

Group 5: Run instructions

Projects in Machine Learning - INFO8665

Applied Artificial Intelligence and Machine Learning Program, Conestoga College Sec2

Ashraf, Hamna Fernandez, Arcadio Chen, Kun (Kyle)

Professor David Espinosa, PhD, MBET

August, 16 2024

1. First of all we create docker secret like below

```
docker swarm init
echo "xapp-1-A074H8NQJ23-7181182531969-
ed57de8747a48f5b53253db1feb7d8af61c7ea65ef1d5773c959340e6ae73a74" | docker secret
create slack_app_token -
echo "xoxb-7151988919749-7191456940736-UfM4CI9M77fjawxjs2dgrRHC" | docker secret
create slack_bot_token -
echo "https://onlyxool.atlassian.net" | docker secret create jira_url -
echo "ATATT3xFFGF0QE39cPvrUo1x3dntf1ALh1FwXdru14b-
cpgnzFDwphVoXBSKRBfMK0VgpPvWNK_n-ckesbuAtkT0e8dgs08tCGH-GC1E1jHPn1EBobLBCZdk0q8-
OXG9XJn6BMvkytjPLnw3pmFAe1jgIpChtGta7_lyqQ50eu-AHG-04wGsjsns=E0E476F1" | docker
secret create api_token -
echo "onlyxool@gmail.com" | docker secret create email -
echo "pomzyppm" | docker secret create flask_secret_key -
```

2. Then check if docker secret implement like below

```
Kyles-MacBook-Pro:AI-Scrum-Master onlyxool$ docker secret ls
ID                                NAME                                DRIVER    CREATED             UPDATED
kwevidar24jem1zq307s4y06u        api_token                           local      29 seconds ago     29 seconds ago
wgi9btaz5j9462t3tab6l4xgc        email                               local      29 seconds ago     29 seconds ago
3lsle86evy8jcl078koggvsiv        flask_secret_key                     local      27 seconds ago     27 seconds ago
aenejzfkwnpcx8ka5toe57ve9        jira_url                            local      29 seconds ago     29 seconds ago
uz2lthkfp57klkq5s4q93yvnr        slack_app_token                     local      29 seconds ago     29 seconds ago
jrd1q84wmd5itby3bzh1uhday        slack_bot_token                     local      29 seconds ago     29 seconds ago
```

3. Then pull the latest version docker image

```
docker pull onlyxool/ai-scrum-assistant:latest
```

4. Run docker container as service and mount the secrets to the container like below

```
docker service create -p 7804:80 --name AI_Scrum_Assistant \  
  --secret slack_app_token \  
  --secret slack_bot_token \  
  --secret jira_url \  
  --secret api_token \  
  --secret email \  
  --secret flask_secret_key \  
  onlyxool/ai-scrum-assistant:latest
```

After docker service start, it will take about 2 mins to download language model(The actual time depends on internet speed). After download finish, everything will all set.

We can use below command to check if the language model download finish.

```
docker ps -a #display all docker container id  
docker attach <container id>
```

5. Download and setup Slack

Download the Slack desktop application from the official Slack website:

<https://slack.com/intl/en-gb/downloads/windows>

After downloading, install Slack on your computer and log in with your Slack credentials.

Join the slack workspace by access below URL

<https://aiscrummaster.slack.com/>

Finally, User can interact with the AI-Scrum-Assistant

