Components Catalog

Introduction

The components catalog serves as a repository in the product for users to browse for individual computer parts. A product details overlay screen displays product information when the part is selected. Parts can be purchased by visiting the vendor’s website if it is available. Account users can save the computer part to their user garage.

* Steps
  + Phase 1: Establish a database to store information and manipulate information on individual computer parts, vendors, and account users
  + Phase 2: Create the homepage for the user catalog which is a search bar and the first computer parts displayed
  + Phase 3: Link the front end to the database created from phase 1
  + Phase 4: Create the product details overlay screen
  + Phase 5: Link product details overlay screen to database
  + Phase 6: Create user login
  + Phase 7: Create features that involve the user garage
* Resources
  + Amount of time it will take for the feature to be completed and start the feature: TIME =
    - Researching on building a database and programming it will take approximately 20 hrs to achieve
    - Coding and implementing the feature will take another 8 hrs per phase
    - Testing and debugging will take about 2 hours per phase.
    - The total time is 80 hrs
* Who will be responsible for its execution?
  + The Saturday Solutions team is responsible for the overall implementation of the feature and integrating it with other features.
* Risk Assessment
  + The user is not able to search for products due to filters and search not functioning properly.
  + Even with a product found, users will not be able to visit the vendor’s website or be notified when the product is available by the vendor.
  + Account users are not able to save the product to their garage or shelf.
  + User Privacy becomes an issue since user credentials are used to login.
* Identify any dependencies.
  + Do certain tasks need to be completed b4 others begin
    - Back end needs to be prioritized before the front end can be functional
    - Error and handling
    - Before implementing the product details overlay screen, the product in the catalog needs to be developed.
  + Do other features need to be completed before this feature?
    - Network Communications?
    - Data Store Access has to be established before this feature can be fully implemented
    - User garage and user login for parts that integrate with it.
* set milestones for overall project