

0. **Configure Hub Core and other necessary data components for retrieving data according to instructions provided by Energy@Work team.**

Running the file “setup.sh” is sufficient at this stage.

Note: Use Cyprus BRiG ID: 22040368 when running the component

When running setup.sh in hub_core use values below:

ROOT_USERNAME: root

BRIG_ID: 22040368

MYSQL_ROOT_PASSWORD: marco

MYSQL_DATABASE: collectief_db

DB_PORT: 3306

MYSQL_USER: collectief

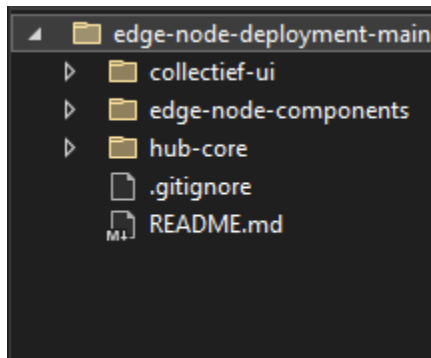
MYSQL_PASSWORD: collectief

MQTT_PASSWORD:

1. **Clone Repository from:**

<https://github.com/enaghiaei/Collectief-docker>

rename folder to “collectief-ui” and move the directory next to “hub-core” and “edge-node-components” directory as seen below:



2. In “collectief-ui/server/.env” directory add/update values to .env file as follows:

(Note: LOCAL_IP is your local network IP address)

Note: Values for **DB_HUB_*** parameters do not need to be updated unless values for hubcore setup.sh have been changed from step 0.

"""

LOCAL_IP = "YOUR_LOCAL_NETWORK_IP"

DB_USER = "collectief_user"

DB_PASS = "collectief_user"

```
DB_NAME = "collectief"
DB_HOST = "mysql_db"
DB_PORT = "3307"
DB_HUB_USER = "root"
DB_HUB_PASS = "marco"
DB_HUB_NAME = "collectief_db"
DB_HUB_HOST = "maria_db"
DB_HUB_PORT = "3306"
""""
```

3. In “collectief-ui” directory open “docker-compose_for_all.txt” and copy all text and paste it on docker-compose.yml file on edge-node-components.
4. In “edge-node-components” directory:
Run command:
'''docker compose up'''
5. Run <http://localhost:3003> in a browser (Edge or Chrome preferred – do not use Safari) to view COLLECTiEf application interface.
6. Use the following credentials to log in:

Edge Node User:

User: collectief4@gmail.com

Pass: 12345678

Facility Manager:

User: collectief3@gmail.com

Pass: 12345678

Cluster Manager:

User: collectief2@gmail.com

Pass: 12345678

You may add new users as needed using the application interface in the main menu. Hierarchical order must be preserved; that is, each access level can add users with access less than or equal to them.

If you need to access MySQL database directly, you may follow the instructions below:

To enter the database in the terminal of MySQL's container, use command:

```
mysql -u root -p
```

and then enter root password from docker file.

Once you have successfully logged in, select collectief database with command:

```
use collectief;
```

To see tables, use command:

```
show tables;
```

Note: If passwords are manually updated in the docker file, you need to delete containers and create it again.