

EE 492 FINAL WEEKLY REPORT

Date:11/28/2016

Group number: DEC1607

Project title: Remote Monitoring of Industrial Parts Washers to Evaluate Performance at Customer Locations

Client &/Advisor: PMW & Dr. M.Mina

Team Members/Role: Katie Woltkamp: Team leader

Bryan Adams, Neh Batwara: Web Master

Mitch Conrad: Team Communication Leader

Nick Coduto: Key Concept Holder

(All the above information should be there in each weekly report)

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

Completed the project object. The PLC can now function to accomplish remote monitoring. Since we did not have access to actual washer data, we have tested our program with mock data. The user defined pages have been deployed on the PLC and they monitor the CPU variables which we have set.

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

1. Completed the ladder logic for PLC.
2. User Defined Web Pages error fixed and now it works perfectly.

✓ Pending issues (if applicable)

- ❖ None, except non availability of actual washer data.

Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Neh Batwara	Website Design	12	12
Nick Coduto	PLC research	3	3
Katie Woltkamp	NDA Forms, PLC research	12	12
Mitch Conrad	PLC research	12	12
Bryan Adams	Website Design	3	3

- ✓ **Plan for coming week (please describe as what, who, when)**
 - ❖ A: Acquiring the Siemens controller and start experimenting with it
 - ❖ B: Discussing with Dr. Mina on how to go about it and what a good strategy would be to get started.
 - ❖ C: Finish the NDA forms needed

- ✓ **Summary of weekly advisor meeting (if applicable/optional)**