

Week 2 Status Report
SE 491: Team sdddec19-24
Project Title: DevOps framework for IOT
Client/Advisor: Lotfi Ben Othmane

Team Members:

Yussef Saleh - Team Leader
Matt Bechtel - Chief Designer/Engineer
Brett Wilhelm - Assistant Programmer/Engineer
Chakib Ahlouché - Assistant Programmer/Engineer

- o Weekly Summary
 - This week we were tasked with exploring existing DevOps frameworks which implement Continuous Integration. We were given some places to start, but for the most part the task was open ended. With that, Lotfi gave us a DevOps book to reference if we had questions about DevOps theory and general implementation of such a framework. We were supposed to meet with a member of the original development team for the project to discuss the state of the code base. This meeting was supposed to take place Friday but had to be pushed back until early next week due to scheduling conflicts. This meeting with a person who worked on the project initially should give us some insight into what was done, and what needs to be done, in order to fit into the project's requirements.
- o Past Week Accomplishments
 - No real tangible accomplishments beyond researching existing DevOps frameworks.
- o Pending Issues
 - We need to meet with Nischay (a member of the previous dev team) to discuss the codebase.

o Individual Contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Yussef	Checked the book that doctor Lotfi gave us about DEVOps. Also looked at the previous code and sat with Hamza one of the people who created the previous work to better understand it. Also contacted with professor Lotfi for meeting times.	5	5
Matt	Researched some existing DevOps frameworks/pipelines (Jenkins, IBM, AWS) and read the first chapter of the given DevOps text. Also pulled down the existing codebase and took a look around to get an idea of the existing project. Setup meeting with Nischay.	3	6
Brett	Took a look at the old code, read up on DevOps.	2	4
Chakib	Reading a few chapters from a book of DevOp (provided by Lotfi) , looking at the code of the already existing DevOp project .Also trying to learn about Docker	2	3

o Comments

o Plans for Next Week

- Meet with Nischay, discuss codebase, work on design docs/requirement elicitation.
- Start creating Milestones for the project

o Summary of Advisory Meeting

- We did not meet with our Advisor this week due to a scheduling conflict with Nischay. We should be meeting early next week to discuss the existing project and the scope of the extension.