

SPRINT 1

PRODUCT GOAL:

A website about a topic the website owner is interested in which can be edited by the website owner, and can be accessed and commented by site visitors who can also directly contact the website owner.

PRODUCT BACKLOG:

User Stories	Acceptance Criterion (Definition of "Done")	Story Points (Prod Time Est)	Value Points (Importance Est)	Bang for the Buck (Priority Estimate)	Sprint Number
As the website owner , I want a website that's about something I'm genuinely interested in so that I'd be managing something enjoyable and wouldn't feel tedious .	Determine a simple and achievable website concept.	5	55	11.00	1
As the scrum master , I want to use Agile Scrum in the development of the website so that it can be done in a responsive, realistic, and incremental approach	<ul style="list-style-type: none"> • Identify all Scrum Artifacts (Product Backlog, Sprint Backlog) • Produce Scrum Board and trackers (Daily Sprint, to be used for Sprint Review and Retrospective) • Sprint Review and Retrospective 	21	89	4.24	1
As the website owner , I want to organize and compartmentalize my website so that I can have a clear picture of the website's "flow", content, and relationships .	Produce a Sitemap that contains all the webpages, their content, and how they're linked	13	34	2.62	1
As the developer , I want to have a blueprint or rough sketch of how each webpage looks like so that I'll know how the content will be displayed and how the layout "feels"	Produce a wireframe for (3) web pages	13	34	2.62	1

As the developer , I want to be able to create a visually-appealing, easy-to-navigate , and simple website so that website visitors can enjoy the website .	A well-designed and user-friendly website	55	89	1.62	2
As a site visitor , I want to see more information about the site and the site owner as soon as I get into the site, so that I'd know what the site is all as soon as I enter it.	Produce a Home Page with introductory information	55	34	0.62	2/3
As a site visitor , I want to have a comment section so that I can comment or ask questions about the contents in the webpage.	Implement an on-page commenting feature in the content pages	34	14	0.41	2/3
As a site visitor , I want to be able to contact the site owner so that I can provide feedback or ask questions directly to the website owner .	Create a dedicated and functional Contact Me Webpage that takes the visitor's name, email, and message	34	14	0.41	2/3
As a developer, I want to be able to manage all the information provided by site visitors through a database so that it can be easily and securely retrieved .	Working Website Database for all features requiring visitor data handling	34	14	0.41	2/3

SPRINT 1 GOAL:

The goal of this sprint is to identify all Scrum elements that will be applied in the web application, focusing on the layout, tools, and management of the project's Scrum.

Specifically, the goal of this sprint is to identify and produce the following:

- (a) **The Product / Website** to be developed, specifically its concept and content
- (b) **Scrum Artifacts**, namely the *Product Backlog* (list of features) and *Sprint Backlog* (subset/increments of the PB)
- (c) **Scrum Events**, specifically the *Sprint Planning*, *Daily Scrum*, *Sprint Review*, *Sprint Retrospective*
- (d) **Sitemap** – the blueprint of the entire website
- (e) **Wireframe** – the layout of (3) web pages in the website

SPRINT 1 BACKLOG:

User Stories	Tasks (Time Allocation)
As the website owner, I want a website that's about something I'm genuinely interested in so that I'd be managing something enjoyable and wouldn't feel tedious.	- Pick Website Concept (1 day)
As the scrum master, I want to use Agile Scrum in the development of the website so that it can be done in a responsive, realistic, and incremental approach	- Learn Scrum (2 days) - Pick Scrum Tools (half day) - Create Scrum Artifacts: Product Backlog, Sprint Backlog, and Goals (1 day) - Create Daily Scrum, Sprint Review, Sprint Retrospective Templates (1 day) - Update Daily Scrum (Daily) - Finalize Sprint 1 Review and Retrospective (1 day)
As the website owner, I want to organize and compartmentalize my website so that I can have a clear picture of the website's "flow", content, and relationships.	- Learn about Sitemaps (1 day) - Pick Sitemap Tool (half day) - Create Sitemap (1 day)
As the website owner, I want to organize and compartmentalize my website so that I can have a clear picture of the website's "flow", content, and relationships.	- Learn about Wireframes (1 day) - Pick Wireframing Tool (half day) - Create Wireframe for 3 pages (2 days)

