Clouds Course

Assignment 2 Deliverable

**Name:**

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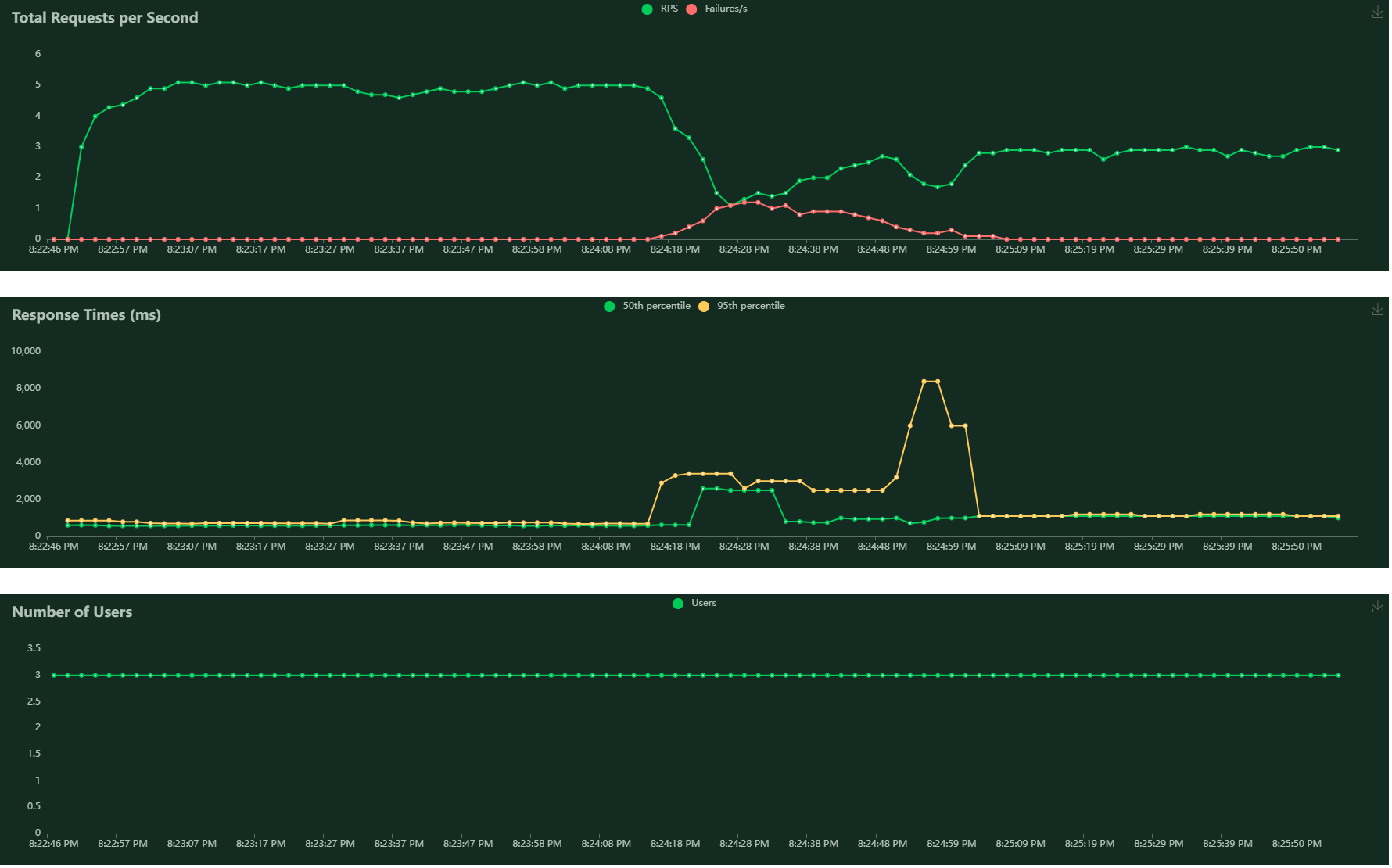
**Email:**

