Individual Project Use Cases

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**Name:** Filter Options

**Description:** After opening the Plants or Accessories, user wants to be able to narrow down their search to find a suitable plant**.**

**Actors:** eStore Consumer

**Organizational Benefits:** Allows the user to narrow down their search and not get overwhelmed by the plant choices. This then keeps the consumer shopping on website instead of leaving for another.

**Frequency of use:** Consumers are impatient. The use of filter option is used very frequently. Without an efficient filter, consumers are likely to leave the site and buy from somewhere else.

**Triggers:** User selects an option to filter.

**Preconditions:** User is viewing a page of plants.

**Postconditions:** The page shows all the plant or items that fall under that filter option.

**Main Course:** User using filter options.

1. User selects either plants or accessories to view.

2. User selects filter options or options.

3. User is now able to view all that match the filters selected.

**Exception:** User enters in certain filter option.

1.There are no items that match all filter options selected.

2.De-select some filters**.**

**Name:** Finding Perfect Plant

**Description:** User can find their perfect plant similar to the search filter, but much faster.

**Actors:** eStore Consumer

**Organizational Benefits:** Consumers are impatient. The longer it takes for the consumer to find and item the less they are likely to buy. The faster a consumer can find an item the more likely they are to buy it.

**Frequency of use:** This addition should be used as often as the filter options.

**Triggers:** When consumers open the web page, they will see a section that says, “Find your Perfect Plant”.

**Preconditions:** Website must be open**.**

**Postconditions:** Perfect plant is found.

**Main Course:** User selects “Find your PerfectPlant”

1. “Find your Perfect Plant” is selected.
2. Screen prompts user to enter in requirements.
3. Plant is outputted.

**Exceptions:** Plant not found

1.Screen prompts user to enter in requirements

2.Plant not found

3.User exits and re-selects **“**Find your Perfect Plant.”

4. User can exit and browse through the catalog and filter options

**Name:** Viewing Care Tips, Plants, Accessories, or Contact pages

**Description:** User selects either page to view the business contact information, plant and accessories for sale, and care tips for their plants.

**Actors:** eStore Consumers

**Organizational Benefits:** Consumers like to know the price and what and item looks like before purchasing. This information can entice consumers to buy, generating a profit for the business**.**

**Frequency of use:** Frequently used, this is where users can browse and shop.

**Triggers:** User selects an option.

**Preconditions:** User must be on website.

**Postconditions:** The page selected is being viewed by the consumer.

**Main Course:** Viewing a page.

1. User selects option.
2. User can browse or read.
3. User can select item for further details.

Exception: EX1 Page load fail

1.User refreshes screen

**Name:** Inventory

**Description:** Business owners can upload new inventory into their site.

**Actors:** eStore Owners

**Organizational Benefits:** This allows business to upload new inventory to sell and create a profit.

**Frequency of use:** Business owners’ inventory with constantly be fluctuating.

**Triggers:** Can select tab upload inventory.

**Preconditions:** Owners must be in the Administration view of website.

**Postconditions:** Inventory is either uploaded or deleted.

**Main Course:** Administration view

1.Owners view from administration

2.Owner selects add new inventory or select to delete.

3.Banner will show if successful.

**Exceptions:** System fails to delete/add inventory

1. System notifies user that error occurred.
2. Return to Main Course step 3.

**Name:** Add to Cart

**Description:** After opening the Plants or Accessories, user can click on an item and add to cart.

**Actors:** eStore Consumer

**Organizational Benefits:** Allows the user to save items to their cart and continue shopping. User can then build up shopping cart generating more profit for company.

**Frequency of use:** Used often for shopper to buy items.

**Triggers:** User selects accessories or plants.

**Preconditions:** User is viewing items

**Postconditions:** Successfully add to cart icon.

**Main Course:** Add to cart

1. User selects either plants or accessories to view.

2. User selects add to cart.

**Exception:** Out of Stock.

1.Item is out of stock

2.User finds another item

**Name:** Checkout

**Description:** After adding items to cart user can check out.

**Actors:** eStore Consumer

**Organizational Benefits:** Allows the user to purchase items and generate profit for business.

**Frequency of use:** Used often.

**Triggers:** Selecting checkout

**Preconditions:** User has items add to cart.

**Postconditions:** Checkout was successful.

**Main Course:** Checkout

1. User selects checkout.

2. User views cart then click proceed.

3. User enters in card information.

4. User clicks complete

**Exception:** Out of stock error

1.User is notified item is no longer in stock.

2.User continues without item or goes back to shopping.