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SPRINT 3

SPRINT GOAL:

A back-end and database are to be implemented for the front-end (html, css, javascript) of the website. This allows the site owner/admin to upload and manage the images, titles, and descriptions to be displayed to the gallery. A framework will be learnt and chosen to be used for said back-and and database.

PRODUCT BACKLOG:

User Stories	Acceptance Criteria	Story Points	Value Points	Bang for Buck
As an admin, I want to organize the different pages of the website and show their relationships	-Sitemap to be created to show the pages and where they're linked	2	34	17
As a scrum master, I want to utilize scrum to help a team create a website so that it will be done in an incremental manner	-Sprint, Product Backlog, Sprint Backlog, Review, and Retrospective	5	55	11
As a developer, I want to create a visual representation of what the website would look like for the users	-Wireframe to be created as a rough visualization of the website	3	34	11.33
As a user, I want to be able to go to the different pages the site has.	-Navigation bar created to guide users through the site	2	21	10.5
As a user, I want to be able to see the contents and artwork of the page	-Artwork gallery in the gallery page	2	13	6.5
As a developer, I want to create an appealing website that is user-interactable	-Learn HTTP/CSS/Javascript for the front-end	21	144	6.8
As a developer, I want to create a database that can manage the files to be shown on the gallery	-Database is added to store the current and upcoming artworks	21	144	6.8

*colored parts means finished in past Sprints

SPRINT BACKLOGS

User Stories	TASK	Time
As a developer, I want to create a database that can manage the files to be shown on the gallery	Learn a framework for the backend and database	2 weeks

DAILY SCRUM

Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
What did you do yesterday?	No Task	No Task	No Task	No Task	Learn about back-end and choose a framework
What will you do today?	No Task	No Task	No Task	Learn about back-end and choose a framework	Learn about django
Obstacles	None	None	None	Couldn't choose between Django or PHP	

Week 2

	Monday	Tuesday	Wednesday	Thursday	Friday
What did you do yesterday?	No Task	Choose Django and start implementing it to the backend	Study about how to add a database after finishing the backend	Implement the database and finish the site	Either find the error's solution or rebuild the backend on a new project
What will you do today?	Choose Django and start implementing it to the backend	Study about how to add a database after finishing the backend	Implement the database and finish the site	Either find the error's solution or rebuild the backend on a new project	Finish the documentation
Obstacles	There were a lot of new terms and syntaxes	Database implementation was a new topic so a lot of confusion	The entire original code didn't work	Couldn't fix the error and rebuilt the backend	None

SPRINT REVIEW:

- Learning a framework was simpler than anticipated due to Django being python based
- Django having a built-in database system saved a lot of time
- The sprint has been completed with a functional website

SPRINT RETROSPECTIVE:

Things that went well:

- Django was more familiar to understand due to using python
- The process for learning and implementing too shorter than expected
- Django having SQLite3 helped in making a database

Problems encountered:

- Choosing a framework took a whole day
- Finished product didn't work due to some syntax errors, causing a delay in the project completion

Problems were solved by:

- Weighing my options and choosing the framework that uses python
- Made a new project and retraced my steps to create the backend and database again

Things to improve:

- Implementing a system that hides the upload button to unauthorized users

- having *multiple backups* for different versions of the code in the situation where the main project stops working