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**Q1)**

Design thinking is a defined process made to streamline and improve the process of creating projects. After the initial stages the project will be much better understood, with each team member understanding the project's predicted user base. The ensuing prototyping stage will immediately be much closer to the ideal, allowing fewer design iterations and more effective results.

**Q2)**

Thankfully, several other required courses have already thoughtfully pounded the concept of design thinking into our tiny brains. Because of this, the process the team has undertaken so far has many similarities. The instant the team received the full project description, we began brainstorming what our target user base would be, and how they would use the table. We decided on some things the users would want to be able to do, and then brainstormed solutions.

We are now on stage four, of which progress is halted until we finish reporting our progress.

**Q3)**

I do think design thinking will be useful to me as an engineer, as it is a process that has been specifically made to help engineers. I will be able to use its designs for a streamlined project workflow to streamline my future project workflows. I have found that following the steps laid out allow for a quicker project completion, and have no reason to believe this will cease to be the case.

**Q4)**

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| **Empathize**<br>Understand the end user base, put yourself in their shoes. | **Analyze**<br>Brainstorm problems the users may run into. | **Plan**<br>Brainstorm solutions to problems users face. |
| **Test**<br>Test for functionality, and for potential improvements. | **Prototype**<br>Build the next version of the proposed solutions. | **Refine**<br>Refine the solutions to remove redundancies. |