COSC 412 Individual Project

Requirements

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Functional

* A website for a business that sells house plants.
  + Allows consumers to easily buy plants.
  + Allows business owners to upload inventory and generate online business.
  + Ability to pick out the perfect plant.
  + Consumers can buy accessories and essentials for their plants.
* System shall support business owners and consumers.
  + Various users:
    - Buyers
* Can browse sections of plants, dirt, pots, etc.
* Can find their perfect plant.
* View business contact information.
* View care tips on plants.
* Add item to Cart
* Checkout
* Business Owners
  + Can upload new inventory.
  + Can delete off old inventory.
* System shall accept different inputs depending on the type of user.
  + User types:
    - Buyers:
      * Filters options
      * Ability to put in their specifications to find their perfect plant.
    - Owners:
      * Upload /delete Inventory.
* System shall produce different outputs depending on the type of user.
  + User types:
    - Buyers
      * Successfully sorted options of plants and accessories
      * The plant that suits the buyer
      * Viewing care tips
      * Viewing contact information
      * Successful checkout
      * Successful add to cart.
    - Business Owners:
      * View a successful upload/deletion icon.
* Data System must store:
  + Inventory
  + Plant Information
  + Care tips
  + Business contact information
* Payment Option:
  + The use of an outside source
    - PayPal
    - Venmo
* Search Options:
  + Filters based on:
    - Maintence Level
    - Light
    - Species
    - Color
    - Price
    - Region

Non-Functional

* Users will be able to navigate smoothly and efficiently.
* Site will present a user-friendly layout.
* Site should be cost and space effective.
* System will be reliable and available to all users.