Project Deliverable E: Project Schedule and Cost
GNG 1103 – Engineering Design
Faculty of Engineering – University of Ottawa

Group 20
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Below is a table which consists of the basic schedule of our team which will allow us to complete all 3 prototypes within the time frame allocated for this project.

Start Date	End Date	Task	Cost
20/02/18	04/03/18	Develop Prototype 1	<10$
26/02/18	04/03/18	Customer Feedback for Prototype 1	N/A
20/02/18	04/03/18	Analyze Prototype 1 (Pros & Cons)	N/A
04/03/18	11/03/18	Develop Prototype 2 based on feedback and pros and cons of prototype 1	<40$
04/03/18	11/03/18	Customer Feedback for Prototype 2	N/A
04/03/18	11/03/18	Analyze Prototype 2 (Pros & Cons)	N/A
11/03/18	25/03/18	Develop Prototype 3 based on feedback and pros and cons of prototype 2 and 1	<50$
11/03/18	25/03/18	Customer Feedback for Prototype 3	N/A
11/03/18	25/03/18	Testing of Prototype 3	N/A

For the first prototype we will all work on it together using basic materials that can be obtained for free (things found around the house) or at a very minimal cost. While developing this prototype we will also note the pros and cons of the prototype to determine what must be improved going further into the project. We will also receive customer feedback to ensure we meet all the needs and desires of our client. We shall also do a simple analysis of the prototype to make sure that the concept will function as desired when we move onto a more complex and detailed prototype.

For the second prototype we will once again all work on it as a team to improve and build upon our first prototype. We will make a more complex and functional version of our subsystem using better material with an envisioned budget of less than 40$. Once again we will analyze the prototype to determine what must be improved and what must not (pros and cons). We will also once again obtain feedback from the client to ensure we are on the right track. At this point we will attempt a simple test to ensure that the concept will be functional and that our final prototype will work properly.

For the third and final prototype we will utilise the best materials we can get our hands on using the remaining money we have (out of a total of 100$). We will build upon our previous prototypes to create our final functional one. This prototype will fulfill all of our customer’s needs but we will ask for the client’s feedback nevertheless.We will test the prototype to make sure it fully works and that it can be implemented onto Bowie. This will be the most comprehensive prototype of the three that will be produced. In the end we should have used a maximum of 100$.