

## Project Status Report – Week #12

2018-07-23

**Project Name:** ELEVATOR PROJECT

**Team Members:** Alexander Bradley, Jeffrey English, Michael Wright

**Project Overall Status:** GREEN

### Status Overview:

Activity Title with start date and also planned completion date and name of responsible team member	Status (Last Week) G/Y/R	Status (This Week)		Plan (Next Week)
		Plan (as planned last week for this week)	Actual Green/Yellow/Red	
<ul style="list-style-type: none"> <li>– Set up Git and GitHub accounts – All</li> <li>– Create website with GitHub – Jeff</li> <li>– Create Gantt Chart – Jeff</li> <li>– Test Elevator functionality with PuTTY and website controls – Alex, Mike</li> <li>– Test Axman with P-CAN – Mike</li> <li>– Test Proj IV board with P-CAN – Mike</li> <li>– Create and update HTML logbooks within Project Website - All</li> </ul>	NA	NA	Green	<ul style="list-style-type: none"> <li>– Configure receiving end for CAN nodes on Axman – Alex</li> <li>– Program logic for CAN nodes – Alex, Mike</li> <li>– Set up HW for floors and elevator (lights, buttons, etc) - Alex, Jeff</li> <li>– Continue working on HTML website – Jeff</li> <li>– Keep code up to date with GitHub – All</li> <li>– Update HTML logbooks - All</li> </ul>
<ul style="list-style-type: none"> <li>– Design one floor node – Alex, Mike</li> <li>– Copy floor node program onto all with different IDs – Alex, Mike</li> <li>– Style website with CSS – Jeff</li> <li>– Finish Gantt chart on website - Jeff</li> <li>– Set up Axman with buttons and lights for the floor nodes – Alex</li> <li>– Update log books - All</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Configure receiving end for CAN nodes on Axman</li> <li>– Program logic for CAN nodes</li> <li>– Set up HW for floors and elevator (lights, buttons, etc)</li> <li>– Continue working on HTML website</li> <li>– Keep code up to date with GitHub</li> <li>– Update HTML logbooks</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Build elevator node – Alex, Mike</li> <li>– Update Pi receiving program – Mike</li> <li>– Start working on data repository – Jeff</li> <li>– Start user interface for remote control – Alex, Jeff</li> </ul>

<ul style="list-style-type: none"> <li>– Complete elevator node – Alex, Mike</li> <li>– Update Pi to disable / enable on open / close command – Alex</li> <li>– Start working on MYSQL – Jeff</li> <li>– Start user interface for remote control – Alex, Jeff (scrapped)</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Build elevator node – Alex, Mike</li> <li>– Update Pi receiving program – Mike</li> <li>– Start working on data repository – Jeff</li> <li>– Start user interface for remote control – Alex, Jeff</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Create repository for logging information - Jeff</li> <li>– Work on linking database to pi with either c++ or python – Jeff</li> <li>– Finish anything that isn't done with the elevator CAN – Alex, Mike</li> <li>– Begin design for user interface on website – Alex, Mike</li> </ul>
<ul style="list-style-type: none"> <li>– Create repository for logging information (Basics with Request Access page) – Jeff</li> <li>– Finish CAN – Alex, Mike</li> <li>– Begin design for user interface on website – Alex, Mike</li> <li>– Add JS to website – Jeff</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Create repository for logging information - Jeff</li> <li>– Work on linking database to pi with either c++ or python – Jeff</li> <li>– Finish anything that isn't done with the elevator CAN – Alex, Mike</li> <li>– Begin design for user interface on website – Alex, Mike</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Add more to project website (Bootstrap, more JS, PHP) – All</li> <li>– Link Pi information with website – Jeff</li> <li>– Determine what information should be displayed within the diagnostic program – Alex, Mike</li> <li>– Learn and implement AJAX for the data server - All</li> </ul>
<ul style="list-style-type: none"> <li>– Add more to project website (Bootstrap, more JS, PHP) – Alex</li> <li>– Prepare for elevator page – Jeff</li> <li>– Convert pages from html to php for navbar purposes – Alex</li> <li>– Created database for elevator node - Jeff</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Add more to project website (Bootstrap, more JS, PHP) – All</li> <li>– Link Pi information with website – Jeff</li> <li>– Determine what information should be displayed within the diagnostic program – Alex, Mike</li> <li>– Learn and implement AJAX for the data server - All</li> </ul>	Green	<ul style="list-style-type: none"> <li>– User interface for logging and control – Alex</li> <li>– Authentication process for log-in – Mike</li> <li>– Start data tracking of Pi information on website (maybe) – Jeff</li> <li>– Provide test information - All</li> </ul>
<ul style="list-style-type: none"> <li>– User interfaces for logging and control – Alex</li> <li>– Authentication process for log-in – Mike</li> <li>– Sessions for access to certain parts on the site – Alex, Mike</li> <li>– Add database control for elevator (test) to website – Jeff</li> <li>– Provide test information – All</li> </ul>	Green	<ul style="list-style-type: none"> <li>– User interface for logging and control – Alex</li> <li>– Authentication process for log-in – Mike</li> <li>– Start data tracking of Pi information on website (maybe) – Jeff</li> <li>– Provide test information - All</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Create and update database connected to Pi for control of CAN – Jeff</li> <li>– Update elevator logic on Pi – Alex, Mike</li> <li>– Connect website with Pi – All</li> <li>– Provide test information – All</li> </ul>

