Assignment 1 Submission Guidelines and Evaluation Procedure

1. The docker swarm should be created with three replicas and kubernetes deployment should be with autoscaling with min replicas as 3 and max replicas as 10.
2. Four files should be created with request and response times with average value calculated from the data. Docer_response_10 should contain for 10 client requests per second and Docker_response_10000 for 10000 requests per second. Two other files kubernetes_response_10 and kubernetes_resonse_10000 need to be generated. All implementation files and the four generated files should be submitted in the google class room.

Evaluation Procedure

1. One Friday 12 noon class will be reserved for evaluation. Each student will randomly pickup another student roll number and will check the four generated files by running the programs. The generated files will be submitted as text_X file. Each matched file with the submission will be given 2.5 marks by the evaluating student and the marks uploaded in the google sheet.
2. The teacher will randomly select a few submissions and check the submitted files and if found incorrect, the evaluating student will get 5 negative marks.