Module 6 – Dockerignore: Lab

# Lab Objectives

Building a Docker image with .dockerignore

Building a Docker image without .dockerignore

1. Prepare dockerfile and create project files

1. First we can make the Dockerfile which is going to serve as a way to demonstrate how the ignore file is taking effect.

FROM alpine:latest

COPY . /context

RUN ls –al /context

2. Now we need to make some files that can be copied to the container, they don’t have to contain anything, it’s just the

file names and directories that we are concerned about here.

* App.py
* Dockerfile
* docs/
* my-notes.md
* README.md

2. Building a Docker image without .dockerignore

1. Build the Docker Image now, the files and folder that you just created should be listed in the output. There are ways that the ignore file could improve our build, for instance the docs folder on and actual folder may contain many images and files that are not necessary for running the application.

3. Building a Docker image with .dockerignore

1. Create the .dockerignore file and try building the image again, you should see that the ignored files are not sent to the container. In the .dockerignore file add the following lines:

*# ignore the docs folder*

docs

*# ignore all markdown files*

\*.md

*# in this case, we can make an exception for the READM*

!README.md

4. Finish up

1. Delete all of the Docker Images created during this to clean up.