Setup MinIO as AWS S3 alternative in development with docker

Installation

1. Make sure your local machine already have Docker installed.
2. Run MinIO:

```
docker run \
  -p 9000:9000 \
  -p 9001:9001 \
  --name minio-local \
  -v ${HOME}/projects/minio:/data1 \
  -e "MINIO_ROOT_USER=miniouser" \
  -e "MINIO_ROOT_PASSWORD=miniopass" \
  quay.io/minio/minio server /data1 --console-address ":9001"
```



3. On your Laravel project, install the dependency

```
composer require --with-all-dependencies league/flysystem-aws-s3-v3 "^1.0"
```

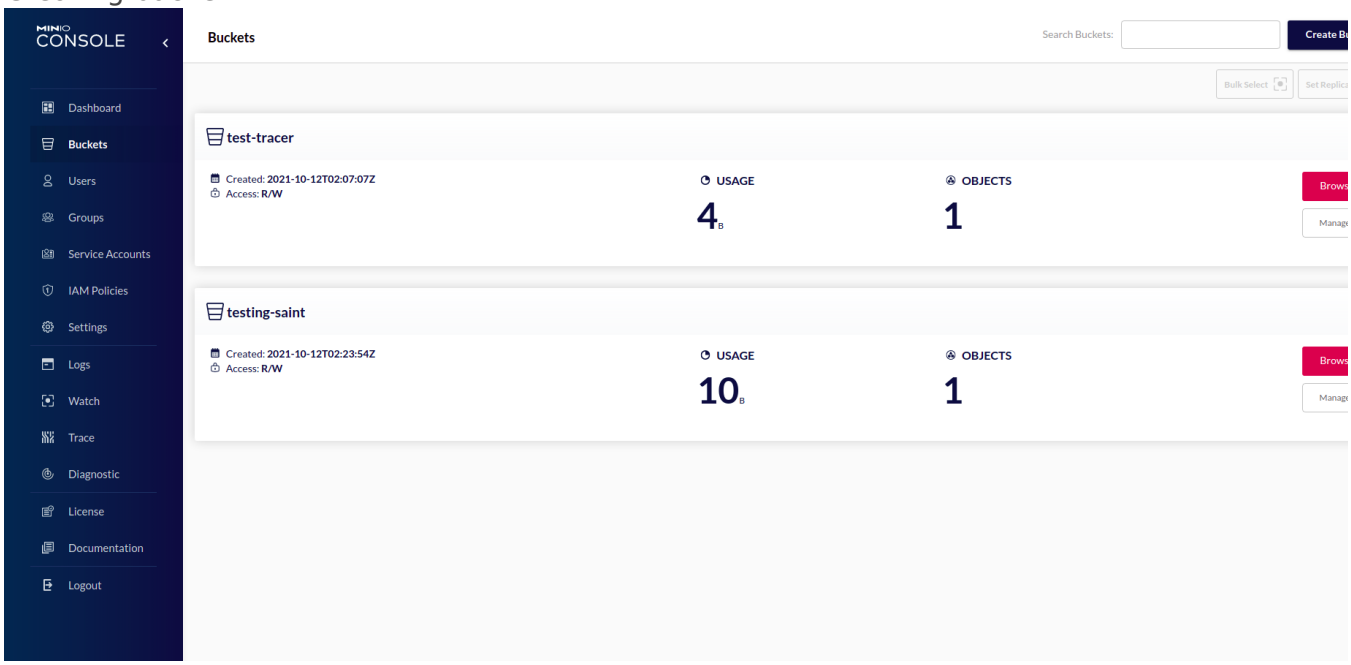
4. Change the `.env` on your project

```
AWS_ACCESS_KEY_ID=miniouser
AWS_SECRET_ACCESS_KEY=miniopass
AWS_DEFAULT_REGION=us-east-1
AWS_BUCKET=testing-saint
AWS_USE_PATH_STYLE_ENDPOINT=false
AWS_ENDPOINT="http://127.0.0.1:9000"
```

