492 WEEKLY REPORT #5
Cloud Environment Manager

Group Number: 39
Client: PwC
Advisor: Lotfi Ben Othmane

Team Members:

Adis Osmankic - Team leader

Zane Seuser - Cloud Architect

Jet Jacobs - System Architect

Rishabh Bansal - Report Manager

Gavin Monroe - Meeting Scribe

Summary:

These past two weeks have been another grind to push our product forward and connect all our resources together. We met with our new sponsors for the first time and established how our team will go forward with their requirements. We updated our documentation to onboard the new sponsors and began the process of restructuring our design document to keep the information relevant.

Past Week:

- API- Zane Seuser
    - Continued Refactoring
    - Implemented 90% of the Azure Cloud Platform integration
- Cloud- Adis Osmankic
    - Implemented and tested most GCP playbooks
    - Documented new GCP rules
- Front End- Jet Jacobs
    - Finished up template creation deletion
    - Changed up page layout, to move to a more user friendly flow
    - Believe I've wrapped up the lab creation, at least as far as sending the request, waiting for feedback on whether that is sufficient.
- Back End - Rishabh Bansal
    - Worked on Some more API for the backend.
    - Worked on finishing the Logging functionality.

Pending Issues:

None

Please reach out to one of the team members if you lack access to our JIRA board.

Individual Contributions:

Name	Contribution	Hours weekly	Hours Semester
Adis Osmankic	- Created and published documentation for select GCP playbooks - Tested new playbooks and documented how to use them. - Modified security clearance for service account - Template redesign - Began efforts into redesigning how our templates will be created/consumed to follow our standard of modularity - Updated documentation - Updated old architecture diagrams - Update Design document to reflect more details on our design	7	30
Zane Seuser	- Implemented just about everything required for our API to retrieve, provision, and destroy cloud infrastructure in the Azure Cloud Platform - Continued refactoring as I worked through adding another cloud platform to our implementation	8	33
Jet Jacobs	- Worked on Frontend beginning on the template creation page - Worked on cleaning up some backend	8	28+8

	routes for template creation		
Rishabh Bansal	- Having done Logging with more functionality - Having docerising the Logging and managing file. - Completing logging for the Backend function with all required functionality.	7	30
Gavin Monroe	- Implemented Axios package for backend communication. - Implemented Standards for lint and packages to keep code standards in line. - Cleaned up structure and documented function usage.	8	24+8

Screenshots:

Upcoming Items:

Please reach out to one of the team members if you lack access to our JIRA board.

- Complete & test Azure /lab routes (Zane)
- Implement /lab routes for GCP (Zane)
- Start adding "helper" API GETs to assist front-end with form population (Zane)
- Working on More Backend API. (Rishabh)
- Setting few things locally for testing. (Rishabh)
- Begin integration of our API with our logic to create networks and customize volumes for each platform (Adis)
- Create functionality to convert groups in template (Adis)
- Create functionality to reference images from other platforms (Adis)
- Continue Documentation Update (Adis)