For this engineering proposal, it had multiple parts and involved a lot of teamwork. For instance, as a team we had to develop and research a product that would be beneficial towards sustainability. In our case, we believed that New York could still improve in trying to reduce the usage of electricity, especially since it is one of the biggest cities in America. We decided to make a smart thermostat that would be connected to motion sensors that would be placed in every room of the house, to sense whether an individual has entered a room. We went through multiple trials and errors and things we were missing to the abstract or engineering proposal. However, we got approved and we started to do research and various tasks to complete the project.

In my case, the parts I oversaw were Mechanisms and Processes, proposed technical Approach, background, architecture design, most of the figures and testing. There were also parts that were needed by every member of the group to contribute to the website and did some of the slides for part 2 section. Mostly focusing on the paper but was able to go from different media to complete my work. While my group mates also did their parts, Raeesah Iram did almost all the aspects of the website, designed the company logo and edited bits of our writing. Nusayba Ahmed was mostly focused on slides but helped a lot with the paper, in part of introduction like problem statement and objective, requirement section and costs. Kymani Beckford volunteered to do his parts, the other half of introduction, needs statement, table of schedule, measure of success, parts of slides and website.

In engineering communication between team mates are necessary in order to have a successful outcome. We all communicated what parts we will be working on and that way we each could do one part of the project that will help the overall project. Team work is necessary, for a project like this, their was multiple aspects to this project like the presentation, slides, website and paper, that had to be done in a group. On in another note, rhetorical elements were present in this project, such as audience, we were trying to get approval/support through the the two government agencies and three people in these departments. The project buildings are controlled by the New York City Housing Authority and would need the help of two people of this department, Lisa Bova-Hiatt, Interim Chief Executive Officer of the New York City Housing Authority and Vlada Kenniff, Senior Vice President for Sustainability in NYCHA’s Asset and Capital Management Division to proceed with testing.that are in charge of developing. While also the New York State Energy Research and Development Authority (NYSERDA), with the approval of the head of the department, Doreen M. Harris. Making our purpose to convince these departments to give us access/support through funding, gaining access to their project buildings in the Bronx to start testing our product the Smart Heat. However, the medium were multiple since it changed from, oral presentation to a paper, which still would have the same purpose of trying to convince the audience. Their was also a stance, we were all for sustainable tech, in order to reduce the effects of climate change determined to get approval towards our topic, since our cause is one that a lot of engineers have. With this engineering proposal, genre still has a purpose to convince the audience, with a tech description and lots of research to prove to the audience, that the team knows what they are talking about. As climate change is considered one of the biggest issues today, it’s compelling to do something about this issue , especially with ideas that could have the potential to help. The over consumption of natural resources like fossil fuels, cause a big city like New York to produce large amounts of carbon and lead to climate change, effecting the future of the plant. If there is a chance to solve the problem, then we will write about, in order to spread awareness.

Lastly, in this engineering proposal we had to work in multi media, giving me experience in working as a team of a company even if it wasn’t a real company. Having a website where we created a company name, logo and even bio of ourselves for people to read was a real thing as engineers will do in our future careers. I also felt that the research aspect of our proposal was vital to the proposal and since we were sort of creating a product that doesn’t exist and will need to do the research to make the product and inform others on how it works. However the time we had to do this proposal went by fast, probably be better if we had an extra class to do this, but by having it due on May 2, did make us get this done soon as possible, instead of later.