<ul style="list-style-type: none"> <li>– Create and update database connected to Pi for control of CAN – Jeff</li> <li>– Update elevator logic on Pi – Alex, Mike</li> <li>– Connect website with Pi – All</li> <li>– Provide test information – All</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Update website with sessions for the elevator control – Alex, Mike</li> <li>– Use JSON for user sign in – Mike</li> <li>– Update elevator control page to make a little cleaner – Alex, Jeff</li> <li>– Provide test information - All</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Add more database functionality to website – Alex</li> <li>– Start working on python code for CAN control – Jeff</li> </ul>
<ul style="list-style-type: none"> <li>– Add more database functionality to website – Alex</li> <li>– Start working on python code for CAN control – Jeff</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Added new functionality of CAN control with python code – Jeff</li> <li>– Update req_access database page to be able to delete from the website – Alex</li> <li>– Update JSON file to read / write proper information - Mike</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Create database for using as a queue – Jeff</li> <li>– Read from CAN to queue. Then read queue and push to CAN – Jeff</li> <li>– Integrate website control with the actual elevator – Alex</li> </ul>
<ul style="list-style-type: none"> <li>– Create database for using as a queue – Jeff</li> <li>– Read from CAN to queue. Then read queue and push to CAN – Jeff</li> <li>– Integrate website control with the actual elevator – Alex</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Database for queue able to put read into and read from – Jeff</li> <li>– Queue able to be updated from elevator control section of website – Alex</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Clean up python code with Objects – Jeff</li> <li>– Add queue to elevator control page – Jeff, Alex</li> <li>– Have registered users be a different session than non-registered – Mike</li> <li>– Delete functionality update - Mike</li> </ul>
<ul style="list-style-type: none"> <li>– Clean up python code with Objects – Jeff</li> <li>– Add queue to elevator control page – Jeff, Alex</li> <li>– Have registered users be a different session than non-registered – Mike</li> <li>– Delete functionality update - Mike</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Python code made neater and added comments to each section – Jeff</li> <li>– Queue added to website with AJAX to update in real time – Jeff</li> <li>– Add queue to a table to look neater – Alex</li> <li>– Update authentication and fix bugs - Mike</li> </ul>	Green	<ul style="list-style-type: none"> <li>– Add more CAN information to the website for testing purposes – Alex</li> <li>– Update code within the website with OOP for assignment purposes - All</li> </ul>