492 WEEKLY REPORT #6
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 couple of weeks were focused on getting the final pieces working together and squashing bugs. We started finalizing our backend API, troubleshooting issues with our connectivity and finalizing the frontend to backend connection.

Past Week:
- API- Zane Seuser
  - Started adding basic helper routes for front-end forms
  - Troubleshooted and Completed Azure Implementation
  - Tweaked Ansible Playbooks for Azure
- Cloud- Adis Osmankic
  - Finalized GCP playbooks
- 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
  - Cleaned up the environment.
  - Worked on more backend API
  - Looked for Cloud Implementation

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	- Updated documentation - Updated some old diagrams - Update Design document to reflect more details on our design - Created logic for customizable volumes.	4	34
Zane Seuser	- Began adding simple GET routes to return form information (AWS) - Worked through finding all of the dependencies (and versions) required by Azure to be able to run via our Flask API - Modified Azure Ansible Playbooks to work with current API implementation - Created a simple Azure lab template to be used for testing - Verified ALL Azure routes work as they should	8	41
Jet Jacobs	- Worked on Frontend beginning on the template creation page - Worked on cleaning up some backend routes for template creation	8	28+8
Rishabh Bansal	- Cleaned up a few backend APIs that I have worked on so far. - Made progress on more Backend API - Looking on Cloud Platform	5	35
Gavin Monroe	- Worked on front end, reviewing templates and code. - Review merge requests to see how code	5	35

	was implemented.		

Screenshots:

Upcoming Items:

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

- Work w/ front-end team members to get /lab request formats worked out (Zane)
- Implement /lab routes for GCP (Zane)
- Continue adding "helper" API GETs to assist front-end with form population (Zane)
- Maintaining teams Website upto date(Rishabh)
- Combine APIs to work and to optimize the work. (Rishabh)
- Create functionality to convert groups in template (Adis)
- Create functionality to reference images from other platforms (Adis)