

## SCRUM (Sprint 2)

### SCRUM ARTEFACTS

The scrum artefacts include the product backlog, sprint backlog and the increment.

#### Product backlog

Below is the updated product backlog with the main goal of creating the front-end of the website using HTML, CSS and JavaScript.

Product Backlog						
#	User stories	Acceptance criteria / Definition of Done	Story points	Value points	Value for money points	Status
1	As a developer, I want to create the scrum artefacts(Product backlog, Sprint Backlog, Increment) for the second sprint so that these could guide me on what I needed to do.	The developer makes the scrum artefacts necessary for the second sprint.	1	89	89.00	Done
2	As an instructor, I want to have one wireframe, one html page, one write and one read to the database so that the scope of the project is limited.	The developer edits the previous wireframe to have only one html page, and one write and one read to the database.	1	55	55.00	Done
3	As a developer, I want to research about HTML, CSS and JavaScript so that I could efficiently code and will not be lost in the process.	The developer is knowledgeable on how HTML, CSS and JavaScript works and applies the knowledge in developing the website.	2	89	44.00	Done
4	As a developer, I want to create one html page for the website so that it will have contents.	An HTML Code for the website is written and a corresponding output is shown on the browser	3	89	29.00	Done
5	As a developer, I want to create a CSS file so that the website will look professional.	A CSS Code for the website is written following the wireframe and a corresponding output is shown on the browser	3	89	29.00	Done
6	As a developer, I want to create a JavaScript file for the website so that it will be interactive.	A JavaScript Code is written, making the website have that dynamic behavior and a corresponding output is effectively shown on the browser.	3	89	29.00	Done
7	As an instructor, I want to watch a maximum of 3 minute video wherein the developer quickly explains the HTML code of the website and shows its corresponding output so that I will know if the developer understands HTML.	The developer makes a video (maximum of 3 minutes) quickly explaining the HTML code for the website and showing its corresponding output on the browser. Also she will upload the video on YouTube and submit the link to the instructor.	2	55	27.00	Done

8	As an instructor, I want to watch a maximum of 3 minute video wherein the developer quickly explains the CSS code of the website and shows its corresponding output so that I will know if the developer understands CSS.	The developer makes a video (maximum of 3 minutes) quickly explaining the CSS code for the website and showing its corresponding output on the browser. Also she will upload the video on YouTube and submit the link to the instructor.	2	55	27.00	Done
9	As an instructor, I want to watch a maximum of 3 minute video wherein the developer quickly explains the JavaScript code of the website and shows its corresponding output so that I will know if the developer understands JavaScript.	The developer makes a video (maximum of 3 minutes) quickly explaining the JavaScript code for the website and showing its corresponding output on the browser. Also she will upload the video on YouTube and submit the link to the instructor.	2	55	27.00	Done
10	As an instructor, I want to watch a video detailing the scrum events and artefacts for the second sprint and read the documentation for these so that I will know how the developer goes through the second sprint.	The developer makes a video (maximum of 3 minutes) and a documentation quickly explaining the scrum events and artefacts for the second sprint. She then uploads the video on YouTube and sends it together with the documentation to the instructor.	2	55	27.00	Done
11	As an instructor, I want to see the source code for the website so that I could check the code and rate it based on the criteria given.	The developer submits the code together with the documentation to the github repository.	1	21	21.00	Done

**Sprint backlog**

Below is the sprint backlog for the second sprint.

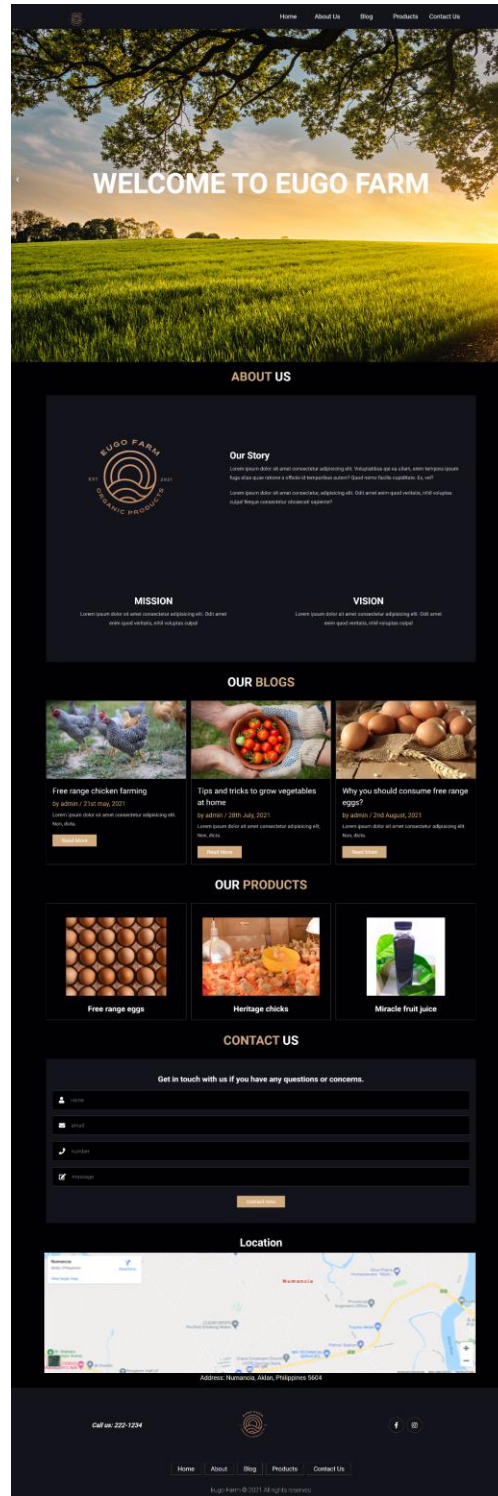
<b>Sprint Backlog</b>					
#	User stories	Tasks	Assignee	Estimated efforts (hrs)	Status
1	As a developer, I want to create the scrum artefacts(Product backlog, Sprint Backlog, Increment) for the second sprint so that these could guide me on what I needed to do.	Update the product backlog from the previous sprint	Developer 1	1 hr	Done
		Create a sprint backlog	Developer 1	1 hr	Done
		Show the increment	Developer 1	0.5 hr	Done
2	As an instructor, I want to have one wireframe, one html page, one write and one read to the database so that the scope of the project is limited.	Edit the wireframe	Developer 1	0.5hr	Done
3	As a developer, I want to research about HTML, CSS and JavaScript so that I could efficiently code and will not be lost in the process.	Read books and watch tutorials about HTML	Developer 1	72 hrs	Done
		Read books and watch tutorials about CSS	Developer 1	72 hrs	Done
		Read books and watch tutorials about JavaScript	Developer 1	72 hrs	Done
4	As a developer, I want to create one html page for the website so that it will have contents.	Create an HTML code for the website	Developer 1	24hrs	Done
5	As a developer, I want to create a CSS file so that the website will look professional.	Create a CSS code for the website	Developer 1	24hrs	Done
6	As a developer, I want to create a JavaScript file for the website so that it will be interactive.	Create a JavaScript code for the website	Developer 1	24hrs	Done
7	As an instructor, I want to watch a maximum of 3 minute video wherein the developer quickly explains the HTML code of the website and shows its corresponding output so that I will know if the developer understands HTML.	Make a video (maximum of 3 minutes) explaining the HTML code.	Developer 1	1hr	Done
		Upload the video on YouTube and submit the link to the instructor.	Developer 1	0.5hr	Done