Daily Scrum (Sprint 1)**Week No.** 1**Inclusive Dates:** 21-Mar 27-Mar

	MON	TUE	WED	THUR	FRI	SAT
<i>To Do Today:</i>		Pick Website Concept			Learn Scrum	
<i>Outcome:</i>		Chose Movies/ Series/ Anime Reviewer Website			Read Scrumguide (2020), Scrum for One by Lucidchart, crum of One by Ray Wenderlich	
<i>Issue/Problems Encountered:</i>		None			None	
Weekly Summary/ Highlights:	Chose a topic/concept for website, and learned about scrum					

Week No. 2**Inclusive Dates:** 22-Mar 28-Mar

	MON	TUE	WED	THUR	FRI	SAT
<i>To Do Today:</i>		Learn Scrum			Pick Scrum Tool	Pick Scrum Tool
<i>Outcome:</i>		Read Atlassian Agile Coach, Watched Supplemental Videos on Scrum			None	Chose Trello for Scrum Board, and Excel
<i>Issue/Problems Encountered:</i>		A few conflicting or varying approaches in Scrum			Power Outage	
Weekly Summary/ Highlights:	Learned more about scrum, picked a scrum tool (Trello was the easiest to use for Scrum Board)					

Week No. 3**Inclusive Dates:** 29-Mar 04-Apr

	MON	TUE	WED	THUR	FRI	SAT
<i>To Do Today:</i>		Create Scrum Artifacts			Create Scrum Templates	Daily Scrum
<i>Outcome:</i>		Accomplished Product Backlog, Sprint Backlog, and Goals			Templates for Daily Scrum, Sprint Review, Sprint Retrospective created. Minor adjustments made to Scrum Artifacts	Accomplish Daily Scrum report for this week and previous week
<i>Issue/Problems Encountered:</i>		Different sources have different formats in presenting scrum artifacts, followed GC instructions			While making template, decided to change the template (Table) for Scrum Artifacts	
Weekly Summary/ Highlights:	Finished Scrum artifacts and Scrum Templates, Up to date with Daily Scrum					

Week No. 4**Inclusive Dates:** 05-Apr 11-Apr

	MON	TUE	WED	THUR	FRI	SAT
<i>To Do Today:</i>		Learn Sitemap			Pick Sitemap Tool, Create Sitemap, Daily Scrum Update	Daily Scrum, Create Sitemap
<i>Outcome:</i>		Learned Sitemap - Watched YT Vids on Sitemaps			Picked Sitemap - Lucidchart as sitemapping tool. Was not able to finish sitemap and daily scrum update.	Up to date with daily scrum, Partial Sitemap
<i>Issue/Problems Encountered:</i>					Took too much time testing various sitemapping tools (Slickplan, MS Visio, PPT)	Sitemap for this website concept seems complicated
Weekly Summary/ Highlights:	Learned about sitemaps, decided to use Lucidchart as it is the most user-friendly tool (although it's not exactly a sitemapping tool but a general mapping tool)					

Week No. 5**Inclusive Dates:** 12-Apr 18-Apr

	MON	TUE	WED	THUR	FRI	SAT
<i>To Do Today:</i>		Create Sitemap			Learn Wireframe	Pick Wirefram Tool, Daily Scrum Update
<i>Outcome:</i>		Sitemap for Movie Review website done			Learn Wireframe via YT Videos	Chose Balsamiq Wireframe, Scrum update not accomplished
<i>Issue/Problems Encountered:</i>		Sitemap is very complicated (requires dynamic input which may be beynd my capacity)				Tested out Pencil and Axure. Took more time than initially estimated.
Weekly Summary/ Highlights:	Sitemap created but may need to simplify further. Learned about wireframe.					

