***Features***

In this document, the features that have been implemented in the current sprint (sprint 2) and the features that will be implemented next sprint (sprint 3) are explained.

**Features Implemented in Sprint 2**

|  | ***Feature 1*** | ***Feature 2*** | ***Feature 3*** |
| --- | --- | --- | --- |
| *Function* | Add a user | Remove a user | Sign in |
| *Description* | This function allows the supervisor to add a new user (for example, give access to an employee). | This function allows the supervisor to remove a user that already has access. | This function allows a user to access the website. |
| *Inputs* | Username and position of the user (employee or supervisor) by the supervisor, and after that the “Submit” button has to be pressed. | Username of the user that is being deleted in the search bar. | Username and password by user. |
| *Source* | Under “User List”, in Menu page called “Users”, which appears to the supervisor only. The “Add a user” button has to be clicked to view the page. | Under “User List”, in Menu page called “Users”, which appears to the supervisor only. | Sign in web page of the website. |
| *Outputs* | Adds user to the table that lists users with access to the website. | Removes user from the table that lists users with access (their username and position are no longer there). | If the login credentials (username and password) are correct, an alert box will display a message saying “You are now logged in!”. However, if the login credentials are wrong, an alert box will display a message saying your username and password are incorrect, and will prompt you to try again. |
| *Destination* | Table that lists users with access. | Table that lists users with access. | User’s console. |
| *Action* | When the supervisor presses on the “add user” button, they can add a new user as a supervisor or an employee, and provide them with a username and a password for sign in access. Then, they have to click the “Submit” button to perform the action. | When the supervisor presses on the “remove user”, they can remove an already existing user from the list. | When the website is accessed, the first thing to appear is the “Sign In” page, where the user has to input a username and password in order to access the site. |
| *Requires* | User should be logged in as “supervisor”. | User should be logged in as “supervisor” | User should be registered in the list of users. If not, the user should ask for a username and password to be provided by the development team. |
| *Pre-condition* | Users should not be already in the list | Users should exist in the list. | Given access through the user’s list, meaning the login credentials (username and password) have to be correct to log in. |
| *Post-condition* | No post-condition | No post-condition | Click “OK” in the alert box that says you’re logged in. |
| *Side effects* | No side effects | No side effects | No side effects |

|  | ***Feature 4*** | ***Feature 5*** | ***Feature 6*** |
| --- | --- | --- | --- |
| *Function* | View order history | Search for product in order history | View pending orders |
| *Description* | This function allows the user to view their previous orders. | This function allows the user to search and view all products with the inputted name that have been previously ordered. | This function allows the user to view orders that are above 5000$, waiting to be approved by the supervisor. |
| *Inputs* | No inputs | Name of the product being searched in the search bar | No inputs |
| *Source* | The table displaying the order history can be found under the section called “Items Ordered”, which in turn can be found in the Menu page called “Orders”. | The search bar can be found under the section called “Items Ordered”, which in turn can be found in the Menu page called “Orders”. | The table displaying pending orders can be found under the section called “Items Queued”, which in turn can be found in the Menu page called “Orders”. |
| *Outputs* | No outputs | Updates the table to display all products ordered that have the name searched for (ex: apple), including their suppliers and prices. | No outputs |
| *Destination* | Output screen | Output screen | Output screen |
| *Action* | When the user presses on the “Orders” page in the Menu, he will see a table under “Items Ordered”, which displays all the items chosen to be ordered from the “Product List”. | When the user inputs the name of the product in the search bar (ex: apple) under “Items Ordered”, the table updates to show all products with that name, along with their supervisors and prices. | When the user presses on the “Orders” page in the Menu, he will see a table under “Items Queued”, which displays all the orders above 5000$ that are waiting to be approved by the supervisor. |
| *Requires* | User should be logged in | User should be logged in | User should be logged in as “supervisor”. |
| *Pre-condition* | Product(s) have to be ordered | Product(s) with the name looked for have to have been ordered | Product(s) above 5000$ have to be ordered |
| *Post-condition* | No post-condition | The table is updated to display all products that have the name inputted in the search bar. | No post-condition |
| *Side effects* | No side effects | No side effects | No side effects |

