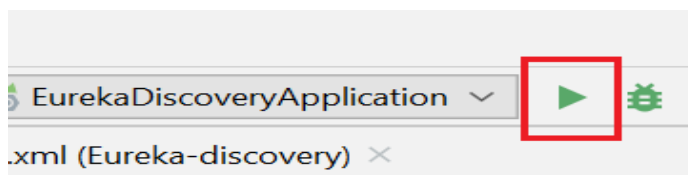


# DOCUMENTATION

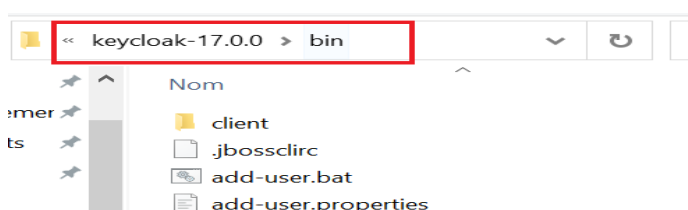




1. Décompresser le fichier 'Code source.zip'.
2. Ouvrir le projet 'Eureka-discovery' avec un éditeur.
3. Exécuter ce projet:



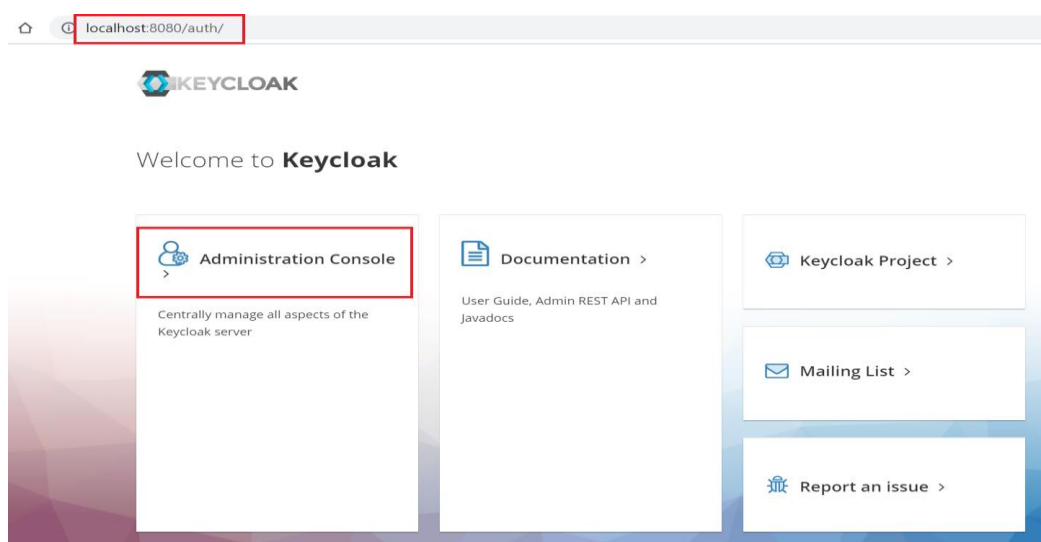
4. Ouvrir le projet 'Gateway-service' et l'exécuter.
5. Ouvrir le projet 'ms-Modules' et l'exécuter.
6. Accéder au répertoire bin qui se trouve dans le dossier 'keycloak-17.0.0':



7. Lancer la commande 'standalone.bat' dans le terminal pour démarrer keycloak:



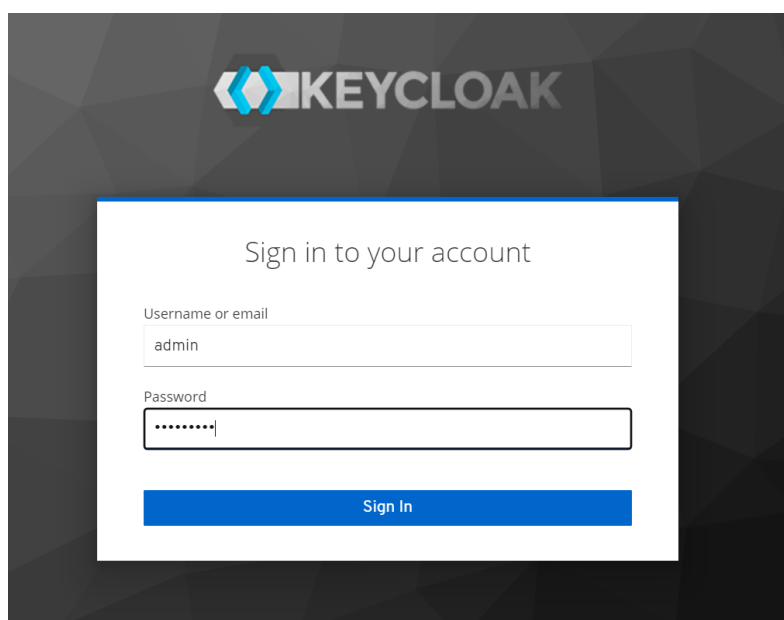
8. Une fois keycloak est démarré, vous pouvez accéder à l'espace d'administration en tapant '<http://localhost:8080/auth/>' dans le navigateur:





