

TECHNOLOGY STUDENT ASSOCIATION WORK LOG

Date	Task	Time involved	Team member	Comments
12/8/2025	Look at competition rules, and prompt. Create work log	1 hour	BT, MC, LD	We all understand the rules and the prompt. Our work log was created using google sheets.
12/16/2025	Create storyboard including the different pages this project requires, the pages content, and the website color pallete.	1 hour	BT, MC, LD	Storyboard created, we figured out most of the pages along with their content, color palette was simple. For this project we're going to make a community site for a fictional futuristic city heavily inspired by star wars.
1/13/2026	Draw concept for main page. Create github repository.	1 hour	BT, MC, LD	Main page design was drawn onto paper, with additions the whole team agreed upon. Github repository was created, and how to use 'git' to contribute to the repository was shown to all members.
2/3/2026	Code main page. Create files for other pages	1 hour	BT, MC, LD	We chose to use the CSS framework "Tailwind CSS" which one of the members had suggested. This will be a big learning experience for the other two members who have never used Tailwind CSS. The first problem we ran into it though, is that the computers given by the school could not use NPM which was required to use tailwind. A solution was found by using our personal laptops, and one of the members using a laptop provided by one of their classes.
2/4/2026	Stylize, and create contents of navigation bar	10 minutes	MC	Just a small quick update of the navigation bar, where we created the different selections on the navigation bar, and some slight styling.
2/5/2026	Stylize main page, create content	1 hour	BT, MC, LD	Some small inclusions to the main page and styling onto it too. Actual coding additions will be rocky for a bit considering two of us need some time to figure out Tailwind CSS.
2/6/2026	Create content on main page. Create styling themes for all pages	2 hours	MC	Now put some actual content on the main page, mostly just some small placeholder stuff but will be updated later to be proper. Other files created on the 3rd were updated to use the same styling themes and navigation bar created for the main page.
2/9/2026	Add Timeline content. Create titles and icons for each page. Create a timeline concept drawing.	2 hours	MC	The actual text for the timeline page was all added but there currently is no real styling. A mockup was created to figure out what we want the timeline to look like. All pages previously didn't have a title or icon, so a icon was created based on the theming of the website, along with titles containing the title of the website and page. Actually making the icon took some time since the image is so small.
2/10/2026	Stylize events and timeline.	1 hour	BT, MC	Most of the styling for the events and timeline were created. Styling timeline to match the mockup created before was a little difficult with Tailwind CSS, so some vanilla CSS was mixed in there. Events styling looks nice
2/12/2026	Style events, forms, and complete styling timeline. Create Theme Switcher. Make editing navigation bar more bareable. Create content to references. Plan content for events and resources.	5 hours	BT, MC, LD	The events and forms page have been stylized. The events page will use a grid kind of styling where each square will be an indivual event. The styling for forms is finished but until we get the backend it won't be functional, aswell as some storyboarding will be neccessary to figure out all the required input fields. Timeline is finished styling, it looks beautiful and super close to the mockup. In the navigation bar there was an unfinished theme switcher, it is now complete with javascript and icons, it took a lot of reading of the TailwindCSS documents to figure out how to get it work. The navigation bar was previously just copied onto every page, which made editing it pretty annoying, it is now created with javascript DOM. References was previously empty, it now actually has stuff cretided like the images, software, and documents we used to create the website. Content for different events and resources was planned, implementation will come as soon as the database is figured out
2/13/2026	Style and code Resources page. Update home page. Update README.md	4 hours	MC	Resources page is finally stylized and coded, there is now a fancy javascript function to create a styled resource square thing, made super similar to the events page. A "View details" button was added to the resources page, where you can look at photos related to the resource, and other important details. It took awhile to figure that one out, mainly just the mess of getting all the different elements in the view details thing. A small subtitle was added to the home page to give it a bit more content. The README.md file in the source code was updated to give a little information about the whole project, aswell as a todo list for us to plan and figure out what to do next.