|  | ***Feature 7*** | ***Feature 8*** | ***Feature 9*** |
| --- | --- | --- | --- |
| *Function* | Search for product in pending orders | Order a product from “Product List” | Remove a product from “Product List” |
| *Description* | This function allows the user to search and view all orders with the inputted name (ex: apple) that are above 5000$, thus waiting to be approved by the supervisor. | This function allows the user to order a product from the “Product List” | This function allows the user to remove product from “Product List” |
| *Inputs* | Name of the product being searched in the search bar | Name of the product in the search bar | Name of the product and its supplier in the text boxes |
| *Source* | The search bar can be found under the section called “Items Queued”, which in turn can be found in the Menu page called “Orders”. | The search bar can be found under the section called “Product List”, which in turn can be found in the Menu page called “Products”. | The text boxes can be found under the section called “Product List”, which in turn can be found in the Menu page called “Products”. |
| *Outputs* | Updates the table to display all products pending that have the name searched for (ex: apple), including their suppliers and prices. | Updates the table under “Items Ordered” in the Menu page “Orders” to include the ordered product. If there are several products with the same name but from different suppliers, then the product with the lowest price is added to the “Items Ordered” table. | Updates the table displaying all products, which now has the product typed in the text boxes removed. |
| *Destination* | Output screen | Output screen | Output screen |
| *Action* | When the user inputs the name of the product in the search bar (ex: apple) under “Items Queued”, the table updates to show all products with that name, along with their supervisors and prices. | When the user inputs the name of the product in the search bar (ex: apple) under “Products List”, the table updates to show all products with that name, along with their supervisors and prices. Then, when the user presses the “Order” button, the product with the lowest price gets added to the”Items Ordered” table. | When the user inputs the name of the product and its supplier in the text boxes, and presses the “Remove” button, that product is removed from the “Products List” table. |
| *Requires* | User should be logged in as “supervisor”. | User should be logged in as “supervisor” or “employee”. | User should be logged in as “supervisor” or “employee”. |
| *Pre-condition* | Product(s) above 5000$ and with the name looked for have to be ordered | Products have to exist in the “Products List” table. | Products have to exist in the “Products List” table. |
| *Post-condition* | No post-condition | No post-condition | No post-condition |
| *Side effects* | No side effects | No side effects | No side effects |

|  | ***Feature 10*** | ***Feature 11*** | ***Feature 12*** |
| --- | --- | --- | --- |
| *Function* | Add a product to “Product List” | View the products available, including their suppliers and prices | Search for a product in “Product List” |
| *Description* | This function allows the user to add a product to the “Product List” | This function allows the user to view all products in the “Product List” | This function allows the user to search and view all products with the inputted name in the “Products List” |
| *Inputs* | Product name, its supplier and its price | No inputs | Name of the product being searched in the search bar |
| *Source* | Under “Products List”, in the Menu page called “Products”. The “Add a product” button has to be clicked to view the page. | The table displaying the products list can be found under the section called “Products List”, which in turn can be found in the Menu page called “Products”. | The search bar can be found under the section called “Products List”, which in turn can be found in the Menu page called “Products”. |
| *Outputs* | Adds product to the table that lists all products available for order. | No outputs | Updates the table to display all products ordered that have the name searched for (ex: apple), including their suppliers and prices. |
| *Destination* | Output screen | Output screen | Output screen |
| *Action* | When the user presses on the “Add a product” button, they can input the name of the product wished to be added, its supplier and the price. Then, they have to click the “Submit” button to perform the action. | When the user presses on the “Products” page in the Menu, he will see a table under “Products List”, which displays all the items available for order. | When the user inputs the name of the product in the search bar (ex: apple) under “Products List”, the table updates to show all products with that name, along with their supervisors and prices. |
| *Requires* | User should be logged in as “supervisor” or “employee”. | User should be logged in as “supervisor” or “employee”. | User should be logged in as “supervisor” or “employee”. |
| *Pre-condition* | Product should not be already in the list | Product(s) have to exist in the table | Product(s) with the name looked for have to exist in the table |
| *Post-condition* | No post-condition | No post-condition | The table is updated to display all products that have the name inputted in the search bar. |
| *Side effects* | No side effects | No side effects | No side effects |

