

**SPRINT REVIEW AND REPORT 4**

**TEAM 23**

**Membership:**

**APPIAH DAVID AMOAKO (10841867) (Contributor)**

**KWABENA AMPONG (10843957) (Contributor)**

**PRINCE OWUSU (10849252)**

**MAJORIE ODAMETEY (10847123)**

**AMOAH OWUSU ANSAH (10836801)**

**OWUSU GYIMAH YAW (10843541)**

**Submission Date: 20th November 2021.**

The table below illustrates the current sprint backlog information;

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| USER STORY | TASKS | DAY 1 | DAY 2 | DAY 3 | DAY 4 | Day 5 | DAY 6 |
| The registered user wants to locate a particular item, uses the search feature to find that  item. | * Writing codes for the search option to be able to locate more info * Test the page | 2 | 2 | 0 | 0 | 0 | 0 |
| 0 | 1 | 0 | 0 | 0 | 0 |
| The registered user wants to make some changes to the order so uses the edit order  option to edit the order. | * **Adding the edit order button** * **Test the edit order button** | 2 | 1 | 0 | 0 | 0 | 0 |
| 1 | 1 | 0 | 0 | 0 | 0 |
| The registered user, wanting to finally purchase the products, uses the pay for items  feature to purchase them. | * Creating the pay button * Write the code for the page * Test the page | 1 | 1 | 0 | 0 | 0 | 0 |
| 2 | 2 | 0 | 0 | 0 | 0 |
| 1 | 1 | 0 | 0 | 0 | 0 |
| After the registered user has added some items to the cart, The user uses the display  bill option to determine the exact value of the prize of the collective products The user added to the  cart. | * **Adding the display bill option to the order page** * **Test the page** | 1 | 1 | 0 | 0 | 0 | 0 |
| 1 | 1 | 0 | 0 | 0 | 0 |

In addition to the functionality stated in sprint review 1 and 2, the website will allow users to view more info about any item they find, add items to the virtual cart, order an item, and view more details about their order

User stories 7,8,9,10 were dealt with for the fourth sprint and implemented. No changes were made to these user stories. No new user stories were introduced during the fourth sprint.

**LESSONS LEARNED DURING FIRST SPRINT**

* Implementing user stories on the second day as we did in previous sprints helped consume time efficiently. We will continue to do this for subsequent sprints.
* Testing the pages on the second day after making changes to the website or implementing user stories did help us to enhance the non-functional requirements. We will continue to do this for subsequent sprints.

Our team was same as the previous sprint with respect to speed as we finished implementing user stories on the second which we did for the previous sprints.

As the story pointing was done, we took into consideration the strengths and weaknesses of our development team, the areas each are best at, and where they lack. Doing this enabled us to determine the priority of user stories as well as their difficulty. We also determined which ones will be time-consuming and which ones won’t and we balanced them accordingly.

We planned for 4 user stories during this sprint, a quarter of the total number of user stories. All of theses user stories were successfully implemented. Our velocity as described was the same as compared to the previous sprint although about three times faster than our first. This will definitely help us successfully meet the deadline.

The burndown chart below shows the team ideal trajectory compared with the current trajectory.