

WEEKLY REPORT

<i>Group name : MAY2014-07</i>	<i>Date: November 11, 2013</i>
<i>Client/Adviser: Dr. Daniels</i>	
<i>Attendees/Role</i> <i>Arielle Czalbowski/Communicator</i> <i>Piriya Hall/Project Manager</i> <i>Albert Kurniawan/Analyst</i> <i>Wanting Zhao/Systems</i>	

ACCOMPLISHMENTS FOR PAST WEEK

<i>WHAT</i>	<i>WHO</i>	<i>WHEN</i>
<i>We were able to obtain local administrative privileges on the machine that we were assigned, so we no longer have to worry about using Ubuntu to interface with the software.</i>	<i>Arielle, Piriya</i>	<i>11/4</i>
<i>We finished writing the design document, and have checked it over for accuracy and made sure that it fit with our project goals.</i>	<i>Arielle, Piriya</i>	<i>11/6</i>
<i>We have been able to thoroughly examine the code and have been able to understand how it interfaces with the Arduino, helping us to further think over the prototype calibration program that we need to write.</i>	<i>Alber</i>	<i>11/3</i>

PLAN FOR COMING WEEK/INDIVIDUAL TASKS

<i>WHAT</i>	<i>WHO</i>	<i>WHEN</i>
<i>Work on getting website together for project and uploading documents to it to showcase what we are planning to do and what we have done in our project, work on project plan revisions.</i>	<i>Arielle</i>	<i>11/18</i>
<i>Obtain the code from our professor to open COM ports so that we can open communication between the software on our computer and the hardware for the printer; send Wanting information on what we have been doing.</i>	<i>Piriya</i>	<i>11/18</i>
<i>Write pseudocode for calibration program so that, when our</i>	<i>Albert</i>	<i>11/18</i>

<i>problems are resolved, we have an idea immediately of how to begin coding the calibration.</i>		
<i>Catch up on what we have discussed, since she is currently in China and will not be with us for approximately a week.</i>	<i>Wanting</i>	<i>11/18</i>

PENDING ISSUE

<i>ISSUE</i>	<i>RESPONSIBILITY</i>
<i>We cannot currently hook up the 3D printer to the computer to attempt any sort of communication, because the desktop computer we are using is on the other side of the lab from the printer, and the cart that the printer is on does not have any wheels and is very heavy, so we cannot move the printer towards the computer to connect it without damaging the floor, the printer, or other equipment.</i>	<i>Piriya to communicate with Team 06 to resolve the problem.</i>
<i>We, as well as Team 06, are concerned that the Z axis will not even be able to move up the way that it is mounted due to the fact that the arm is very heavy, and the way that the Z axis arm intersects with the X axis arm places weight in a way that may prevent us from being able to utilize the Z axis at all.</i>	<i>Piriya to communicate with Team 06 and our advisor to resolve the problem.</i>
<i>We are concerned about printing 3D objects in the future because if we maximize print area, the Z axis arm will either fall onto the project and ruin it when it is done, or stay up and use a lot of unnecessary power in order to prevent it from crushing the print job. We may need to adjust our algorithm to reduce area.</i>	<i>Piriya, Arielle, Albert, Wanting</i>

INDIVIDUAL HOURLY CONTRIBUTION

<i>NAME</i>	<i>HOURS</i>	<i>HOURLY BREAKDOWN</i>
<i>Arielle</i>	<i>5</i>	<i>2 (meetings), 2 (Design Document finalization), 1 (Communication work)</i>
<i>Piriya</i>	<i>5</i>	<i>2 (meetings), 1 (Communication work), 2 (Design Document revisions)</i>
<i>Albert</i>	<i>5</i>	<i>2 (meetings), 3 (research)</i>

<i>Wanting</i>	<i>3-4?</i>	<i>Wanting has not attended our meeting since she is in China. Based on what she has intended to do, she likely has 3-4 hours of research and code examination. However, she will not be in the United States for approximately a week.</i>
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