2/16/2026	Create backend. Implement backend to resources page.	3 hours	MC	A proper backend to the page was created. It is coded with python using websockets and SQLite, mainly just because thats what I know, and we're starting to feel the stress of finishing this a little bit now. It took a bit though to figure out SQLite through its docs. Implementing it to the resources page took some time. Storyboard some required inputs for the form.
2/17/2026	Update resoucre. Update form. Add password encryption to backend. Implement backend to the form. Update backend to support editing entries. Update form to implement previous task	1 hour	BT, MC, LD	Fix to the background of entries to the resources was added. The form was updated to include the storyboarded input fields. We will be using bcrypt as the encryption for the backend, once again just something one of us knew, figuring it out through python was kind of annoying, it had some weird things, but at the end of the day it was properly implemented. Editing forms was figured out and implemented into the form using url search parameters, a edit button will be needed to be added into the resources page, and events page.
2/19/2026	Add a edit button to resources page. Create a "pending" database. Create a admin page to accept/deny entries. Fix work log. Update public version of website	4 hours	BT, MC, LD	The edit button mentioned in previous log was added resources page, since all the entries are added with javascript, it was pretty easy to add. All the entries created using the forms page was redirected to the new "pending" database, a database only visible by site admins so we can accept entries to place them into the public database, or deny them and trash them forever. The way we'll do that is with a new "admin page" which requires a admin password to see pending entries and choose what to do with them. It would've gone completely fine, but I originally had some bad variable names, and it led me to accendently use the wrong variable somewhere which caused some bug that took me way to long to figure out, anyhow it works now. For the past while we've been improperly logging our work, after talking with the club advisor we have figured out the proper format and way to work on the work log.
2/23/2026	Create more entries for librarys and museums. Improve Dark theme. Improve colors in the events/resources pages.	2 hour	BT, MC, LD	Uploaded the Boruscant Library and the Sea-Haven Public Library to the resources tab in the site need to do so for the rest. The dark theme still has quite a bit more work needed, but a lot of the pages were given some dark theme support. The colors in events/resources really were a bit of an eyesore so they were muted or darkened depending on the theme.
2/25/2026	Make events page use database	2 hours	MC	Updated the events page to use the database was a really simple addition since the majority of code was able to be copied from the resources page.
2/26/2026	Update resources, Improve front page, make new github account.	4 hours	MC	The resources ended up having features that we won't implement due to time constraints, so I reverted that. while doing that I did learn that doing a for loop over an element's children while moving those children skips over some elements, so I ended up just doing a while loop instead and it worked well. The front page looked a little lacking, so I added an image, changed up some text sizes, changed some text which made it look alot better. The github account hosting the respository has a name in it, which is apparently against the rules, so theres a new github account hosting the source code.
2/27/2026	Go over project requirements, add images, update references for new images, add search and filter to resources.	2 hours	BT, MC, LD	We're very closely nearing the final date for our project, so we needed to go over the project requirements. We found that all we're missing is the search and filter in resources, and a copyright checklist. The search and filter was shockingly easy to add, and works pretty decent.
2/28/2026	Create logo, update dark mode, add rest of images to home page, update resource and event entieres. Complete copyright checklist	3 hours	MC	The nav bar just had a placeholder logo for the longest time, so we finally added a logo. None of us are really artists so making it was a little difficult but it was eventually created, and based off of the website favicon. Any input boxes wasn't updated for dark mode, so the input boxes on the form, and resources page were both updated. The home page was still missing some images, and had some images that needed to be replaces, so that was figured out. Most images were just pull from the same open domain source as other ones used, one image was pulled from Wikimedia commons, which I really should've thought of using before. Entries to be put in the resource page and events page have just been sample entieres on our local page, but one of the team members has made the content for multiple entries, so that was finally implemented onto the site. Finally the copyright checklist was done, and complete