HOW TO SETUP TEST ENVIRONTMENT WINDOWS

Software Requirement :

1. Git
2. NodeJs
3. Composer
4. MongoDB

1. Run Json-Server
   - Install
     - cd gis-military-frontend (FrontEnd Directory)
     - npm install json-server

   - Run
     - .\node_modules\.bin\json-server db.json --port 3004
     - Db.jon download di link slack
       http://jsoneditoronline.org/?id=686585a8d57663659dda51b2a3bf8506
       save as db.json

   sample output :

   ```
   ASUS@IT D:\Work\Project\gis-military-frontend
   > .\node_modules\.bin\json-server db.json --port 3004

     \{^_^}/ hi!

     Loading db.json
     Done

     Resources
     http://localhost:3004/uo
     http://localhost:3004/kotama
     http://localhost:3004/pangkat
     http://localhost:3004/satker
     http://localhost:3004/personnel

     Home
     http://localhost:3004

     Type s + enter at any time to create a snapshot of the database
   GET /uo 200 16.665 ms - 220
   GET / 200 8.714 ms - -
   GET /style.css 200 4.096 ms - 780
   GET /main.js 200 8.587 ms - -
   GET /__rules 404 0.948 ms - 2
   GET /db 200 35.483 ms - -
   GET /kotama 200 8.458 ms - -
   GET /db 304 18.285 ms - -
   ```

2. Run MongoDB
   - Install
     Download http://www.mongodb.org/downloads and install

- Set Sebagai Service Windows & Run
  - C:\Program Files\MongoDB\Server\3.4\bin>mongod.exe --install --journal --logpath C:\db\mongo.log --dbpath=c:\db
    --logpath : log file
    --dbpath : db data directory
  - C:\Program Files\MongoDB\Server\3.4\bin>net start mongodb
    The MongoDB service is starting..
    The MongoDB service was started successfully.

  STOP service mongodb

  C:\Program Files\MongoDB\Server\3.4\bin>net stop mongodb

Sample Output :

```
C:\Program Files\MongoDB\Server\3.4\bin>net stop mongodb
The MongoDB service is stopping.
The MongoDB service was stopped successfully.


C:\Program Files\MongoDB\Server\3.4\bin>net start mongodb
The MongoDB service is starting..
The MongoDB service was started successfully.


C:\Program Files\MongoDB\Server\3.4\bin>
```

3. Run Backend
   - Clone Repo
     https://user@bitbucket.org/ssonlab/gis-military-backend.git
   - Cd gis-military-backend
   - npm install -g yarn
   - yarn
   - Create File .env
     - Copy file .env.example
     - Save .env

     NODE_ENV=development
     PORT=4040
     JWT_SECRET=0a6b944d-d2fb-46fc-a85e-0295c986cd9f
     MONGO_HOST=mongodb://localhost/express-mongoose-es6-rest-api-development
     MONGO_PORT=27017
     SYNC_HOST=http://localhost:3004

Sample Output :

```
ASUS@IT D:\Work\Project\gis-military-backend
> yarn start
yarn run v1.2.1
$ gulp serve
[06:00:29] Requiring external module babel-register
[06:00:30] Using gulpfile D:\Work\Project\gis-military-backend\gulpfile.babel.js
[06:00:30] Starting 'clean'...
[06:00:31] Finished 'clean' after 742 ms
[06:00:31] Starting 'serve'...
[06:00:31] Starting 'copy'...
[06:00:31] Starting 'babel'...
[06:00:32] Finished 'serve' after 1.14 s
[06:00:37] Finished 'copy' after 6.2 s
[06:00:39] Finished 'babel' after 7.56 s
[06:00:39] Starting 'nodemon'...
[06:00:40] Finished 'nodemon' after 838 ms
[06:00:40] [nodemon] 1.11.0
[06:00:40] [nodemon] to restart at any time, enter `rs`
[06:00:40] [nodemon] watching: *.*
[06:00:40] [nodemon] starting `node dist\index.js`
server started on port 4040 (development)
```

4. Run Frontend
    *   Clone Repo
        https://user@bitbucket.org/ssonlab/gis-military-frontend.git
    *   Cd gis-military-frontend
    *   Npm run setup
    *   Npm start

Sample Output :

```
ASUS@IT D:\Work\Project\gis-military-frontend
> npm start

> react-boilerplate@3.4.0 start D:\Work\Project\gis-military-frontend
> cross-env NODE_ENV=development node server

Server started ! ✓

Access URLs:
-----------------------------------
Localhost: http://localhost:3000
     LAN: http://192.168.8.105:3000
-----------------------------------
Press CTRL-C to stop
```
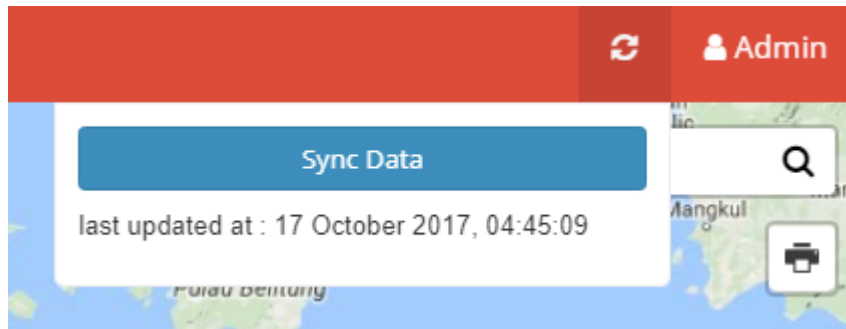
TESTING

1. Access http://localhost:3000
2. Test sync json

3. Check mongodb
   Install Robomongo
   download https://robomongo.org/