**PROJECT DISTRIBUTION PLAN**

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| **TASKS** | **PERSON RESPONSIBLE** | **DURATION(ESTIMATION) TIME** |
| Task 1 | Mateusz | 1-2 weeks |
| Task 2 | Mateusz | 1 week |
| Task 3 | Shirwa | 1 week |
| Task 4 | All | After the first three tasks are complete |
| Task 5 | Shirwa and Ancila | 3- 4 weeks |
| Project Management | Ancila | Throughout the whole project |
| Document write up | All | When the project is complete |

**TASK 1**

This task involves editing the control platform module so that instead of getting input values from the keyboard, we pass the values from our monitor script. Also save the assigned values somewhere in a file so that they can be later used for the comparison with the real sensor values.

Also do the same for the output module which is involved with the actuator lengths, so instead of getting the lengths straight from the keyboard, we pass the values to the output module from our monitor script

**TASK 2**

Within our monitor script we need to call the enable function to start up the roller coaster and also, we need to call the service function that is used to set the interval time it takes before each incoming data can be received by the system. Also, we need to call the move event function to make the roller coaster start moving.

**TASK 3**

Create a test script that is used to generate sensor values and save them which will be used to compare with the assigned values for the actuator lengths and angles. This will just be used a s tester before we can get the real sensor readings.

**Task 4**

This part will be done after we can get the system running, then we take the two sets of data saved and compare them and display out the results.

**Task 5**

This is getting the actual sensors working and sensor server so that we can get the actual readings of the angles and actuator lengths from the roller coaster and compare them we the assigned lengths and angles which were used to move the roller coaster.

**Project plan information**

As seen from the table above that there are different tasks to be done and each task is assigned to an individual person. The duration for each task for now is hard to specify but we tend to meet up every week and see the progress of each person.