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## Section 1

The capstone project that I made was a mounted desk for the staff bathroom on the sixth floor. Originally *was going to create a website for postgraduate students to always stay in touch after high school, after talking to my mentor Mr.Kamal we both decided it was not enough time to get the project done in time because creating a website with the things I wanted in it wasn't possible unless I knew how to code a website but learning how to code in of itself takes 80 hours to learn. So me and Mr.Kamal walked around the school to see if there was anything for me to contribute to the school. Until we walked into the staff bathroom. The bathroom was pretty big but empty, there were two sprays to clean the air, and baby wipes with two chairs for it. It came to me that the bathroom felt empty so I suggested to Mr.Kamal maybe a desk fill up the bathroom so all the teachers can place their needs on the desk.*

*My capstone addresses the SLA core values by having people ask me what it is I'm building. Having that question be asked to me creates spark into other people's way of thinking when it comes to hands -on. The research part of this capstone was a lot. I had to teach myself how to use all the machinery in the wood shop by asking questions constantly. Thats one thing I wasn't afraid of was asking questions or asking for help because I enjoyed what I was doing a lot and it gave me more information about wood work. Having the desk being built means the collaboration of the teachers using the desk for the use is the collaboration. For my desk I sanded the desk down and made a few cuts to it so it can have some design so when people see it, it looks presentable to the eye. Anyone who looks at the desk or uses it can reflect on how the use of the table was useful but the reflection I had with the entire project itself was a lot.*

*I reflected on how I wasn't scared to ask for help or how I took my time to make it well presented so it doesn't look like it's just wood on a wall either.*

## *Section 2*

*I'm going to summarize the steps in a simple manner because my slide show goes into detail on every step I did on building this desk. My first step was generating ideas on how I want to build this desk. I drew out different ideas on how I could do it and showed Mr. Kamal. We talked about all the ideas and we chose the best one and talked about the details on how we can build it. Once planned out all the details on how it's going to get mounted to the wall, what types of screws we would use, the size of the table, the size of the wood, the ways we would cut and the locations of where the screws would go. After the planning I began to build. I grabbed the table wood from the 5 floor closest and brought it upstairs to the wood shop. Then set up the line on where to cut it. I cut the wood to the measurements. Once I did that I grabbed two by four wood and cut it to the sizes on the length and width of the desk. To make sure the desk wood would fit into the corner of the bathroom I brought it to the bathroom and lifted it to the wall. The 90 degree angle of the corner of the wood didn't fit exactly into the wall so I asked around and researched what one would do in this situation. I found that rounding the corner of the wood would have it fit better into the corner. So I grabbed a sanding machine and sanded the corner of the desk. Brought the wood back into the bathroom again to see if it would fit and it did. Once that was done I moved on to the next step which was to figure out how high I wanted the desk to see where to put the 2x4 woods into the wall. I marked the spots on where to mount the 2x4 woods. So I began to pre drill holes into the wood so the screws can go in easier. After spending hours of measuring and pre drilling holes into the wood, it was time to pre drill holes into the cement wall. Since the wall was cement you can use a regular drill. I found out the hard way because I tried to use a regular drill into the wall but it took way too long, so I asked for some*

*help from Mr. Kamal on what machine I could use to drill into the wall faster. He told me the Hammer drill was the best for my situation. So I grabbed extension cords and brought it to the bathroom and began drilling again. After multiple hours of work I asked and researched all types of screws that would go through both the pre drill holes of the wood and the cement wall, I found that blue screws worked best because they had thread at the end of the screw but smooth all throughout the middle of the screw. I drilled into the 2x4 then the wall and mounted the supports of the desk. I'm halfway done with my process. Then the rest was easy. I sanded down the desk so it can be smooth for anyone that touches it and screwed it into the support beams.*

*Having this said I went through a lot of struggles. Some of them were just learning how to cut the wood, measuring it to the wall and making sure it was level to the wall, and also figuring out what tools to use during this entire project. Those were all the resources I used to complete my capstone.*

### *Section 3*

*I'm most proud of learning that I have a big interest in wood work. I've struggled to find what I like throughout the years and It seems like hands on work is fun to me so even tho I struggled a lot during it I was enjoying learning how to use everything,*

*If I could do this capstone over again I would have gone straight into something dealing with hands-on work because that's something I'm really interested in now. But when it comes to talking about the project I would have done more research on what I needed to prepare myself when it came time to build so I wouldn't have had to struggle so much.*

*I made SLA a better place because this proves that even if you struggle you can still manage to always ask for help when needed and take something from that and learn from it. And being able to reflect back to it and see how it changes you as a human and the interest you have.*