8	As an instructor, I want to watch a maximum of 3 minute video wherein the developer quickly explains the CSS code of the website and shows its corresponding output so that I will know if the developer understands CSS.	Make a video (maximum of 3 minutes) explaining the CSS code.	Developer 1	1hr	Done
		Upload the video on YouTube and submit the link to the instructor.	Developer 1	0.5hr	Done
9	As an instructor, I want to watch a maximum of 3 minute video wherein the developer quickly explains the JavaScript code of the website and shows its corresponding output so that I will know if the developer understands JavaScript.	Make a video (maximum of 3 minutes) explaining the JavaScript code.	Developer 1	1hr	Done
		Upload the video on YouTube and submit the link to the instructor.	Developer 1	0.5hr	Done
10	As an instructor, I want to watch a video detailing the scrum events and artefacts for the second sprint and read the documentation for these so that I will know how the developer goes through the second sprint.	Make a video (maximum of 3 minutes) explaining theScrum events and artefacts for the second sprint.	Developer 1	1hr	Done
		Upload the video on YouTube and submit the link to the instructor.	Developer 1	0.5hr	Done
11	As an instructor, I want to see the source code for the website so that I could check the code and rate it based on the criteria given.	Upload the source code on github and send the link to the instructor.	Developer 1	0.1hr	Done



## Increment

For the second sprint, our increments are the HTML, CSS and JavaScript codes or basically the front-end of our website. Since we meet the Definition of Done of all the items in the product backlog, if we combine all of those, the front-end of the website is now considered as an increment.



**SCRUM EVENTS**

Scrum events include the sprint planning, daily scrum, sprint review, and sprint retrospective.

**Sprint Planning**

The first scrum event is the sprint planning. Here I layout the work to be performed for the 2<sup>nd</sup> sprint. I get the necessary items in the product backlog that I think I could finish within this sprint. Also, below are the guide questions for the planning;

Why is this Sprint valuable?

- The second sprint is valuable in order to create the front-end of the website.

What can be Done this Sprint?

- This is where the sprint backlog enters.
- HTML, CSS, and Javascript codes for the web application
- (refer to the sprint backlog)
- How will the chosen work get done?
- (refer to the sprint backlog)

How will the chosen work be done?

**Daily Scrum**

Now, for the daily scrum. This is basically a meeting for the developers of the scrum team. For this project, since I am the only developer, this is the time that I do the tasks in the sprint backlog. There are times that, I failed to follow my schedule. I took more time in learning web development than what I've expected. So I adjusted my schedule and fortunately been able to finish the second sprint.

**Sprint Review**

For the sprint review, this is the time to inspect the outcome of the current sprint and determine future adaptations. What I could say is that in this second sprint, I know what are the things that I needed to improve as a web developer.

**Sprint Retrospective**

For the sprint retrospective, I will plan ways to increase the quality and effectiveness of my work. I myself will observe what went well, what are the problems that I've encountered, and how those problems were (or were not) solved.

What went well on the 2<sup>nd</sup> sprint?

- I learned and effectively code in HTML, CSS, and Javascript.
- I've changed the wireframe of the website based on the preferences of my professor.
- I've met the Definition of Done of the product backlogs.
- (and most especially) I've enjoyed the process.

What are the problems that I've encountered?

I've also encountered some bugs in my code, and I now learned how to solve them. Most of the time, the problem is only on the syntax. So every time I've encountered a bug, I checked if I forgot to put semi-colon or a period.

And this is the conclusion of the 2<sup>nd</sup> sprint.