Final Assignment

IS 4012 - Advanced Software Quality Assurance

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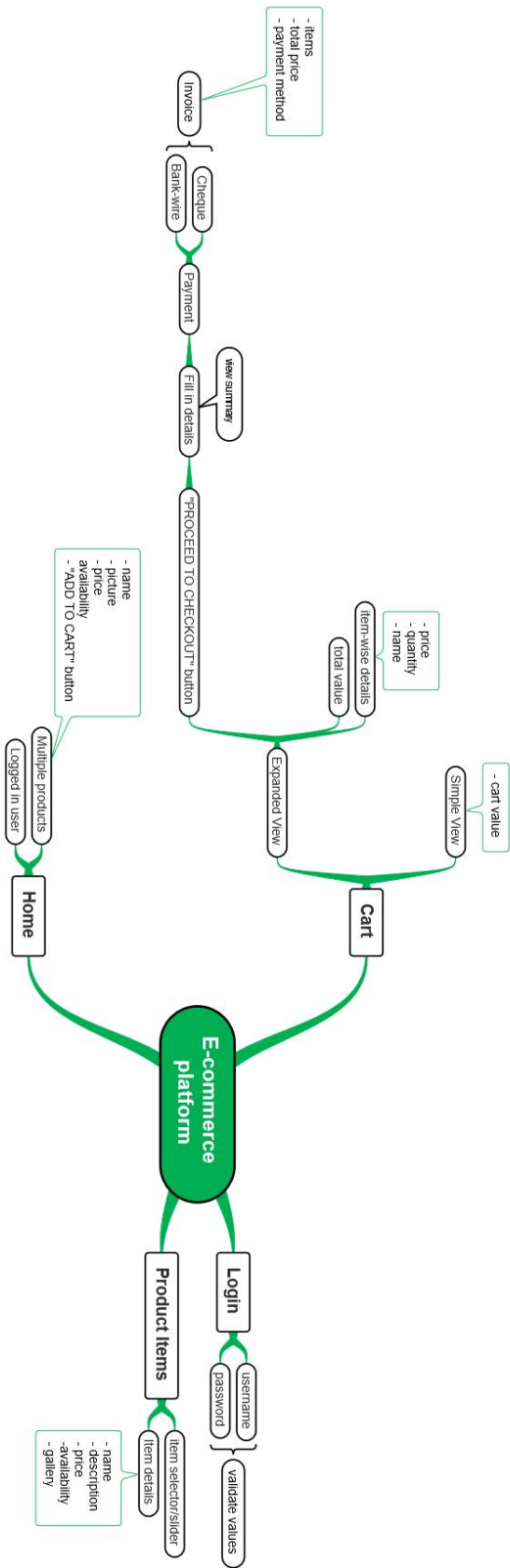
Selected Web application Project

Project - Project 02

Project URL - http://automationpractice.com/index.php?

Requirement -

The E-commerce application allows the customer to login with a valid username and valid password. The customer once logged into the system successfully can be able to choose the multiple products. Add the product to the cart and validate the product is added successfully to the cart. Complete the payment process and receive the invoice.

Mind Map

E-commerce platform

Home
- Logged in user
- Multiple products
  - name
  - picture
  - price
  - availability
  - "ADD TO CART" button

Cart
- Simple View
  - cart value
- Expanded View
  - total value
  - Item-wise details
    - price
    - quantity
    - name
  - "PROCEED TO CHECKOUT" button
    - Fill in details
      - View summary
    - Payment
      - Cheque
      - Bank-wire
    - Invoice
      - items
      - total price
      - payment method

Login
- username
- password
  - validate values

Product Items
- Item selector/slider
- Item details
  - name
  - description
  - price
  - availability
  - gallery

Test cases

- Verify that a customer can login with a valid username and a valid password.

- Verify that a customer can surf through product items once logged in.

- Verify that a customer can add multiple items of multiple products to the cart if stock is available for the selected amount.

- Verify that a customer's product cart has all selected products and shows the correct values.

- Verify that a customer can proceed to checkout with the available cart.

- Verify that a customer can complete the payment process and receive the invoice after successful payment completion.