Week No.

6

Inclusive Dates:

19-Apr

25-Apr

	MON	TUE	WED	THUR	FRI	SAT
<i>To Do Today:</i>		Create Wireframe (3 pages)	Review Website Concept		Pick Website Concept. Create sitemap. Create wireframes.	Catch Up on Daily Scrum Updates
<i>Outcome:</i>		Partially done wireframes	Decide to change website concept		Changed the Website Concept to Homegrown Mushroom Farm and Recipes Blog. Sitemap partially done.	Up to date with Daily Scrum Updates
<i>Issue/Problems Encountered:</i>		Incorporating the features I wanted for the Movie review website are indeed complicated, based on the wireframe and sitemaps alone	Website Concept : Movie Review Website is too complicated		The previous concept had to be abandoned, need to redo sitemap and wireframes	
Weekly Summary/ Highlights:	Overhaul: Changed the website concept					

Week No. 7**Inclusive Dates:** 26-Apr 02-May

	MON	TUE	WED	THUR	FRI	SAT
<i>To Do Today:</i>		Create Sitemap, Create Wireframe	Create Wireframe		Redo Scrum Artifacts	Redo Scrum Artifacts
<i>Outcome:</i>		Finalized Sitemap for new Website Concept, 1 Wireframe done (Home Page)	2 Wireframes done (Farm Gallery, Contact Me)		Partially done	Fully redone scrum artifacts --- added "choose website concept" as an actual activity/story instead of an "implied" activity.
<i>Issue/Problems Encountered:</i>		Changed wireframing tool from Pencil to Balsamiq				I needed to reflect the reason for delays, this was done by adding "website concept"
Weekly Summary/ Highlights:	Created sitemap and wirefram for new website concept. Changed tool of choice for wireframing - Balsamiq Wireframes is more intuitive.					

Week No. 8**Inclusive Dates:** 03-May 09-May

	MON	TUE	WED	THUR	FRI	SAT
<i>To Do Today:</i>		Review and redo all daily scrum updates if needed. Finalize sprint 1 review and retrospective			Finalize Scrum Docs and Videos	Finalize Scrum Docs and Videos
<i>Outcome:</i>		Up to date with daily scrum. Some templates were revised based on changes in instructions. Partially done with sprint retrospective			None	None
<i>Issue/Problems Encountered:</i>					Swabbed for possible exposure. Stayed in quarantine center for monitoring while waiting for results.	
Weekly Summary/ Highlights:	Up to date with daily scrum. Minor adjustments made.					

Week No. 9**Inclusive Dates:** 10-May 16-May

	MON	TUE	WED	THUR	FRI	SAT
<i>To Do Today:</i>		Finalize Scrum Docs and Videos	Finalize Scrum Docs and Videos		Make videos for submission	Make videos for submission
<i>Outcome:</i>		Partially done.	Done			
<i>Issue/Problems Encountered:</i>		So much findings for this sprint	Other pre-scheduled schoolwork and deadlines.			
Weekly Summary/ Highlights:						

SPRINT REVIEW (outcome of the Sprint):

