Assumptions:

In memory implementation is considered for this application. However, a more scalable cache such as redis can be easily incorporated. I have included a file that intends to implement a redis based cache.

Given time,

I would have implemented a cache/data store using redis as well.

Instructions for running the app:

Outside container:

- 1. make build
- 2. make start

Run container:

make container-start # this will build and start a container

If container exists already, please run

make container-stop

```
ArticleApp master % make container-start
rm -rf build
go clean
GO DAMBLED-8 600S=linux go build -a -installsuffix cgo -o articleapp-api-linux-vdedd625-dirty -ldflags "-X main.BuildNumber= -X main.Version-dedd625-dirty" articleapp
//Library/bevetoper/Command.Inefools/usr/bin/make build-dir
why articleapp-api-linux-vdedd625-dirty build
do build 66 in -sf articleapp-api-linux-vdedd625-dirty articleapp-api
docker build -t articleapp-api-linux-vdedd625-dirty -f Dockerfite .

sending build context to bocker deemon 13.59M
Step 2/6 : RNN apk and —update ca-certificates openssl
—> 169065an f50

-> 50765215e4e

>> 50765215e4e

Step 2/6 : RNN apk update; apk add curl
—> 408498baf761

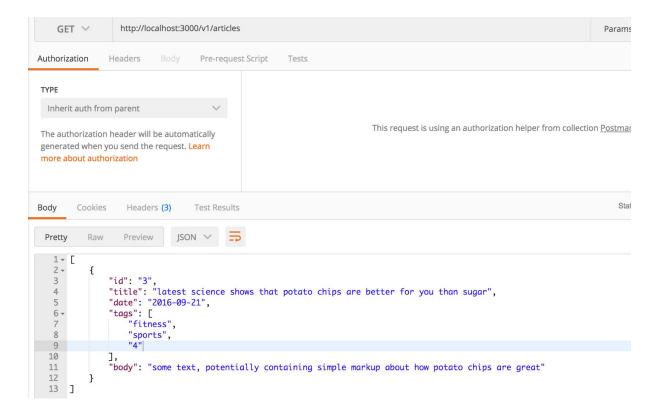
Step 2/6 : NORKONI /app
—> Using cache
—> 638016806383

Step 5/6 : COPY build /app/
—> 73394431861

Step 6/6 : OND ("/app/articleapp-api")
—> Using cache
—> 6380174854

Successfully build articleapp-api:ded6625-dirty
docker run -d -p 3080:8090 —name api-linux articleapp-api:ded673-dirty
docker run -d -p 3080:8090 —name api-linux articleapp-api:ded673-dirty
f98c3338beccdecaff944ea1415e6f7adb2ec188d69f83a016e673b9f6f233ed
```

Container output (port 3000 mapped to 8090)



Inclusions apart from code files:

- 1. Dockerfile
- 2. Make file