

WEEKLY REPORT

<i>Group name : MAY2014-07</i>	<i>Date: October 21, 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>Found the source code for RepRap, which is open source software and hardware for the construction of 3D printers.</i>	<i>Piriya</i>	<i>10/16</i>
<i>Created a document containing standard operating procedure for starting project and interfacing Arduino to software; necessary due to complexity of steps.</i>	<i>Piriya, Arielle, Albert</i>	<i>10/17</i>
<i>Designed and began implementation and testing of program for 3D printer calibration.</i>	<i>Piriya, Arielle, Albert</i>	<i>10/19</i>

PLAN FOR COMING WEEK/INDIVIDUAL TASKS

<i>WHAT</i>	<i>WHO</i>	<i>WHEN</i>
<i>Edit and finalize Design Document; edit instructions for plugging 3D printer into OS; seek feedback from client in order to ensure specifications are correct, work with Team 06 to make sure calibration program is functional.</i>	<i>Arielle</i>	<i>10/20</i>
<i>Finish the initial design for the Design Document; work on writing instructions for plugging the 3D printer into the machine and uploading code so the 3D printer is usable, work with Team 06 to make sure calibration program is functional.</i>	<i>Piriya</i>	<i>10/20</i>
<i>Assist in testing 3D printing software and work through debugging process to ensure calibration program meets</i>	<i>Albert</i>	<i>10/20</i>

<i>Team 06's needs.</i>		
<i>Assist in testing 3D printing software and working through debugging process to ensure calibration program meets Team 06's needs.</i>	<i>Wanting</i>	<i>10/20</i>

PENDING ISSUE

<i>ISSUE</i>	<i>RESPONSIBILITY</i>
<i>The desk that we are using has some distance from where our 3D printer is located, and in order to plug the printer into the machine, we will have to move the 3D printer into the aisle of the already small lab, which impedes movement greatly. We may have to adjust our hours or invest in a longer USB cable.</i>	<i>Piriya (look into alternatives)</i>
<i>We are having trouble communicating between the desktop and the Arduino unless the user is an administrator, which causes issues in connecting. We can log in as a local administrator, but we cannot log in with our accounts.</i>	<i>Piriya (Talk to network administrators to attempt to find solution)</i>
<i>We will not have a cart that can hold the weight of our printer for another two weeks, so we will not have full mobility of the arms, since moving the 3D printer too far one way will cause it to tip.</i>	<i>Team 06 (They are building a cart in the shop in two weeks)</i>

INDIVIDUAL HOURLY CONTRIBUTION

<i>NAME</i>	<i>HOURS</i>	<i>HOURLY BREAKDOWN</i>
<i>Arielle</i>	<i>5.5</i>	<i>2 (meetings), 1 (documentation), 2 (program design and implementation), 0.5 (requirements/coding review)</i>
<i>Piriya</i>	<i>6</i>	<i>2 (meetings), 1 (documentation), 0.5 (tutorial exploration), 0.5 (Initial coding attempt), 2 (program design and implementation)</i>
<i>Albert</i>	<i>5</i>	<i>2 (meetings), 2 (program design and implementation), 0.5 (code review), 0.5 (tutorial exploration)</i>
<i>Wanting</i>	<i>1-3?</i>	<i>1 (meetings) 2 (research?) Wanting was not here this week due to health problems.</i>