

WEEKLY REPORT

<i>Group name : MAY2014-07</i>	<i>Date: October 14, 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 have determined a test plan for determining whether our printer program works: we will use a marker in order to determine if our printer is printing as needed and test calibration.</i>	<i>Piriya, Team 06's leader</i>	<i>10/10</i>
<i>We have two sources that we may utilize in order to begin examining how to move the 3D printer in a basic shape so that Team 06 can begin calibration.</i>	<i>Piriya</i>	<i>10/10</i>
<i>We have begun to devise an algorithm in order to devise a method to move the 3D printer through continuous automation rather than moving the X, Y, and Z axes independently through user input.</i>	<i>Arielle, Piriya, Albert, Wanting</i>	<i>10/08</i>

PLAN FOR COMING WEEK/INDIVIDUAL TASKS

<i>WHAT</i>	<i>WHO</i>	<i>WHEN</i>
<i>Look through the provided code and examine the nuances of the Access class, and see how it is used and come to a decision whether it will be needed in the final product.</i>	<i>Arielle</i>	<i>10/17</i>
<i>Once the Reprap source code is discovered, look over the source code to determine a method to utilize the 3D printer.</i>	<i>Piriya</i>	<i>10/17</i>
<i>Continue to research Arduino scripting as well as look over the source code that we are given, and determine if we can do programming directly to the Arduino.</i>	<i>Albert</i>	<i>10/17</i>

<i>Determine the meanings of the errors, since they are currently numbers, and turn them into words so that errors are printed in English rather than referring to a number.</i>	Wanting	10/17
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PENDING ISSUE

<i>ISSUE</i>	<i>RESPONSIBILITY</i>
<i>We do not currently have a computer in the senior design room; we need to arrange to have a desktop computer in the lab so that we have access to the code for our project.</i>	Piriya
<i>We are currently unsure if we have enough money for our budget. We have a lot of items that we need to purchase, including an extruder, nozzles, plastic and gel to print with, and potentially a new cart to put the printer on. We only have \$400 of guaranteed funds, and proceeding with some hardware may be difficult unless we can guarantee other funding sources.</i>	Piriya, Team 06's leader
<i>We cannot find the source code for the Reprap stack, which is one of the software stacks that we are looking at for utilizing the 3D printer's mechanisms. We need to find where we can get the souce code for it.</i>	Arielle, Piriya, Albert, Wanting
<i>Progress in our project has been slow, since there has been a lot of hang-ups in regards to getting the 3D printer code to work, having adequate access to the 3D printer, and currently, not even having a computer to work on, has hindered our progress. In the beginning of the project, we were unable to access the printer or its code at all without professor supervision due to its location, and the code that we were to build off of was initially not in working condition, and we were told to wait while it was fixed. Now, although we have access to it, we cannot code on it since we do not have a machine to interface with the printer. We have done quite a bit of research, but we feel that we cannot do much more pertinent work at this time until we are able to access the code ourselves and produce results on the printer. We do not feel that our project output will be significantly affected by these delays; however, due to this, we have found it difficult to put in a large amount of hours towards the project at this time.</i>	Arielle, Piriya, Albert, Wanting

INDIVIDUAL HOURLY CONTRIBUTION

<u>NAME</u>	<u>HOURS</u>	<u>HOURLY BREAKDOWN</u>
<i>Arielle</i>	2	<i>Meetings and planning (2)</i>
<i>Piriya</i>	2 1/2	<i>Meetings and planning (2 ½)</i>
<i>Albert</i>	2	<i>Meetings and planning (2)</i>
<i>Wanting</i>	2	<i>Meetings and planning (2)</i>