Planned Sprint Items	Added/ Removed Items	Finished Items (Outcome, if any)	Allocated Time	Actual Time	Unfinished Items	Plan for Unfinished Items
Website Concept		Website Concept (Homegrown Mushroom Farm and Recipes)	1 day	2 Days (delay due to changes)	None	None
Learn Scrum		Learn Scrum	2 days	2 days		
Pick Scrum Tool		Pick Scrum Tool (Excel, Trello with Agile)	half day	1 day		
Create Scrum Artifacts		Create Scrum Artifacts (Product Backlog, Sprint Backlog, Goals)	1 day	2 days (delay due to changes)		
Create Templates for Scrum		Create Templates for Scrum	1 Day	2 Days (adjustments made due to changes in website concept)		
Update Daily Scrum		Update Daily Scrum	Regularly	Irregularly (once every week or two)		
Finalize Sprint 1 Review and Retrospective		Finalize Sprint 1 Review and Retrospective	1 Day	2 Days		
Learn Sitemap		Learn Sitemap	1 Day	1 Day		
Pick Sitemap Tool		Pick Sitemap Tool (LucidChart)	Half day	1 day		
Create Sitemap		Create Sitemap	1 Day	2 Days		
Learn Wireframe		Learn Wireframe	1 Day	1 Day		
Pick Wireframe Tool		Pick Wireframe Tool (Balsamiq Wireframes)	Half Day	1 Day		
Create Wireframe		Create Wireframe (3 Pages)	2 Days	2 Days		
	Website Building Tool	Website Building Tool (Bootstrap Studio)	Unplanned	1 Day		

SPRINT RETROSPECTIVE (*how to improve streamline*):**What Went Well:**

- a) Having a better understanding of how Agile Scrum works, and how its approach allows for flexibility and adjustments. The first sprint was filled with a lot of trial-and-error and adjustments, which would've been okay if I had the time to spare for trial-and-error.
- b) Chosen tools made tasks easier to do and manage.

Problems Encountered:

- (1) Chosen website concept was only found to be too complex midway through the sprint while drafting the sitemap and wireframe.

Details: There were a few website ideas/concepts --- CM11 Project Integration (to use our CM11 Python project, an academic tracker with grades estimator program), CM22 Project Integration (to use my CM22 Java project, an exercise routine randomizer in a fitness-tracking blog), then a Movies/Series/Anime Review and Ranking Website.

The latter was chosen, with the following functionalities: inputting series/movies and their ranking and review (similar to IMBD or RottenTomatoes), and allowing site visitors to add their own comments and ranking on movies, but this became too complex. Tried trimming it down, but even the base functionality was far too complex even just at the sitemap level. Practically wasted 4-5 weeks because of this overhaul.

- (2) So many tools available to choose from --- from the Scrum Board to the developer tools (Sitemap, Wireframe). There are tons of articles online referring VARIOUS tools, and even Quora queries on “the best tool for <insert function> in the web development” had so many answers. Both the research and the testing out of these tools ended up becoming a time trap/time waster.
- (3) Power interruption on scheduled days, got swabbed for COVID exposure

How The Problems Were Solved:

- (1) An easier website concept was chosen, but this meant that an overhaul would be done. Also, Scrum artifacts (particularly the product backlog and sprint) needed to be changed to accommodate and reflect this change --- the “website concept” was previously not included in the product backlog (and, subsequently, the sprint backlog), but this had to be added in order to properly reflect the issue and have it addressed in this sprint.
- (2) Choosing the most popular tool (or at least the one most consistently mentioned in tech sites and Quora).
- (3) Adjustment made, moved schedule

Things to Improve Upon (and Other Comments)

-Be more realistic with timeline. Original timeline not met. Decision-making should be streamlined, and time management (limiting) should be observed more strictly. Time estimations should also be adjusted to be less “optimistic” and more realistic.

-Make it easier for myself: Go simple. As a rule of thumb: try pick the simplest concept and the easiest tool, not necessarily the ones with the most features. This is, after all, more of a learning process on Web Dev than actually making a top-quality product (which was the original mindset when this project started).

-Goodbye Trello Scrum Board. I should abandon my Trello Scrum Board. Although it’s a very good tool to use, at the end of the day, I’d still be using MS Word and Excel to document the Sprint progress for submissions in this course. Although, later on, I can see how using my Trello Scrum Board (or even Jira Scrum Board, and other Agile management platforms) would work in an actual setting with an actual team.

-Too Detailed, taking too much time. Reports are too detailed/thorough, so they take too much time to do in this level of detail --- this would be ideal in a full-time web development setting but not when there are other requirements and work to do from other subjects. Shorten in future scrum.