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**Assignment 2 Report**

**GitHub Link:**

https://github.com/nihalhk/assignment2

**Process Description:**

* We Had a big issue since the azure board was down for a week so we couldn’t reflect our real time changes on the board.

Requirement 1:

* I needed to run the following command firstly before following the guideline

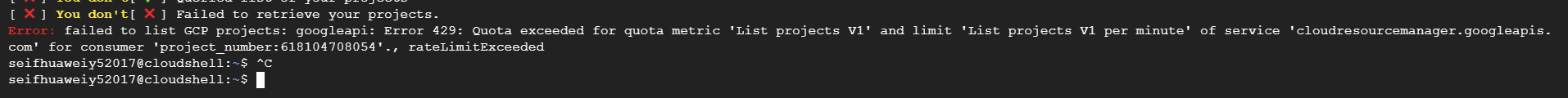
“npm i -g create-next-app”

* I followed the step-by-step guide to create a Next.js application and run it and it successfully worked
* I followed the step-by-step guide to Dockerizing the Next.js example app and I wrote both files correctly but when trying to build the docker compose I got the following error

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* I followed the step-by-step guide to run the google cloud but I got the following error message at the end



Requirement 2:

 In the Cloud Console, go to the [**VM instances**](https://console.cloud.google.com/compute/instances) page.

 Click **Create instance**.

 In the **Name** field, enter postgres-tutorial.

 In the **Book disk** section, click **Change**.

 In the Boot disk window, perform the following steps in the **Public images** tab:

1. In the **Operating system** menu, select **Ubuntu**.
2. In the **Version** menu, select **Ubuntu 20.04 LTS**.
3. In the **Boot disk type** menu, select **Standard persistent disk**.
4. Click **Select**.

 In the **Firewall** section, expand **Management, security, disks, networking, sole tenancy**, and then expand **Networking**.

 In the **Network tags** field, enter postgres-tutorial.

*  Click **Create** to create the instance.

Install PostgreSQL

* In the list of virtual machine instances, click the **SSH** button in the row of the instance to which you want to connect.
* Update the packages. In the SSH terminal, enter the following command:

sudo apt update

* Install PostgreSQL, including the PSQL client and server instrumentation:
  + sudo apt -y install postgresql postgresql-client postgresql-contrib
* I created a google bucket and added the database in the following link (There is no option to set the bucket to be public I need to give access to every specific email )

<https://console.cloud.google.com/storage/browser/bodyperformance;tab=permissions?project=sound-paratext-334219&prefix=&forceOnObjectsSortingFiltering=false>

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