Rave Image Upload and Optimization

As a social media platform images are one the biggest expenses we have in terms of CDN costs. Users can upload their own avatars and in the future share images in chat. Your task will be to write a HTTP API for users to upload images (JPEG and PNG) and serve optimized Images (3 Qualities; Large, Medium, Small).

Requirements:
- Produce 3 Different Quality Images Optimized for Web. You choose the optimal quality/compression for Large, Medium and Small.
- Any PNG uploaded gets converted to JPEG before optimization.
- Upload Image using Form Multipart
- Data is stored in-memory
- Display the optimized Image in a web browser
- Design your own HTTP API
- Dockerize the Web Server

Stench Goals:
- Save Data to RDMS (PostgreSQL or MySQL)
- Allow Users to Upload GIF's and compress into WebPs at 3 different levels of compression

Example API Requests Using HTTPie:

Upload Image
```
http --verbose -f POST http://localhost:9090/upload  image@image.jpg
```

Response:
```
{"images":
  {"large": "http://localhost:9090/images/6f1c991b-917e-4cf6-ba33-b34f16a1c41f-large.jpg",
   "med": "http://localhost:9090/images/6f1c991b-917e-4cf6-ba33-b34f16a1c41f-med.jpg",
   "small": "http://localhost:9090/images/6f1c991b-917e-4cf6-ba33-b34f16a1c41f-small.jpg"}}
```

Download Image Using wget:
```
wget  http://localhost:9090/images/6f1c991b-917e-4cf6-ba33-b34f16a1c41f-large.jpg
```