|  | ***Feature 13*** | ***Feature 14*** |  |
| --- | --- | --- | --- |
| *Function* | Approve or decline pending orders | Log out |  |
| *Description* | This function allows the supervisor to accept or decline all pending orders above 5000$. | This function allows the user to log out of the website. |  |
| *Inputs* | “Yes” or “No” | “Log Out” button in the Menu |  |
| *Source* | In a text box called “Approve order?” found under “Items Queued”, in Menu page called “Orders” | In “Log Out” section in the Menu |  |
| *Outputs* | If pending orders are approved, then they’re added to the “Items Ordered” table. If pending orders are declined, no orders are added to the “Items Ordered” table. In both cases, the “Items Queued” table is emptied. | Leads to the sign in page |  |
| *Destination* | Output screen | Output screen |  |
| *Action* | If the supervisor clicks “Yes” to approve pending orders, then they’re added to the “Items Ordered” table. If the supervisor clicks “No”, then pending orders are declined, and no orders are added to the “Items Ordered” table. In both cases, the “Items Queued” table is emptied. | When the user clicks “Log Out”, it leads him back to the Sign In page. |  |
| *Requires* | User should be logged in as “supervisor”. | User should be logged in as “supervisor” or “employee”. |  |
| *Pre-condition* | Product(s) above 5000$ have to be ordered | No pre-condition |  |
| *Post-condition* | No post-condition | No post-condition |  |
| *Side effects* | No side effects | No side effects |  |

**Features To Implement For Sprint 3**

|  | ***Feature 1*** | ***Feature 2*** | ***Feature 3*** |
| --- | --- | --- | --- |
| *Function* | Description of each product | “Help” Button | “Notifications” Button |
| *Description* | By pressing on the product image, a new web page of the product description will appear. | Button that assists users in case they get lost while navigating the website | This button will serve users by notifying them of changes that were undergone in their presence. |
| *Inputs* | Double click from the user’s end | Double click from the user’s end | No input needed |
| *Source* | The image of the product. | Visible at the top of each web page. | Visible at the top of the “Home” web page. |
| *Outputs* | New web page “Description” | New tab opens up, with “Help” web page | A notification alert will appear next to the button. |
| *Destination* | Output screen | Output screen | Output screen |
| *Action* | Once the user presses on the item’s picture, they will be directed to a new web page that will show a description of the product, such as the size, the quantity, the background(country of origin), and other details that may be relevant to the buyer. | In case a user is having difficulties navigating the website, a “Help” button will always be available on the top of the page. Once they click on it, a new tab under the name “Help” will appear, with instructions and solutions of (predictable) difficulties. | When in employee mode, employees will receive a notification in case the supervisor has accepted or declined the new pending orders in the “Items Queued” list. They will also be notified when a new order is completed.  When in supervisor mode, they will be notified in case an employee ordered new items that have been queued and need approval. Will also be notified of any new orders made by the employee. |
| *Requires* | To edit, requires a supervisor login, but otherwise available to all users. | No requirements, available for all users. | New orders, approval or decline of a pending order |
| *Pre-condition* | No pre-condition | No pre-condition | That a new action has been made either by the supervisor or the employee. |
| *Post-condition* | No post-condition | No post-condition | No post-condition |
| *Side effects* | No side effects | No side effects | No side effects |