9. Ensuite, saisir les informations d'authentification:

- Username: admin
- Password: admin1234



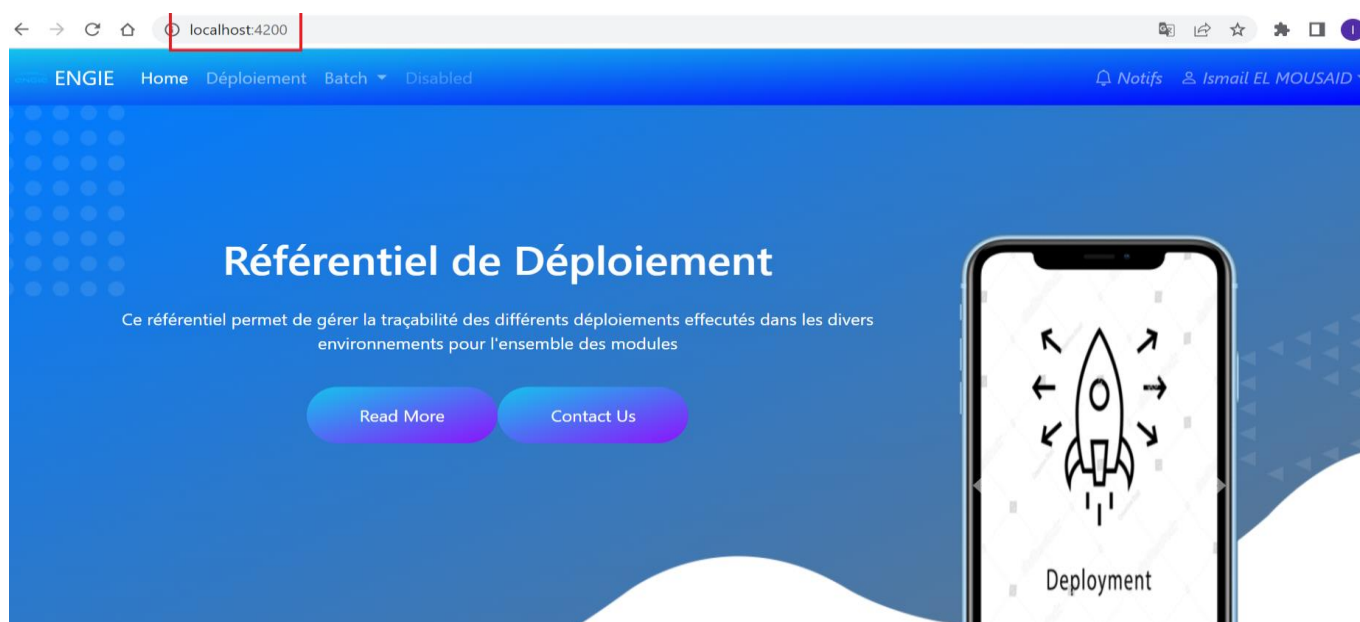
10. Ouvrir le projet 'ms-FrontEnd' avec un éditeur, et installer les dépendances avec la commande:

```
PS C:\Users\ielmoussa\Desktop\pfe\Projet\ms-FrontEnd> npm install --force
```

11. Après, démarrer ce microservice en lançant la commande:

```
PS C:\Users\ielmoussa\Desktop\pfe\Projet\ms-FrontEnd> ng serve
```

12. À la fin, vous pouvez consulter l'application via l'url '<http://localhost:4200/>' :






13. Vous pouvez également tester les API Rest via l'interface de Swagger  
[‘http://localhost:8081/swagger-ui.html’](http://localhost:8081/swagger-ui.html):

← → ↺ ⌂ ⓘ localhost:8081/swagger-ui.html

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 **swagger**

default (/v2/api-docs) ▾

Explore

### Swagger REST API

Swagger Description details

Created by EL MOUSAID Ismail

<b>branche-rest-controller : REST API Branche</b>	Show/Hide	List Operations	Expand Operations
<b>deploiement-rest-controller : Deploiement Rest Controller</b>	Show/Hide	List Operations	Expand Operations
<b>environnement-rest-controller : Environnement Rest Controller</b>	Show/Hide	List Operations	Expand Operations
<b>module-rest-controller : Module Rest Controller</b>	Show/Hide	List Operations	Expand Operations
<b>tag-rest-controller : Tag Rest Controller</b>	Show/Hide	List Operations	Expand Operations

[ BASE URL: / , API VERSION: 1.0 ]

A large, abstract, light blue line graphic that starts from the left, curves upwards and to the right, then loops back down and to the left, ending near the bottom left of the page.

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