COFFEE CONNECT WEBSITE SCRUM IMPLEMENTATION

Since the start of the lockdown, lots of small business owners declared bankruptcy and lots of Filipinos lost their jobs and my aunt is one of those Filipinos whose livelihood got affected by the pandemic. To provide for her family, she created coffee connect, an ice coffee made of genuine coffee beans. She takes orders from different friends and coffee lovers here in Cebu. Because of this, I was inspired to create a website to help her local business.

First, I listed the features (in a user story format), that I wanted to be included the web application with its acceptance criterion and arranged them base on its priority.

PRODUCT BACKLOG

USER STORY	ACCEPTANCE CRITERION
• **User Story #7** – As a website owner/developer, I need to research and understand SCRUM so that I can implement its framework for future project and be adaptable.	- Able to start planning and create product backlogs and sprint backlogs. Calculate value points, story points and the bang for the bucks.
• **User Story #8 –** As a website owner/developer, I need to research and create a sitemap to have a blueprint about the website application that I am going to work on.	- Able to create a sitemap for the coffee connect webpage.
• **User Story #9 –** As a website owner/developer, I need to research and create a wireframe for the web application	- Able to create a wireframe for the pages of the website application.

so that I can have a clear picture how the pages will look like and how they will interact.	
• **User Story #1** – As a user, I want to see pictures and of the product with its description so I can know if the product contains something, I'm allergic of.	- Site visitor can see the product's picture and description
• **User Story #2 –** As a user, I want to have an order button when browsing the products so that I can be redirected to the order page and order easily when I see that I wanted to purchase product.	- Site visitor can order by clicking the order button and filling up the order form.
• **User Story #3 –** As a user, I want to see a list of reviews of the coffees, so that I can decide if it is worth buying.	- User can view the list of customer's reviews.
• **User Story #4 –** As a user, I want to be able to post comment about my experience in buying and my thoughts or suggestions about the product.	- User can post comment about the user's suggestions and thoughts about the product.
• **User Story #5 -** As a user, I want to see if there's any upcoming or available promo events. for me, so that I can see if I can save money.	- User can view events or promo by Coffee Connect.
• **User Story #6 –** As a user, I want to be able to see info about the owner.	- User can view information about the owner.
• **User Story #10 –** As the website owner, I want to view the Customer's review so that I can see what I need to improve.	- Website owner can view customer reviews.
• **User Story #11** – As a website owner, I want to be able to write blogs about things	- Website owner can edit/write blogs.

related to coffee connect so that it can also pique the customer's interest.		
• **User Story #12** – As a website owner, I want to be able to see the customer's orders	-	The website owner can view an arranged list of orders.

Second, I had a sprint planning with myself and calculated the story points, value points and Bang for the Bucks (BFTB). The table below shows the value points, story points and the Bang for the Bucks of each user stories. User stories # 2, #3, #7, #8 and #9 has the highest BFTB, however with much consideration, user stories #7, #8 and #9 will be the prioritized user stories and will be done on Sprint 1 as reflected in the product backlog above.

	Value Points	Story Points	Bang for the Bucks
User Story #1	21	13	1.62
User Story #2	55	21	2.62
User Story #3	34	13	2.62
User Story #4	34	21	1.62
User Story #5	21	8	2.60
User Story #6	13	8	1.63
User Story #7	55	21	2.62
User Story #8	55	21	2.62
User Story #9	55	21	2.62
User Story #10	21	13	1.62
User Story #11	21	13	1.62

From there, I determined the user stories that will be done in the next sprints. Shown in the table below, User stories #7, #8 and #9 will be done first then user stories #1, #2, #10 and #3 will be done during the 2nd sprint and the next three (#11, #3 and #4) will be on sprint three and user story #5 and #6 will be done on Sprint 4. Please note that this is only an estimate and can be adjusted depending on the problems or crisis that may arise during the production of the web application.

SPRINT BACKLOG

SPRINT 1	SPRINT 2	SPRINT 3	SPRINT 4
User Story #7	User Story #1	User Story #11	User Story #5
User Story #8	User Story #2	User Story #3	User Story #6
User Story #9	User Story # 10	User Story #4	

The daily scrum report will be focused about my progress during the past few weeks. As shown in the table below, there are few days wherein I have no updates, it means that I didn't do any CMSC 126 related activities. The common problems that I encounter for this sprint is mainly the overwhelming number of activities by both minor and major subjects. Since the last semester, I have been suffering from mental, physical, and emotional exhaustion. This semester is much harder and demanding than the last, so keeping up with the deadlines is one of my struggles also.

DATE	THINGS I DID
March 15, 2021	Researching about Scrum, Researching about Site Map.
March 16 2021	Researching about Wireframe
March 17, 2021	Started planning for the web application and listing user stories.
March 19, 2021	Revised the user stories and stuff for SCRUM and finished the Sitemap.
March 25, 2021	Revised the sitemap, Finished the wireframe

April 01-04, 2021	Started finalizing the SCRUM, Sitemap and Wireframe pdf, including the script for the videos.
April 05-07, 2021	Started shooting and editing
April 08, 2021	Finalized everything and uploading to GITHUB

Proceeding with the sprint review and the retrospective. I have reviewed the things that I have planned and the tasks that I was able to do, and I saw that everything is accounted for. Regarding with the retrospective I have to manage my time well and make sure I do the activities or task I set for that day to avoid cramming..