

# Cloud Development, 2021 fall. Homework 2

Report

**Storages** 

made by Zhuman Rakhat

#### Task

You have to develop a simple web application (one-page) which will display a list of files (images or whatever type you want) stored in a container named "PublicFiles" on your storage account in Azure.

- These files have to be unavailable publicly (have to be private) and only your application has to be able to get access to them.
- Even more, these files have to be accessible for a limited period of time (2 weeks) and your application has to be allowed only to read from this container.

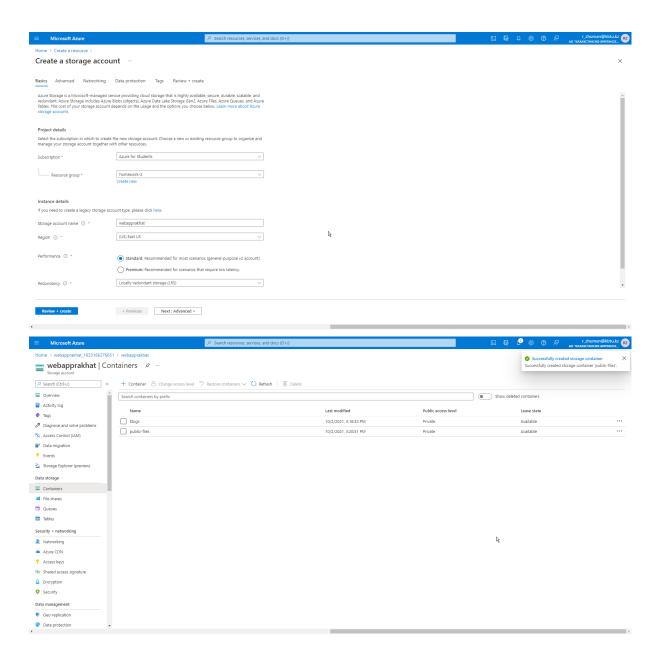
As a report, please, attach code of your application and screenshots of your web page, storage account and/or container containing information about your Azure account (user name) and explanation of the implemented solution.

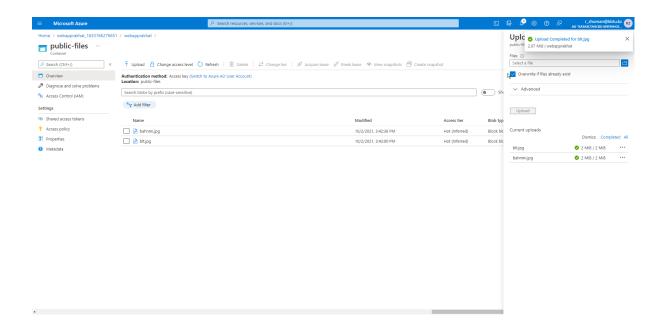
Tip: think about **Shared access signature (SAS).** 

#### Report

It took me a day to understand the C# language and at the end I got stuck on how to make a page, so I had to start over, but with Javascript, which is already close to me.

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## >> npm install

Create .env file for connection string

## SAS generator function (2 weeks and read permission)

#### Easiest one

#### Dockerfile

I am going to publish in Docker Hub, so ignore .env file

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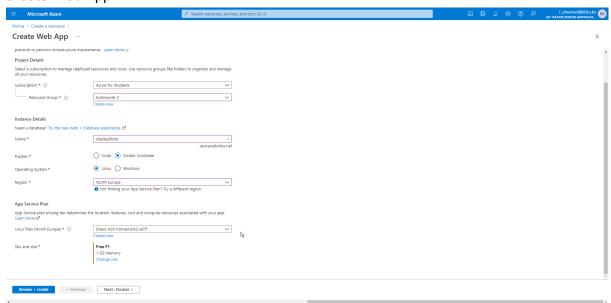
1 .env
2 Dockerfile
```

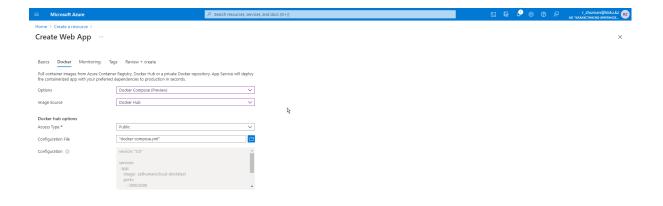
# Build & push

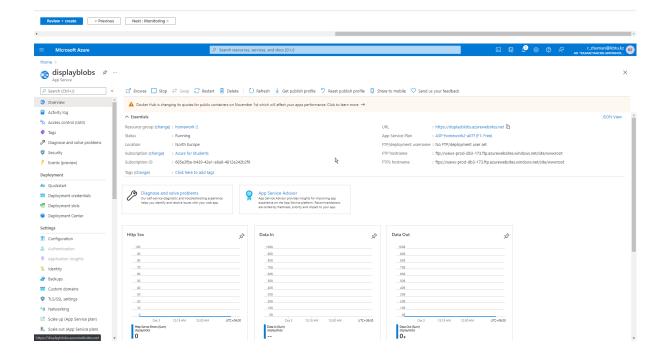
#### docker-compose



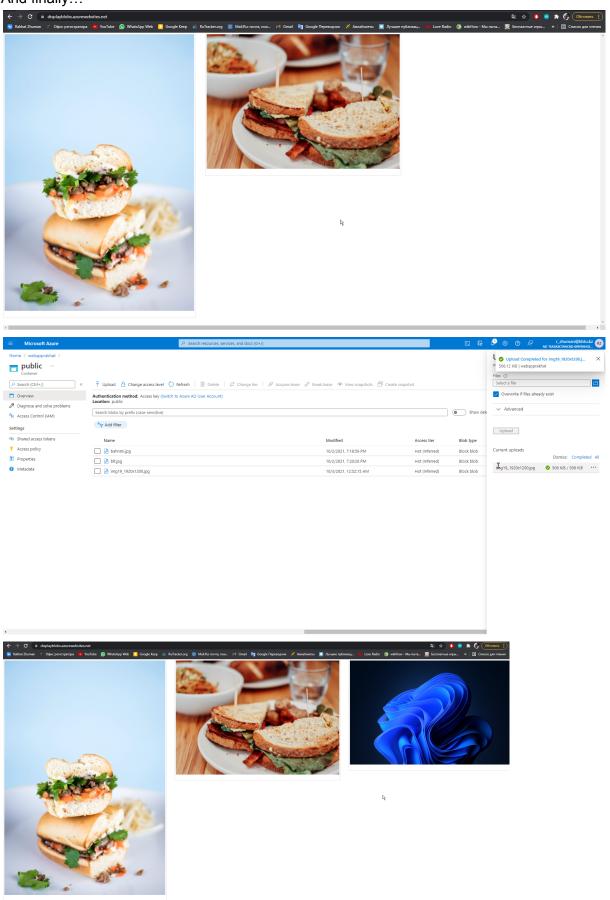
## Create Web App







# And finally...



# Cleaning up workspace

```
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Requesting a Cloud Shell.Succeeded.

Connecting terminal...

Welcome to Arure Cloud Shell

Type "help" to learn about Cloud Shell

rather@Minure:-5 az group delete --name homesork-2 --no-wait --yes

rather@Minure:-5 f
```