**IMPORTANT: Every member should submit with their own screenshots using their own GCP accounts.**

**ONLY ONE SAMPLE PER TEAM WILL BE CHOSEN AND GRADED. THIS GRADE WILL BE VALID FOR ALL MEMBERS**

**CS 436**

**In-class practice (23.05.2024)**

**Group #:**

**Group Member Names:Yağız Gürdamar, Zeynep akant, Doğaçç görgülü, Ceren Şahin**

**Every team member must follow the below procedures on their own GCP account.**

**\*) Choose a web app. This app must be different than the ones used in the term project.**

**\*) Create a VM on GCP (with lowest possible configuration) – No autoscaling is required for this ICP.**

**\*) Install your app on the VM, make sure it is accessible.**

**\*) Stress test your web server using a test tool.**

**What to submit:**

* **Link to the app source code. (Can be a github link, a drive link etc.)**

[**https://github.com/ygzgrdmr/cloud-flask**](https://github.com/ygzgrdmr/cloud-flask)

* **Screenshot of your VM instance dashboard with your account info visible. (Upper right corner)**
* **Screenshot of the CPU utilization of VM while tested.**

**metin, ekran görüntüsü, yazılım, web sayfası içeren bir resim

Açıklama otomatik olarak oluşturuldu**

* **Screenshot of your test tool showing how increased load on your server affects latency.**

**metin, ekran görüntüsü, yazı tipi, sayı, numara içeren bir resim

Açıklama otomatik olarak oluşturuldu**

**yazılım, ekran görüntüsü, multimedya yazılımı, grafik yazılımı içeren bir resim

Açıklama otomatik olarak oluşturuldu**

**Bonus:**

**10p: If you also create a DB connected to your web app on a separate VM.**

**10p: If you use locust instead of simple test tools like ab.**

**We used DB and locust**

**Submission part:**

|  |
| --- |
| **<link to your app source code>** |
| **Screenshot 1 (VM dashboard with GCP username visible)** |
| **Screenshot 2 (VM CPU utilization while tested)** |
| **Screenshot 3 (Traffic load vs latency graph)** |