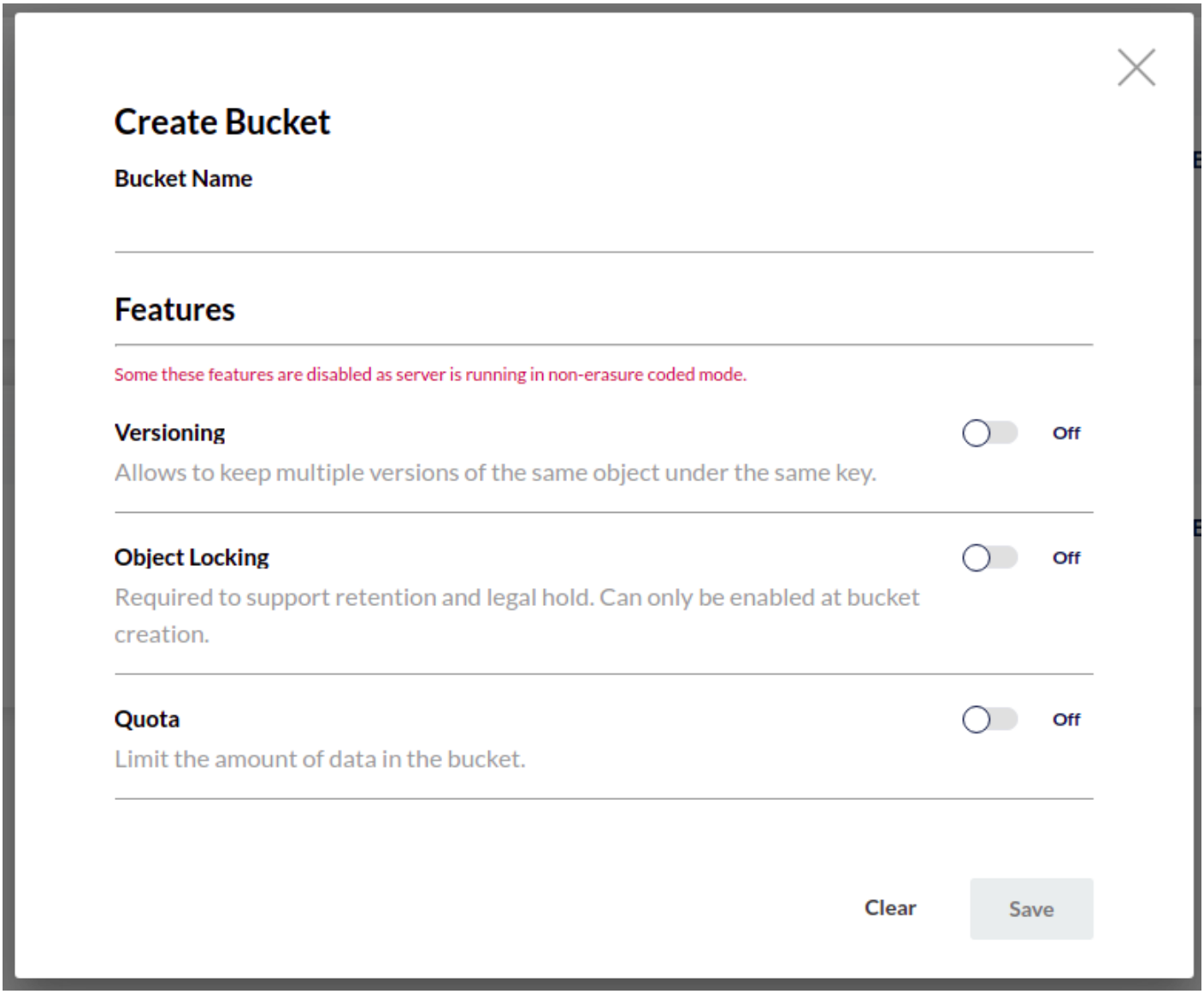
5. Running after rebooting your PC / Laptop / Mac (shall I mention rpi too?)

```
docker start minio-local
```

6. Accessing the web interface Open your web browser, access `http://localhost:9001`
7. Creating bucket



Click 'Create Bucket', and a modal window will be shown like this:



Set the bucket name. The bucket name will be used as `AWS_BUCKET` in your app.

Further Reading

MinIO Documentation

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