

May1733

Remote Wafer Testing

IBM, Geiger

Antonio Montoya, Team Leader

Braden Rosengren: Hardware Lead

Chris Little: Key Concept Holder

Christian Hurst: Web Master

Ben Wiggins: Communications Lead

○ **Weekly Summary (Short summary about what you did this week)**

This week, we have continued with our project under the assumption that IBM will drop the project and we will be completing the project for the use of ISU Grad Students working under Dr. Geiger. That being said, we have heard nothing from IBM this week about progress with the legal issues that have plagued the project thus far. In light of this, moved forward with our high level design that we created last week and proceeded to break down the plan even further in our small group meetings. Both hardware and Software sub-teams have created basic project plans but do not quite meet the criteria that has been outlined online. We were unaware that we were expected to have a final draft done this week until late in our team meeting tonight and will have it done by next week.

○ **Past week accomplishments (please describe as what was done, by whom, when)**

- Antonio Montoya: Oversaw Sub-team meetings and met with Geiger
- Christian Hurst: Tested Raspberry PI to ensure functionality, tried to build build root formed first draft of programing project plan
- Ben Wiggins: Tested Raspberry PI to ensure functionality, tried to build build root
- Chris Little: Researched Hardware features and began forming hardware project plan

- Braden Rosengren: Researched Hardware features and began forming hardware project plan
- **Pending issues (if applicable)**
 - Completion of formal project plan for the overall project
- **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Antonio	Oversaw team meetings	4	16
Christian	Program Plan and Build Root	7	11
Ben	Program Plan and Build Root	7	11
Chris	Formed Rough Draft of Hardware Plan	3	8
Braden	Formed Rough Draft of Hardware Plan	3	9

- **Plan for coming week (please describe as what, who, when)**

Hardware Team (Braden, Chris L., Antonio: Finalize formal plan for the hardware portion of the project. Research variable voltage level shifting for future application towards the project.

Software Team: Finalize software portion of the project proposal. Implement basic “hello world” code on the raspberry PI hosted web server. Download/ find Linux OS with root access so we can build raspberry PI OS using Buildroot.