Criterion B: Record of tasks

Date	Action	Details	Comments/Follow up	Date Completed	Criterion
2022-08-15	Asking for project ideas	Talked about advisory generator or attendence tracker	Going with advisory generator	2022-08-15	Planning
2022-08-27	Creating git repo	Create repo on github, created linked project as well	Trying not to commit too much to main branch	2022-08-27	Planning
2022-08-28	Create backend and basic generation	Rust project, because I like it	Need to figure out what to do for frontend	2022-08-18	Developing
2022-08-29	Client Meeting #1	Discuss how to get data, my preliminary thoughts on the product design and implementation	Going to have a follow up meeting soon for design mo	2022-08-29	Planning
2022-08-29	Create basic gui	Using egui to wasm	Kinda klunky, probably will need to use an actual front	2022-08-29	Developing
2022-08-30	Create Mockups	Created high-fidelity mockups in Figma		2022-08-31	Designing
2022-09-01	Client Meeting #2	Reviewed vision for frontend and mockups	Said it looked good, could possibly be something othe	2022-09-01	Designing
2022-09-03	Add database to project	A good graph database with a library for rust	Went with neo4j, the library is 3rd party and a bit bug	2022-09-04	Developing
2022-09-04	Fix neo4rs vector problem	Unable to use vectors with neo4rs library	Found a fork, seems the library hasn't been worked or	2022-09-05	Developing
2022-09-06	Create UML for backend	Could use some software or just a whiteboard	Used whiteboard	2022-09-07	Designing
2022-09-06	Docker integration	Containerize backend and frontend	Want to use AWS ECS	2022-09-06	Implementing
2022-09-21	Switch to frontend framework	Use svelte & possibly sveltekit	Scaffolded svelte with vite, will use static instead of ss	2022-09-21	Developing
2022-09-28	Move controllers to lib in backend	Currently not seperated	Worked well, may need refactor down the line	2022-09-28	Developing
2022-11-24	Attempt to update neo4j	New major version	Library doesn't seem to work with it, not worth the ef	2022-11-24	Developing
2022-12-03	Add clear HTTP path & handler	Need to delete students every year	Easy enough, could probably refactor database code	2022-12-03	Developing
2022-12-04	Add get HTTP path & handler	Should be able to list students & teachers	Easy enough, could probably refactor database code	2022-12-04	Developing
2022-12-03	Create OpenAPI spec	Documentation is important	Need to refactor and update	2022-12-04	Designing
2023-01-05	Add auth	AWS Cognito User Pool	Easy, but didn't feel like implementing federated/sso v	2023-01-06	Implementing
2023-02-07	Update comments	Add some comments & tests to backend code	Added some comments and doc comments	2023-02-08	Testing
2023-02-08	Change sex to optional	Should have to rewrite some of the logic for quotas	Still need to refactor, this backend sucks	2023-02-08	Developing
2023-02-13	Import spreadsheet	Frontend needs to access spreadsheet	Don't like how it looks, but it works	2023-02-14	Developing
2023-02-16	Refactor backend	Can be optomized for speed and readability/maintainability	Much cleaner	2023-02-18	Developing
2023-02-21	Update dockerfile	Failing because of filestructure changes	Works again	2023-02-21	Implementing
2023-02-22	ECS setup	Containers on AWS ECS through Fargate	Connecting database to backend was kinda hard	2023-02-23	Implementing
2023-02-23	Optimize ECS pricing	Change container sizes	Much cheaper, but still expensive to run daily	2023-02-23	Implementing
2023-03-06	Add backend pair-ban logic	Needs some changes to student	Not fully tested, but preliminary tests work	2023-03-07	Developing
2022-09-28	Create dashboard	Huge & needs lots of trial and error	Lists could be better	2023-03-08	Developing
2022-09-08	Make unallocated + drag & drop	Need to be able to allocate teachers to advisories by dragging into an advisory. As a part of this, I will ne	Delayed and swapped to dialog for the time being	2023-03-20	Developing
2023-03-19	Get teachers and students specifically	Create new handlers to get teachers/students instead of generic people	Easy to implement due to the shared trait	2023-03-19	Developing