jadalaou@eurecom.fr

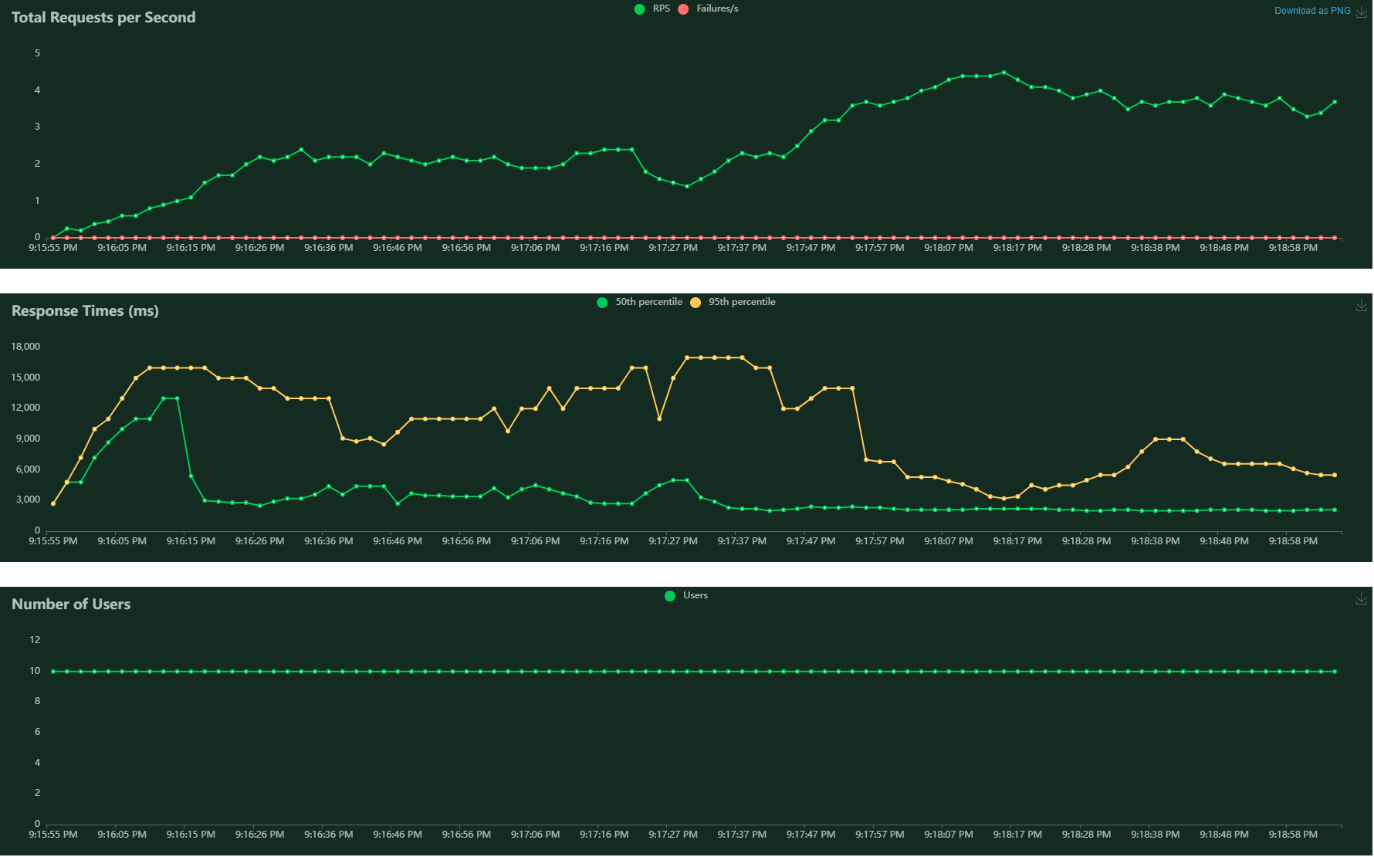
**Run Locust for 3 minutes each on (i) locally deployed numericalintegral, (ii) VM scaleset with 2 VMs where you shutdown the VM running the workload after 1 minute, (iii) autoscale webapp initially configured with 1 instance and max 3, (iv) autoscale function. Save locust output. Plot a graph of number of successful requests/seconds with one line for each of the four cases above. Paste the graph below.**

