

## EE 492 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)

TIA portal has been set up. Ladder Logic complete. User Defined web pages complete. Now we can remotely display mock washer data, errors in data and alarms in real time on the webpage. We can also adjust washer values remotely if needed.

### ✓ Pending issues (if applicable)

- ❖ A. PLC memory too low and cannot be expanded without a Siemens specific preformatted memory card.

### Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Neh Batwara	PLC programming, User Pages research	8	33
Nick Coduto	PLC research	2	4
Katie	PLC	8	33

Woltkamp	programming		
Mitch Conrad	PLC research	8	33
Bryan Adams	Client Communication	2	4

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

- ❖ A: Improving User defined webpage for easy visualization of data.