  Description automatically generated | **Purpose**: This interface will be use to generate sales report from the system order list (Admin side).  **Flow**: Initially, In the admin side orders table if admin wants to get printable report with summarizing user orders as a sales report for their marketing purposes, then admin can filter data by order date and click on the ‘PDF’ icon button. then system will be successfully generating the report from the system database.  **Good practices**:   * Keep the interfaces simple. An interface should not contain irrelevant information. * Ensure that the users do not have to think or work too hard to use an interface. * Without asking the user to type-in values, allow them to select values whenever possible. |
| **Registration No** | IT20129576 | |
| **Student Name** | Jayawardana J.K.M.D.T | |
| **Function(s)**  **Note**: Include the functions required to complete for **sprint 1** & **sprint 2** | **Sprint 1**   * Get user location details & select payment method (Create) * Get payment details (Create) * Generate user invoice (Report)   **Sprint 2**   * Retrieve finalized invoice list & filter invoice list by payment method (Retrieve/Search) * Find & delete data from the payment list (Delete) * Update order status (Update) | |
| **Sprint 1** | **Picture of interface 1** | **Brief description of interface 1** |
| Graphical user interface, application  Description automatically generated | **Purpose**: This interface will be use get user location detail and select payment method (Client side).  **Flow**: I initially, In the payment area first user requires to input the personal details to the system, in there User must need to Enter the Full Name, Email and Telephone number. Next The user input the Delivery Details in their User must need to enter Address and City. If there any issue on delivery, there is a field to input the Secondary phone number. Next User Have to select the What he need first one is Cash on Delivery and Next one is Pay by Visa /Master/ Credit /Debit. Finally, user can click on the ‘place order’ button to proceed order button to proceed the order.  **Good practices**:   * Have a meaningful title for the interface. * Ensure that the users do not have to think or work too hard to use an interface. * Without asking the user to type-in values, allow them to select values whenever possible. |
| **Picture of interface 2** | **Brief description of interface 2** |
| **Graphical user interface  Description automatically generated** | **Purpose**: This interface will be use get user payment details to the system (Client side).  **Flow**: Initially, in the payment gateway user need to add their credit/Debit card details by inserting card number Cvv and Expiration Date. finally, user need to click on the ‘proceed’ button to place the order.  **Good practices**:   * Have a meaningful title for the interface. * Ensure that the users do not have to think or work too hard to use an interface. * Without asking the user to type-in values, allow them to select values whenever possible. |
| **Picture of interface 3** | **Brief description of interface 3** |
| Graphical user interface  Description automatically generated | **Purpose**: This interface will be use to display & generate order invoice for the user (Client side).  **Flow**: Initially, After the payment User navigates to the final stage in there system will generate an invoice for the user including reference number order num and purchase products, and Total amount then user can print the invoice as a pdf file by click on the ‘PDF’ icon button.  **Good practices**:   * Have a meaningful title for the interface. * Ensure that the users do not have to think or work too hard to use an interface. * Ensure that an interface has only one primary focus. Avoid doing multiple tasks from a single interface. |
| **Sprint 2** | **Picture of the interface\_5** | **Brief description of interface\_5** |
| Graphical user interface, application  Description automatically generated | **Purpose**: This interface will be use to retrieve all payment list and update the order status (Admin side).  **Flow**: Initially, the admin needs to retrieve the payment status Handling In there Admin can filter the order as Cash on delivery or online method then the admin can update the order status using the update button.  **Good practices**:   * Keep the interfaces simple. An interface should not contain irrelevant information. * Ensure that the users do not have to think or work too hard to use an interface. * Without asking the user to type-in values, allow them to select values whenever possible. |
| **Picture of the interface\_6** | **Brief description of interface\_6** |
| Table  Description automatically generated | **Purpose**: This interface will be use to search and delete purchase orders from the system (Admin side).  **Flow**: Initially, if there are any issues or on the order admin can delete the order using the delete button.  **Good practices**:   * Keep the interfaces simple. An interface should not contain irrelevant information. * Ensure that the users do not have to think or work too hard to use an interface. * Without asking the user to type-in values, allow them to select values whenever possible. |