*Your answer:*

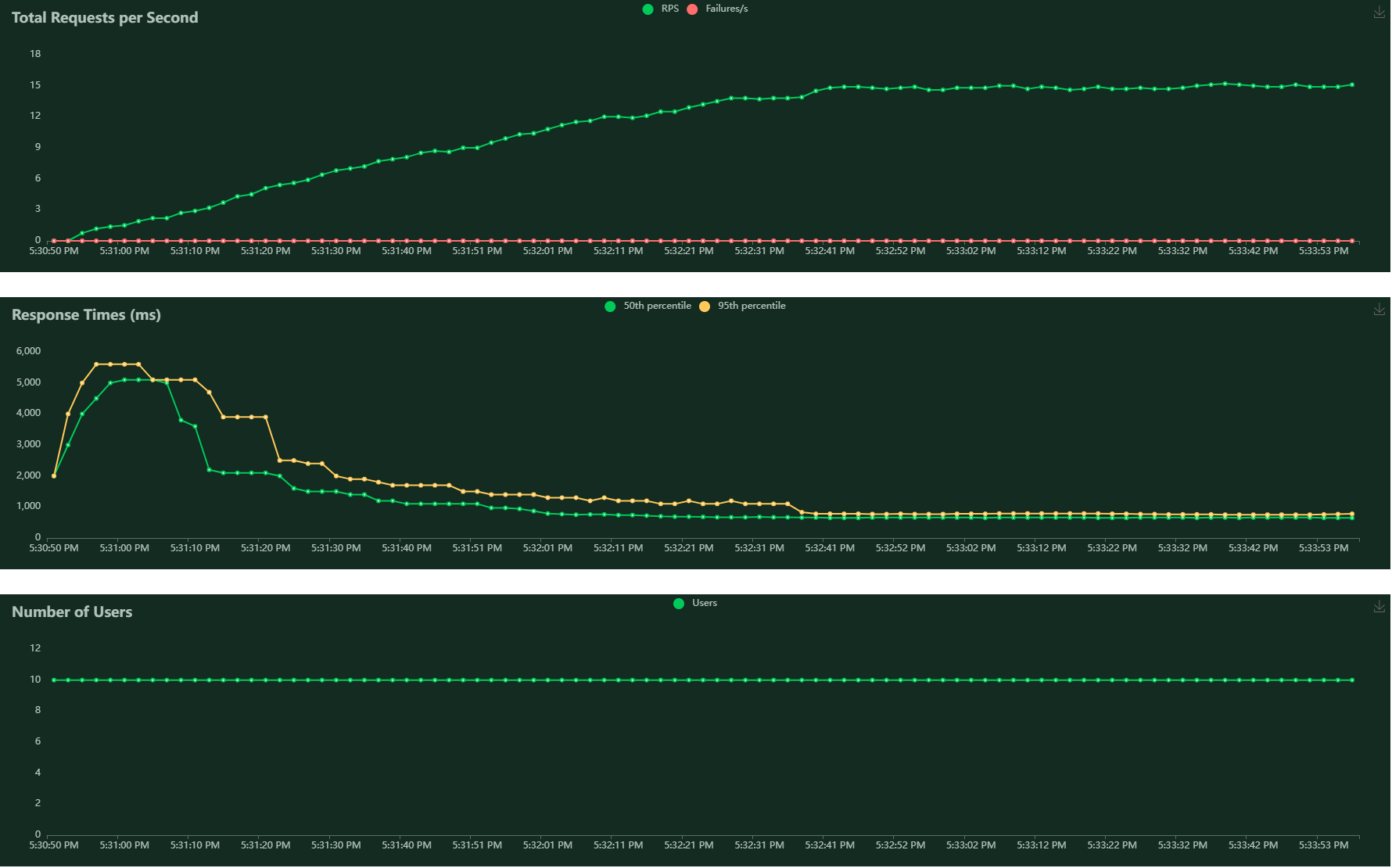
*(i)*

*(ii) this is the result on 3 users and I tried on 1000 users I will put the result at the end of the file *

**(iii)**

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**(iv)**

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**I tried to run it on 100 users with 70 request per second, the plot will be included at the end of the report.**

