Installation of Sugar Crm on Docker.

# Install docker on ubuntu system.

1. sudo apt-get update
2. sudo apt-get install \  
    ca-certificates \  
    curl \  
    gnupg \  
    lsb-release
3. sudo mkdir -p /etc/apt/keyrings
4. curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg
5. echo \  
    "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.gpg] https://download.docker.com/linux/ubuntu \  
    $(lsb\_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
6. sudo apt-get update
7. sudo apt-get install docker-ce docker-ce-cli containerd.io docker-compose-plugin

Now start the service

sudo service docker start

Click on the link if any error occurs during installation.

<https://docs.docker.com/engine/install/ubuntu/>

# Place the sugarcrm setup on this path /var/www/html

1. Unzip the setup

unzip SugarPro-11.0.3.zip

1. Rename

mv SugarPro-Full-11.0.3 sugar11

1. Change the permission

chmod -R 777 sugar11

1. Change the ownership

chown –R user:user sugar11

# Pull the images from docker hub.

1. docker pull qamar572/apache2-container-2
2. docker pull qamar572/elasticsearch-container-2
3. docker pull qamar572/sugar-mysql-2

# Create a network using the following command.

docker network create --subnet=172.16.0.0/16 customnetwork

# Create the containers using the following commands.

1. Create the apache2 container

docker run -d --name apache2-container-3 --network customnetwork --ip 172.16.0.11 -v /var/www/html:/var/www/html -e TZ=UTC -p 8000:80 apache2-container-2

1. Create the elastic search container

docker run -d --name elasticsearch-container-3 --network customnetwork --ip 172.16.0.12 -p 9200:9200 -p 9300:9300 -e "discovery.type=single-node" elasticsearch-container-2

1. Create the my-sql container

docker run -d --name sugar-mysql-3 --network customnetwork --ip 172.16.0.10 -p 3306:3306 -e MYSQL\_ROOT\_PASSWORD=123 sugar-mysql-2

# Now hint the URL in the browser.

<http://localhost:8000/sugar11>

# After following the setup enter like this

