

PREPARATION PHASE
Deployment of App in IBM Cloud
Upload Image to IBM Container Registry

Date	27 August 2022
Team ID	PNT2022TMID26477
Project Name	Personal Expense Tracker Application

(Continuation of **Deployment of App in IBM Cloud**)

STEP 1: Build an Image from Docker File

```
Command Prompt
Microsoft Windows [Version 10.0.19044.2130]
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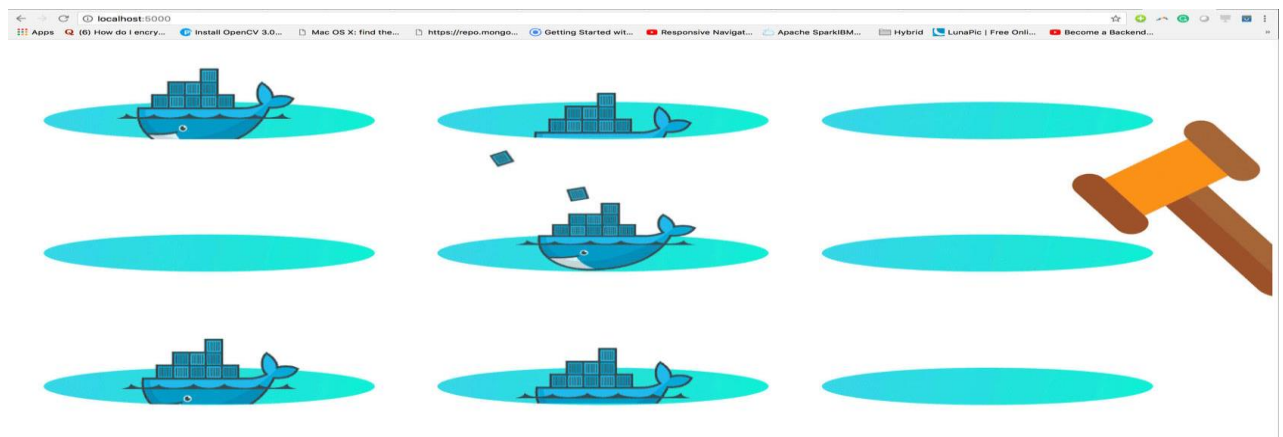
C:\Users\Dell>docker build -t app:latest
"docker build" requires exactly 1 argument.
See 'docker build --help'.

Usage: docker build [OPTIONS] PATH | URL | -

Build an image from a Dockerfile

C:\Users\Dell>
```

STEP 2: Run the command locally and test



STEP 3: Push the image to the IBM Cloud Registry

```
Listing images...

REPOSITORY                                TAG      DIGEST      NAMESPACE  CREATED    SIZE    SECURITY STATUS
registry.ng.bluemix.net/flask-node/app    latest   b721dd768fe0 flask-node   1 day ago  366 MB  3 Issues

OK
```

(The Process will continue in **Deploy in Kubernetes Cluster**)