**Personal Project Proposal**

**Yukiko Nii**

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| Choose a research topic that you want to explore. | Programming/website development |
| What will your learning goal be? | My goal is to learn the fundamentals of JavaScript and its application in web-development. I will also learn how to create a successful website by researching components of website/web applications and. I will then apply skills in Javascript that I acquired through the course as well as my research in website creation and my HTML/CSS skills to create an aesthetically pleasing and functionable online dashboard targeted for upper school students to help them manage their time and tasks. |
| Describe how your learning goal is linked to your personal interests. | My learning goal is linked to my personal interests because coding is something that I am very interested in and something that I have always wanted to spend time on. What sparked my interest in coding was the MYP project in 7th grade in which we had to make a language learning game on Scratch. At that time I was astonished by the fact that we could make such a complex program by simply arranging the blocks. Since then I have been doing a few projects on Scratch and with HTML/CSS, and although some required a great time and persistence to complete, I have always found joy in finding solutions to the problems that I faced and creating something of my own. While doing the projects, I also realized that there are so many things that I can’t make due to my lack of knowledge. So, I always wanted to learn a new programming language to be able to make something that’s more complicated and exciting, and I thought that the personal project was a great opportunity to achieve that goal.  I might not enjoy some parts of the learning process, but I am confident that the topic of programming will keep me interested throughout this project. I also believe that achieving the learning goal will make me even more interested in programing as it will open up the possibilities of websites and programs that I could create. |
| What will your product be? | I will create online dashboard that helps the users with self-management. It will be somewhat similar to the dashboard that was on the Mac(removed from the newest Mac), and will be a combination of different programs such as a To-Do list and stopwatch. The website will save the data that the user enters by using local storage, which will allow the users to open and close the website at any time. The website will be organized by HTML and styled by CSS and should be aesthetically pleasing and easy to use. The product will be targeted for upper school students. |
| What impact will your project have on your learning? | Skills:  Learning programming will help improve a wide range of non-tech skills, such as logic, problem-solving skills, communication skills, abstract thinking and resilience(Yeung, 2018). For example, I know from my own experience of coding that resilience is important in coding, because it takes an extremely long time to find a bug, try different codes and find the right solution. These skills are essential in all of the subjects at school, and will help me learn more effectively and have higher academic achievements. For instance, by improving my communication skills, I will be able to communicate with the teachers and ask questions when needed, and will help me understand the concepts I learn in class better. Logic is important in some subjects like mathematics, and resilience will help me deal with failures that I face through my learning. |