**What is the address of the numerical integrap webapp where we can access your site?**

*Your answer:*

[task3hamzajad.azurewebsites.net/numericalintegralservice/0.0/3000.14](https://task3hamzajad.azurewebsites.net/numericalintegralservice/0.0/3000.14)

**What is the address of the numerical integrap function deployment?**

*Your answer:*

[*https://sineintegration.azurewebsites.net/api/http\_trigger?lower=0.0&upper=3.145*](https://sineintegration.azurewebsites.net/api/http_trigger?lower=0.0&upper=3.145)

*the value could be changed accordingly*

**What is the address of the mapreduce durable function deployment where can invoke it?**

*Your answer:*

[hamzajadalaounmapreducer.azurewebsites.net/api/orchestrators/DurableFunctionsOrchestrator1](https://hamzajadalaounmapreducer.azurewebsites.net/api/orchestrators/DurableFunctionsOrchestrator1)

*and to access the result there is this link:*

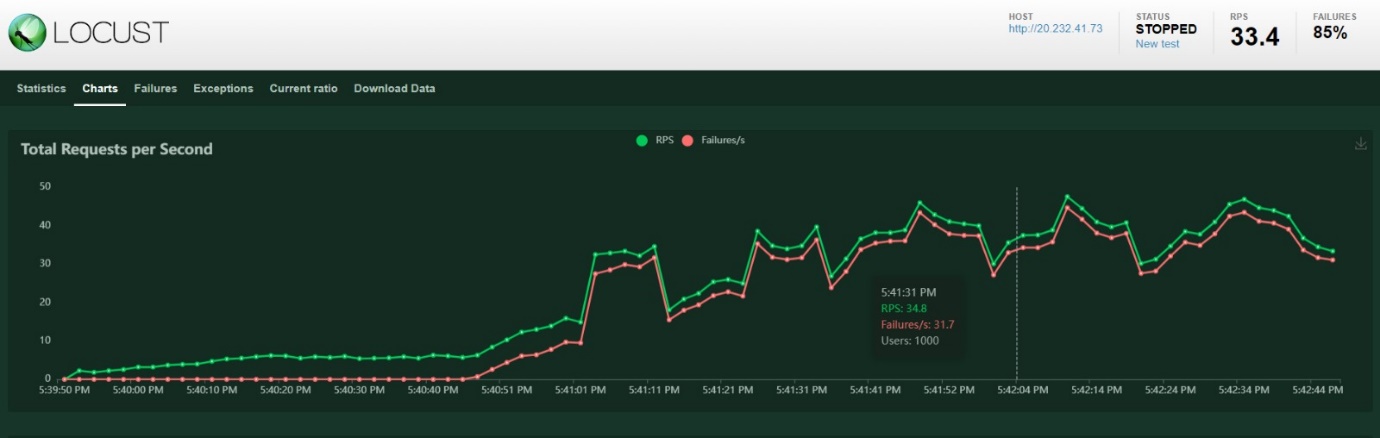
[hamzajadalaounmapreducer.azurewebsites.net/runtime/webhooks/durabletask/instances/c6d1b12c8b644e1a969be3224cbfc920?taskHub=hamzajadalaounmapreducer&connection=Storage&code=zXEsy3cv1Lccd2dIVIE4eL5JxWiBmgGBwuibpQ4UKF11AzFu2VQdbg==](https://hamzajadalaounmapreducer.azurewebsites.net/runtime/webhooks/durabletask/instances/c6d1b12c8b644e1a969be3224cbfc920?taskHub=hamzajadalaounmapreducer&connection=Storage&code=zXEsy3cv1Lccd2dIVIE4eL5JxWiBmgGBwuibpQ4UKF11AzFu2VQdbg==)

**What is the gitlab URL where you have saved your assignment code?**

*Your answer:* [*https://github.com/00casio/Clouds.git*](https://github.com/00casio/Clouds.git)

*In this link you can find two folders and other files, Map folder for the mapreducer (task5) and functions folder for task4.*

*Task 2 on 1000 users:*

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*Task 4 plot2 100 user 70rps:*

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