

GROUP 4 – Cabezas, Angel Gabriel | Alapad, Jerome Christian | Paras, Jan Angelo | Ramos, Kierwin Jov
CPE028 – CPE41S1

Project Activity 4 – Automated Software Testing and Deployment

Team Name: Group 4

Describe your team's application:

- a. Which features did your team choose to implement from your backlog?
 - Utilizing Google Maps API to implement mapping out the Geolocation of the IP addresses.
- b. What are the specific objectives of these features?
 - The main objective of this feature is to use the coordinates of the geolocation and map it using Google Maps.
- c. Why were these features chosen?
 - This feature is chosen to better visualize the geolocation variable output.

Record your team member roles and skillsets

Team member	Role/Knowledge/Skillset
Alapad, Jerome Christian	Python, JavaScript, Frontend Development
Cabezas, Angel Gabriel	Python, Backend Development
Paras, Jan Angelo	Python, Linux System Administration
Ramos, Kierwin Jov	Python, Intelligent Systems

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Strategy/Project Plan

Provide a brief description of your team's strategy for completing this project.

- Test the application first from the previous activity and then

Final Deliverables

Presentation

Provide the following evidence (which will also be part of your presentation):

Application and Git:

- Application code with new features
- Show changes pushed to GitHub
- Test cases
- CI/CD pipeline functionality

Reflect on the type of issues you have faced while working on this project. How did you find solutions and what have you learned?

Team activities and reflection

Deliverable/Rubric: Your manager is interested in knowing how everyone worked together as a team. Here is a list of questions from your manager:

a. What did you enjoy about working as a team? What worked well?

- Working as gives us different perspectives and opinion on how things should be done. The activity was finished faster because everyone was doing their part.

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b. What team problems did you encounter and how did you resolve them?

- There are no team problems encountered.

c. What technical problems did you encounter and how did you resolve them?

- GitHub actions wasn't working well because PYTHONPATH wasn't in the github-action file. It is resolved by providing the PYTHONPATH which is src/

d. How was each team member held accountable individually and for the team as a whole?

- Each team member was assigned to accomplish different tasks that they are accountable for completing.

e. What was your team's decision-making process?

- The team's decision-making process was presenting ideas to all of the members first then assessing the viability of the idea.

f. Overall, how were the team dynamics and what were any lessons learned?

- The team dynamics is great and what we learned from this activity is that collaborative in code work using GitHub is so much more efficient than traditional means.

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