Second Sprint Retrospective

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The second sprint was focussed on getting the basic functionality of the product ready. After having a few setbacks in the first sprint the main tasks of handling file upload and basic individual user data storage were pushed into this second sprint.

Completed tasks

Task	Description	Result	To improve
Homepage design	Create a visually stimulating home page	This task was carried out well, with a quality homepage design implemented	Carried out suitably
Backend and data storage	Configuration of backend routes for user data storage	Firebase is now being used for data storage. This platform has built in authentication abilities that make it perfect for protected user data storage. Users now have their own individual collections in firestore	Add routes for all types of user data storage, including links to raw files stored in firebase storage
Improved login/logout functionality	Add the ability for a website user to be in a state of logged-in/ logged-out	Firebase tokens have been implemented. Upon successful logging-in, a user is given a unique token which is then stored in their browser's cookies. This token is then needed for any data manipulation. The token will expire after one hour	Configure tokens to not expire if a user is actively using the website. Remove token from cookies after it has expired
Project upload functionality	Ability for a user to, once logged in, upload a project.	Users can now upload a project using a drag and drop feature. Projects are uploaded as a "Title", "Description" and a set of files	Add ability for users to upload files to a project after it has initially been created
Create a display projects	Create a component to showcase the	Upon visiting /projects all projects a user has uploaded can be viewed. Projects are	Add ability for a user to control the showcasing of a project, dividing the project

component	projects a user has uploaded.	rendered as cards, showing the projects title and description.	files into tiles that a user can choose a display image for as well as adding titles and descriptions.

Testing completed

Task: Register User:

Problem	**Method of testing**	**Expected result**	**Result**
Register account	Visit the register pages and input details	After registering, the correct inputted users details appear in firestore	Passed
Register an account with the same email or username	Input the same email or username as a previous user	Should return an error	Passed

Task: Login User:

Problem	**Method of testing**	**Expected result**	**Result**
Login to account	Visit the Login register page and input details	Checks for the users username in the backend and routes to the users profile	Passed
Wrong Details	Input wrong detail in the login columns	Should return an error	Passed

Task: Home Page:

Problem	**Method of testing**	**Expected result**	**Result**
Homepage button	Visit the home page before login and after login	The button should route to the register page before login and user profile after login	Passed

Task: User Profile:

Problem	**Method of testing**	**Expected result**	**Result**
Display picture upload and change	Visit the logged users profile page and edit display	Upload and picture and change it	Passed
Edit button	Clicking edit button to edit component and viewing	Changes the details to the new edited details and	Passed

	them after submitting	also updates the firebase backend	

Task: Projects:

Problem	Method of testing	Expected result	Result
Upload project	Clicking the upload project button from the navbar then creating a project	Project is created and visible on the database	Passed

Git History

☐	⑂ **Fixed package issues, added userInfo to profile page + backend improvements**		💬 1
	#40 by mileslamberti was merged on 17 Oct • Approved		
☐	⑂ **updated firebase-admin**		
	#39 by mileslamberti was closed on 17 Oct • Approved		
☐	⑂ **package-lock.json files patch**	🔴	💬 1
	#38 by mileslamberti was merged on 16 Oct • Approved		
☐	⑂ **Project backend**		
	#37 by misko2da was merged on 16 Oct • Approved		
☐	⑂ **Project backend**		💬 1
	#36 by misko2da was closed on 16 Oct • Review required		
☐	⑂ **Project backend**		
	#35 by misko2da was merged on 15 Oct • Approved		
☐	⑂ **Project backend**		💬 1
	#34 by misko2da was closed on 15 Oct • Review required		
☐	⑂ **Card context refactor**		💬 1
	#33 by mileslamberti was closed on 15 Oct • Review required		
☐	⑂ **Girish**		💬 1
	#32 by gmadnani was closed on 15 Oct • Review required		
☐	⑂ **Fixed messed up client/app.js conflict resolve**		
	#31 by mileslamberti was merged on 14 Oct • Approved		
☐	⑂ **Card context refactor**		
	#30 by Huntling94 was merged on 14 Oct • Approved		
☐	⑂ **Project backend**		
	#29 by misko2da was merged on 14 Oct • Approved		
☐	⑂ **Upload portfolio improvements**		💬 1
	#28 by Huntling94 was merged on 14 Oct • Approved		
☐	⑂ **Improved DP and aboutMe, ready to combine with Girish's profile page**		💬 1
	#27 by mileslamberti was merged on 13 Oct • Approved		
☐	⑂ **Moved all routes inside a switch statement and into app.js**		
	#26 by misko2da was merged on 13 Oct • Approved		
☐	⑂ **Moved Card components into their own folder**		💬 1
	#25 by Huntling94 was merged on 12 Oct • Approved		
☐	⑂ **Individual user routes**		
	#24 by misko2da was merged on 10 Oct • Approved		
☐	⑂ **Edit portfolio**		
	#23 by Huntling94 was merged on 10 Oct • Approved		
☐	⑂ **Edit Project**		
	#22 by Huntling94 was merged on 7 Oct • Approved		
☐	⑂ **can now get from auth route /user, with frontend implementation**		💬 1
	#21 by mileslamberti was merged on 6 Oct • Approved		
☐	⑂ **package.json**		💬 1
	#20 by gmadnani was merged on 4 Oct • Approved		
☐	⑂ **Firebase loginlogout Profile page**		💬 1
	#19 by gmadnani was merged on 1 Oct • Approved		
☐	⑂ **New Firebase backend**		💬 1
	#18 by mileslamberti was merged on 1 Oct • Approved		
☐	⑂ **Home page**		💬 1
	#17 by misko2da was merged on 24 Sep • Approved		
☐	⑂ **Login logout functionality**		💬 1
	#16 by mileslamberti was merged on 19 Sep • Approved		

Post Sprint Review

After having a difficult first sprint, it was impressive to see what our team could achieve once we had gained a foundational understanding of web development. After learning how important regular group meetings are, we persisted in arranging if not two then at least one group meeting each week on top of our regular workshop meetings. This worked to ensure that all team members had and knew what task/s had been delegated to them.

Although a lot of progress was made during this sprint many tasks, originally thought of as simpler, were highly time consuming and difficult. This led to the sprint time being extended so as to better have all tasks completed.