# Suburban Outfitters Website Use Case Descriptions

Suburban Outfitters offers quality products at an affordable price. The Suburban Outfitters website is the one-stop-shop for our customers to purchase our products in an easy way. With any site, there is an ethical standard to provide a safe and secured way to shop online. There are two intended user roles throughout the site, Admin and Customer. Customers should only be able to view and shop for products, but should not be able to make changes to the database in any way. Admin users should be able to shop and browse as desired, but should have the opportunity to create, update, and delete products as well as manage users in the database from the site. The documentation that follows is the intended flow for each of these use cases stated above.

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| Use Case | Manage a new Customer | |
| Objective | Add a new customer into the system, update old user | |
| Business Event | Add a new customer into the system, update old user | |
| Primary Actor (s) | Admin, Employee | |
| Secondary Actor (s) | None. | |
| Pre-condition | User must be logged into the system.  User clicks on the ‘Add Customer’ link in the home page. | |
| Post-condition | User is forwarded to the View Customer List Page. | |
| Failure outcomes | User is in the add new Customer page.  User is shown an error message ‘Error in adding a new customer’. | |
| Flow of Events | Actor | System |
| 1 | User in the home page (home.php).  User clicks on the add new customer page (manage-user.php). | Add new customer page is shown. |
| 2 | User adds new customer details. |  |
| 3 | User submits the form. | Connect to the database.  Insert customer details into the Customer table.  Forward user to the view-customer-list.php page. |
| 4 | User sees the view-customer-list.php page. |  |

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| Use Case | Update Account | |
| Objective | Make updates to a user who already exists in the database | |
| Business Event | Make updates to users who already exist in the database | |
| Primary Actor (s) | Admin | |
| Secondary Actor (s) | None. | |
| Pre-condition | Admin user must be logged into the system.  Admin user clicks on the ‘Manage Users’ button in the homepage. | |
| Post-condition | User is forwarded to the ‘Manage Users’ page. | |
| Failure outcomes | Updates to the user are not successfully sent to the database.  Admin user is shown an error message ‘Failed to update UserId: <userId>’ where <userId> is the Id of the user where an update was attempted. | |
| Flow of Events | Actor | System |
| 1 | User in the home page (homepage.php).  User clicks on the ‘Manage Users’ button to be redirected to the manage-users.php page | The manage-users.php page shows a table view of all users in the “customer” table |
| 2 | Admin user finds the row associated with the user that they would like to update and changes the fields to contain the desired information | No changes made in the system at this step |
| 3 | Admin user clicks on the “update” button on the intended row | Update query with the information from all possible fields (regardless of what information was changed) is made to the “customer” table |

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| Use Case | Add Product | |
| Objective | Allow Admin users to add a new product to the site offerings | |
| Business Event | The admin navigates to the “Add Product” page after being authenticated into the site | |
| Primary Actor (s) | Admin users | |
| Secondary Actor (s) | None. | |
| Pre-condition | The Admin has logged into the site and navigated to the homepage.php page. | |
| Post-condition | A row containing the provided information is added to the “product” table in the database. | |
| Failure outcomes | If any failure appears on the page, if there is a failure when connecting to the database, or if there is an error with running the query, the Admin will see the error “Failed to add product. Please try again.”. | |
| Flow of Events | Actor | System |
| 1 | User clicks on the “Add Product” button from the homepage.php page to go to add\_products.php. | Admin role is carried over into the add\_products.php page from the homepage.php page. |
| 2 | Admin can fill out the form to add a new product to the site. | The system takes the information input for each field on the page and makes a SQL query to the database to add that information as a new row to the table. |

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| Use Case | Update Product | |
| Objective | Allow Admin users to update any existing product from the site | |
| Business Event | The admin navigates to the “Update Product” page from the homepage after being authenticated into the site | |
| Primary Actor (s) | Admin users | |
| Secondary Actor (s) | None. | |
| Pre-condition | An Admin user has logged into the site and navigated to the homepage.php page and clicked on “Update Product” | |
| Post-condition | After entering the updated information on the specified row(s), data is updated to the database and reflected on the site. | |
| Failure outcomes | If a user without a role of “Admin” attempts to access the “Update Product” page, they will see the error “you do not have access to this page”.  If an Admin user attempts to make an update, but the query to the database fails, the Admin will see the error “failed to update <product id>” where product Id is reflective of the Id for the product that an update attempt was made for. | |
| Flow of Events | Actor | System |
| 1 | User clicks on the “Add Product” button from the homepage.php page to be redirected to the update-product.php page | Admin role is carried over into the update\_products.php page from the homepage.php page. |
| 2 | Admin finds the row associated with the product that they would like to update and insets new data into the desired fields | The system takes the information input for each field on the page and makes a SQL query to the database to update that information to existing row(s) to the “product” table. |

