Individual Contributions for Project 1:

- All the resources in AWS was created by me which includes the following components:
 - Input bucket called cse546-project1-input to store the images received as input.
 - Output bucket called cse546-project1-output to store the results of the classification.
 - Input SQS queue called CSE546_Project1_Request to send image names from web-tier to app-tier.
 - Output SQS queue called CSE546_Project1_Response to send output from app-tier to web-tier.
 - Web-tier instance which was an Ubuntu VM with Java pre-installed to run the web-tier jar file.
 - Custom AMI which had the classification.py along with Java installed for the App-tier instance.
- Created the main logic of persistence:
 - The inputs which are received from the workload generator are first saved in the input S3 bucket.
 - O In the app-tier after the classification algorithm has run, the output is saved in the output S3 bucket.
- Created the main logic which runs the python program of image recognition in the app-tier.
 - After the input is received in app-tier, I created the logic which runs the python command in the command line to run the classification algorithm.
- Implemented a part of auto scaling
 - Created the function which takes in integer as a parameter to determine the amount of instances to be created.
 - O The amount is capped at 15 to account for the instances that are either shutting down or in some other pending states.
- Created the Project report.