

Ori Coding Assignment

Task

Create a temporary file sharing web service and CLI tool written in Go that allows a user to upload an image file and returns a URL. Accessing the URL will download that same file.

Upload should be possible using the syntax:

```
grpc-upload ./cute_kitten.jpg
```

This should result in a response including a URL to download the file, e.g.

http://my-file-share-service/cute_kitten.jpg

Accessing the URL should download the file.

You should package your server implementation as a Docker container.

For simplicity it should be ephemeral i.e. if the container stops or restarts all the uploaded files will be lost.

Implementation details

- Create the microservice in Go and CLI for uploading image files via gRPC
- Should only accept png, jpg, and gif files
- Be TDD aware
- Be CI/CD aware
- Understand best practices such as “12factor app impacts”
- Define the image in a Dockerfile
- Include appropriate documentation

Notes

Ideally return the completed task as a link to a github repo (but don't mention Ori anywhere 😊)