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| Use Case | Delete Product | |
| Objective | Allow Admin users to delete any existing product from the site | |
| Business Event | The admin navigates to the “Delete Product” page from the homepage after being authenticated into the site | |
| Primary Actor (s) | Admin users | |
| Secondary Actor (s) | None. | |
| Pre-condition | An Admin user has logged into the site and navigated to the homepage.php page and clicked on “Delete Product” page | |
| Post-condition | After the Admin user has selected the desired product, they click on the red delete button and that row is deleted from the “product” table and no longer shown on the site in either the homepage or the product-details pages. | |
| Failure outcomes | If a user without a role of “Admin” attempts to access the “Delete Product” page, they will see the error “you do not have access to this page”.  If an Admin user attempts to make an update, but the query to the database fails, the Admin will see the error “Failed to delete the product. Please try again”. | |
| Flow of Events | Actor | System |
| 1 | User clicks on the “Delete Product” button from the homepage.php page to be redirected to the delete-products.php page | Admin role is carried over into the delete\_products.php page from the homepage.php page. |
| 2 | The Admin user selects the desired product from the dropdown menu and then clicks the delete button | The system makes a SQL query to the “product” page in the database and deletes that row from the table |

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| Use Case | Homepage | |
| Objective | Allow user to interact with products | |
| Business Event | User opens the website to view the list of clothing products | |
| Primary Actor (s) | Site Visitor, Registered Visitor | |
| Secondary Actor (s) | None. | |
| Pre-condition | User opens the homepage of the site. Authentication is not required for browsing the site. | |
| Post-condition | The site visitor can see all available products on the product listing page. | |
| Failure outcomes | If loading fails, the system displays an error message: “Failed to load products”. | |
| Flow of Events | Actor | System |
| 1 | User views product list on the homepage. | The page displays all available products at current time. |
| 2 | User selects a product | The site visitor is redirected to the product details page for that item. |

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| Use Case | Add Product to Cart | |
| Objective | Allow a site visitor to add a selected product to their shopping cart | |
| Business Event | The user views product details and decides to add the product to their cart. | |
| Primary Actor (s) | Registered users, admin | |
| Secondary Actor (s) | None. | |
| Pre-condition | The user is logged in and has opened the product details page.  The user has clicked on a product and have added it to the cart | |
| Post-condition | The product is successfully added to the shopping cart. | |
| Failure outcomes | User is in the add new Customer page.  User is shown an error message ‘Error in adding a new customer’. | |
| Flow of Events | Actor | System |
| 1 | User clicks "Add to Cart" on the product details page | The system adds the product to the shopping cart |
| 2 | System displays a success message | User continues browsing or views the shopping cart |

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| Use Case | Checkout from cart | |
| Objective | Customer can checkout from the site | |
| Business Event | User purchases the products that are currently in their cart | |
| Primary Actor (s) | Site Visitor, Registered Visitor, Admin | |
| Secondary Actor (s) | None. | |
| Pre-condition | User opens the homepage of the site. Authentication is not required for browsing the site. | |
| Post-condition | The site visitor can see all available products on the product listing page. | |
| Failure outcomes | If loading fails, the system displays an error message: “Failed to load products”. | |
| Flow of Events | Actor | System |
| 1 | User views product list on the homepage. | The page displays all available products at current time. |
| 2 | User selects a product | The site visitor is redirected to the product details page for that item. |

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| Use Case | Login to site | |
| Objective | Allow existing users to authenticate into the website | |
| Business Event | User opens the website to view the list of clothing products | |
| Primary Actor (s) | Site Visitor, Registered Visitor | |
| Secondary Actor (s) | None. | |
| Pre-condition | User opens the homepage of the site. Authentication is not required for browsing the site. | |
| Post-condition | The site visitor can see all available products on the product listing page. | |
| Failure outcomes | If login fails, the system displays an error message: “user not found”. | |
| Flow of Events | Actor | System |
| 1 | User views product list on the homepage. | The page displays all available products at current time. |
| 2 | User selects a product | The site visitor is redirected to the product details page for that item. |