Technology Student Association Plan of Work Log				
Date	**Task**	**Time Involved**	**Team Members Involved** (Student Initials)	**Comments**
10/15/21	Discuss theme prompt, Call to Conference	30 minutes	CK, AV, WH	
10/19/21	Research - Web Design	60 minutes	CK, AV, WH	Researched real-world websites related to the theme. Also researched other websites commonly used to examine similarities, popular practices, UI and UX design.
10/29/21	Research - Web Development	120 min	CK, AV, WH	During this time, we researched different development tools and how we are going to code as a team. Decided not to use a lot of bloatware, code in VS, and implement using GitHub.
11/3/21	Research - UI (User Interface) and UX (User Experience) practices	45 minutes	CK	Looked at a variety of things related to Ui and UX design: - Different page layouts and templates, what elements of a page fit together, how some should be separated, etc. An extension of research on 10/19/21. - Color theory: how colors evoke different feelings and reactions, what to integrate for website
11/4/21	Idea generation	60 minutes	CK, AV, WH	Developed the idea to create a virtual

				concert, or college website, including things like "virtual walk-around" (similar to a Google Maps layout), information about colleges, etc.
11/11/21	Idea feedback	60 minutes	CK, AV, WH	Asked fellow chapter peers what idea they liked better, what they thought would produce a better product Results: Most thought a virtual concert would produce a more interesting project, but several others thought the college website would be more professional and smart. We think the college idea is better and more appropriately fits the theme.
11/13/21	Idea rework	60 minutes	AV, WH	Decided some ideas for the college were too ambitious and asked too much, considering the limits of HTML, CSS, and current knowledge. Some of these ideas included: virtual walk-around, live video calls, and more.
11/18/21	Idea rework	30 minutes	CK, AV	Continued discussion about limitations and other ambitious ideas that would be difficult to integrate. Laid groundwork for what must be accomplished and what could be accomplished in the future.
11/20/21	Color picking	60 minutes	CK, AV, WH	Integrated ideas and research from 11/3/21 related to color theory, thought about what colors would be best suited for a college-searching website (e.g., how

				do we want high school students to feel when using the website, what should feel welcoming and helpful)
11/23/21	Repo make, Initial commit, Pages making	120 minutes	AV, WH	Two members decided to use github repo and github pages to host the website. Good practices like naming index.html are needed for github. We made all the files in the linux terminal and pushed using git.
12/1/21	Stock photos- picking and cropping, documentation, integration	120 minutes	AV, WH	After making the pages, photos were downloaded and uploaded into the html code of the pages. CSS was used to format it and change the look. HTMl tags were used for images.
12/6/21	Initial button set up and routing	60 minutes	AV, WH	Button set up and routing was integrated using javascript. This is a filler to get the website working and tested our ideas. This is a prototype.
12/7/21	Parallax scrolling effect and carousel.	180 minutes	AV, WH	Since we are not using any bloatware, we make everything from scratch. Parallax scrolling and the carousel was made using CSS and javascript. Carousel is an idea we had for a very long time and finally implemented.
12/12/21	Logo making	90 minutes	CK	Found it difficult to create a logo, as implementing a variety of elements into one logo quickly becomes a tedious task. At first, I believed the logo needed to

				incorporate a variety of elements, such as something that represented a college (e.g., a clocktower, a notebook), was professional, and something contemporary that fit modern styles used in the real world.
12/28/21	Rework buttons and routing	120 minutes	AV	Initially, button tags were used and javascript was used for routing. For less bloatware and more simplicity, routing was reworked to be links instead of javascript handling. This would increase the load time and speed of the web page. Routing also became easier to set up and deploy.
1/3/22	Continue logo making	90 minutes	CK	I decided that trying to include all of the previous ideas would be impossible in one simple logo. Instead, I focused on designing a logo that follows a contemporary style of simplicity. I also used Adobe Illustrator that, while I have had previous exposure to, am not as familiar with as I am with Adobe Photoshop. I wanted to use Illustrator for its vector-based graphics, allowing me to retain the logo's sharp edges and details more than with raster-based graphics (such as in Photoshop).
1/5/22	Rework photos better quality and image optimization	30 minutes	CK	Reduced the size of the graphics we have used for the website, as they take some time to load. While I originally thought

				around 1 MB per file would be small, they still loaded moderately slowly, so the files were downsized to be around .5 MB (or 500 KB). Used Photoshop to do so.
1/14/22	Research responsive design and mobile	120 minutes	CK, WH, AV	As a big part of the project, being mobile friendly and responsive was a main goal. We knew this was going to be a challenge because we were going to avoid bloatware. We initially started with CSS changes and brainstormed ideas about how we were going to have a mobile version.
1/15/22	Restructure pages to help responsiveness.	120 minutes	AV, WH	The sizes of everything were initially set in the pages. WE changed the sizes to make it more friendly and help with responsiveness. Wrote some javascript to help with responsiveness.
1/16/22	Continue responsive	180 minutes	AV, WH	Making responsive design without any bloatware is a challenge we took on. This gave us many difficulties and was very tough to implement correctly.
1/20/22	Code breaks unexpectedly	120 minutes	CK, AV, WH	We decided to meet up and continue to work on the website. When the website reloaded, the code broke and we had multiple errors that needed to be fixed. Javascript had stopped working entirely.
1/27/22	Restructure code and fix errors/debug	150 minutes	AV, WH	Continued fixing javascript but seemed to fail all the time. We fixed the javascript

				for the carousel but the responsiveness did not want to work with us.
1/29/22	Code malfunction errors, 404, and more. Fix errors	720 minutes	CK, AV, WH	Routing had failed because files were moved around so we kept getting 404 errors, which we knew how to fix. Continued debugging and fixing javascript. The logic was wrong entirely and would break because of it. Attempted to fix it.

Student Initials: CK, AV, WH

Advisor Name: Kent Allison, Katie Allison

Advisor Signature: *Katie Allison*