**The Project**:

An online shopping website

**Its objectives:**

* Completion of the implementation of the selected user stories in the first sprint
* A better design of the login screen
* Eye-catching home screen

**Its problem domain:**

**Project users**:

They include the client and anyone who will use the website.

**Product users’ requirements**:

* Internet connection
* E-mail address or phone number
* Valid password

**The project’s primary functional**:

The System is a Web application that is intended to allow people:

* to create accounts.
* look through a variety of products which has been grouped into categories.
* to know the cost of the item which they desire to purchase.
* order products
* add the products to a virtual cart.
* make payments for the items and are delivered to them in a specified period.
* to also post products for potential buyers.
* To log out of the website

**The project’s non-functional requirements:**

* **Security**: transactions should be secure.
* **Maintainability**: changes should be easily made over time.
* **Performance**: pages should load very fast.
* **Availability**: the website should be always up and running
* **Capacity**: website should be capable of storing an unlimited number of products.
* **Reliability**: the website should be reliable.

**Highlights from the product backlog:**

User stories to be implemented during first sprint include: User story 1, user story 2, user story 5 and user story 21;

* **User story 1***:* The registered user wants to view their account so uses the **login** feature to enter the account details.
* **User story 2***:* The registered user desires to see his/her account so uses the **view customer option** to see account details.
* **User story 5*:*** A new user wants to buy some items so uses the **create account** option to establish an account.
* **User story 21***:* The registered user wants to end the session on the website so uses the **logout** feature to end

At the end of this sprint, the website will allow users to create accounts using a valid email address or mobile number and a password. Users will then be able to log in to their accounts using their email address or mobile number and their respective passwords. The software product will also allow registered users to view their account details. After visiting the website, users can log out of their accounts.

**Sprint planning strategies:**

* First sprint duration: 24th October – 30th October, 2021.
* Second sprint duration: 31st October – 6th November, 2021.
* Third sprint duration: 7th November – 13th November, 2021.
* Fourth sprint duration:14th November – 20th November, 2021.

Implementation of user stories for **first sprint** in this order:

1. Implementation of login feature
2. Implementation of log out feature
3. Implementation of create account feature
4. Implementation of view customer option

Implementation of other user stories for subsequent sprints will be determined at the end of each previous sprint taking into consideration the pre-and post-conditions as well as which user stories where successfully implemented and which weren’t.