**Projects**

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**InstantAR-Connect**

*Development (Installation-One time):*

1 Install python3.9 **in** your environment

2 git clone https://github.com/instantAR/InstantAR-Connect.git

3 cd ./InstantAR-Connect/django/main

4 python3 -m pip install -r requirements.txt

*Development (Making changes to code):*

1 cd django/main

2 python3 manage.py runserver

*Docker Login (One time):*

1 docker login -u jituhooda -p e0880390-5373-4ed3-bdde-58f7b5998a13

*Build (at root directory of the repo):*

1 docker-compose build web

2 docker-compose push web

*Deployment*

1 Login to the VM

2 copy django/docker-client-files/docker-compose.yaml & .env **in** the VM

3 make sure the image tags **in** django/main/docker-compose.yaml are same **in** step 2 file

4 docker-compose pull

5 docker-compose up -d

*Verify Deployment*

1 Open Chrome browser

2 Open <VM-IP>:<PORT> **in** browser. Default port is 80.

**CloudVMDashboard**

*Development (Installation-One time):*

1 Install python3.9 **in** your environment

2 git clone https://github.com/instantAR/CloudVMDashboard.git

3 cd ./CloudVMDashboard

4 python3 -m pip install -r requirements.txt

*Development (Making changes to code):*

1 python3 manage.py runserver

*Docker Login (One time):*

1 docker login -u jituhooda -p e0880390-5373-4ed3-bdde-58f7b5998a13

*Build (at root directory of the repo):*

1 docker-compose build web

2 docker-compose push web

*Deployment*

1 Login to the VM

2 copy docker-client-files/docker-compose.yaml & .env **in** the VM

3 make sure the image tags **in** root directory's docker-compose.yaml are same **in** step 2 file

4 docker-compose pull

5 docker-compose up -d

*Verify Deployment*

1 Open Chrome browser

2 Open <VM-IP>:<PORT> **in** browser. Default port is 80.

**STT**

*Development (Installation-One time):*

1 Install python3.9 **in** your environment

2 git clone https://github.com/instantAR/STT.git

3 cd ./STT

4 python3 -m pip install -r requirements.txt

*Development (Making changes to code):*

1 python3 manage.py runserver

*Docker Login (One time):*

1 docker login -u jituhooda -p e0880390-5373-4ed3-bdde-58f7b5998a13

*Build (at root directory of the repo):*

1 docker-compose build web

2 docker-compose push web

*Deployment*

1 Login to the VM

2 copy docker-client-files/docker-compose.yaml & .env in the VM

3 make sure the image tags **i**n root directory's docker-compose.yaml are same **in** step 2 file

4 docker-compose pull

5 docker-compose up -d

*Verify Deployment*

1 Open Chrome browser

2 Open <VM-IP>:<PORT> **in** browser. Default port is 80.

**Usermanagement**

*Development (Installation-One time):*

1 Install python3.9 **in** your environment

2 git clone https://github.com/instantAR/usermanagement.git

3 cd ./usermanagement/django/main

4 python3 -m pip install -r requirements.txt

*Development (Making changes to code):*

1 cd django/main

2 python3 manage.py runserver

*Docker Login (One time):*

1 docker login -u jituhooda -p e0880390-5373-4ed3-bdde-58f7b5998a13

*Build (at root directory of the repo):*

1 docker-compose build web

2 docker-compose push web

*Deployment*

1 Login to the VM

2 copy django/docker-client-files/docker-compose.yaml & .env in the VM

3 make sure the image tags **in** django/main/docker-compose.yaml are same **in** step 2 file

4 docker-compose pull

5 docker-compose up -d

*Verify Deployment*

1 Open Chrome browser

2 Open <VM-IP>:<PORT> **in** browser. Default port is 80.

**DjangoDataModel**

*Development (Installation-One time):*

1 Install python3.9 **in** your environment

2 git clone https://github.com/jituhooda/DjangoDataModel.git

3 cd ./DjangoDataModel

4 python3 -m pip install -r requirements.txt

*Development (Making changes to code):*

1 python3 manage.py runserver

*Docker Login (One time):*

1 docker login -u jituhooda -p e0880390-5373-4ed3-bdde-58f7b5998a13

*Build (at root directory of the repo):*

1 docker-compose build web

2 docker-compose push web

*Deployment*

1 Login to the VM

2 copy docker-client-files/docker-compose.yaml & .env **in** the VM

3 make sure the image tags **in** root directory's docker-compose.yaml are same **in** step 2 file

4 docker-compose pull

5 docker-compose up -d

*Verify Deployment*

1 Open Chrome browser

2 Open <VM-IP>:<PORT> **in** browser. Default port is 80.

**InstantAR-RefDocs**

*Development (Installation-One time):*

1 Install python3.9 **in** your environment

2 git clone https://github.com/subhamgoto/InstantAR-RefDocs.git

3 cd ./InstantAR-RefDocs

4 python3 -m pip install -r requirements.txt

*Development (Making changes to code):*

1 python3 manage.py runserver

*Docker Login (One time):*

1 docker login -u jituhooda -p e0880390-5373-4ed3-bdde-58f7b5998a13

*Build (at root directory of the repo):*

1 docker-compose build web

2 docker-compose push web

*Deployment*

1 Login to the VM

2 copy docker-client-files/docker-compose.yaml & .env **in** the VM

3 make sure the image tags **in** root directory's docker-compose.yaml are same **in** step 2 file

4 docker-compose pull

5 docker-compose up -d

*Verify Deployment*

1 Open Chrome browser

2 Open <VM-IP>:<PORT> **in** browser. Default port is 80.

**Python-Firebird**

(need to move to Instant-AR Org)

*Development (Installation-One time):*

1 Install python3.9 **in** your environment

2 git clone https://github.com/subhamgoto/Python-Firebird.git

3 cd ./Python-Firebird

4 python3 -m pip install -r requirements.txt

*Development (Making changes to code):*

1 python3 manage.py runserver

*Docker Login (One time):*

1 docker login -u jituhooda -p e0880390-5373-4ed3-bdde-58f7b5998a13

*Build (at root directory of the repo):*

1 docker-compose build web

2 docker-compose push web

*Deployment*

1 Login to the VM

2 copy docker-client-files/docker-compose.yaml & .env **in** the VM

3 make sure the image tags **in** root directory's docker-compose.yaml are same **in** step 2 file

4 docker-compose pull

5 docker-compose up -d

*Verify Deployment*

1 Open Chrome browser

2 Open <VM-IP>:<PORT> **in** browser. Default port is 80.

**ELK-Stack**

(need to move the repo to Instant-AR)

*Development (Installation-One time):*

1 Install python3.9 **in** your environment

2 git clone https://github.com/subhamgoto/ELK-Stack.git

3 cd ./ELK-Stack

4 docker-compose up setup

*Development (Making changes to code):*

1 docker-compose up -d

*Docker Login (One time):*

1 docker login -u jituhooda -p e0880390-5373-4ed3-bdde-58f7b5998a13

*Deployment*

1 Login to the VM

2 git clone https://github.com/subhamgoto/ELK-Stack.git

3 change variables **in** .env

4 docker-compose up setup

5 docker-compose up -d

*Verify Deployment*

1 Open Chrome browser

2 Open <VM-IP>:<PORT> **in** browser. Default port is 5601.