

Rapport projet PSI

Etudiants :

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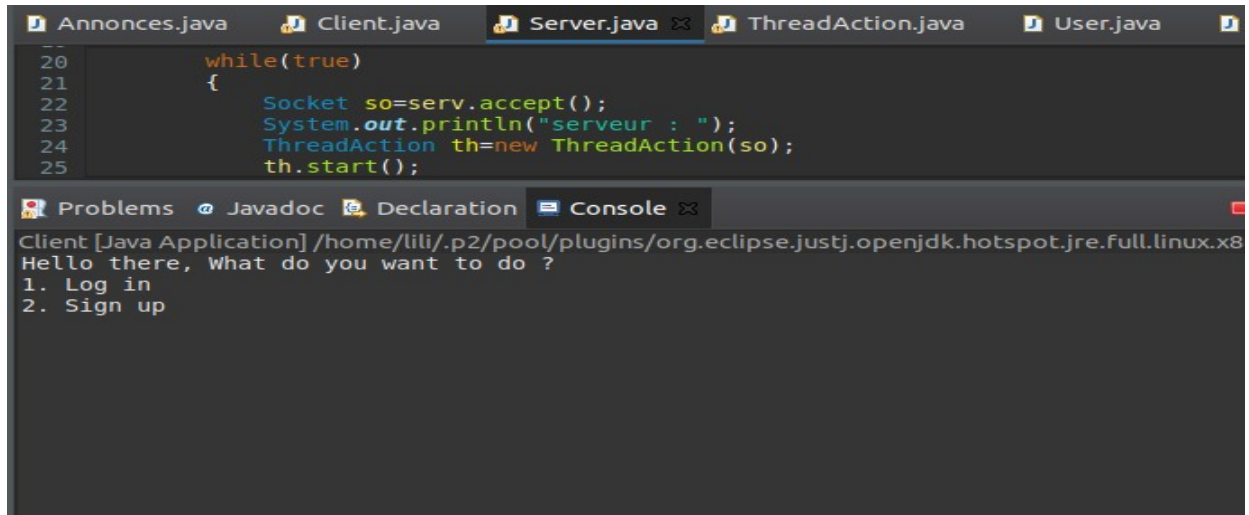
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Notre application est une application client-serveur, elle marche comme suit :
on lance d'abord le serveur sur le port numéro 1027, celui ci attends qu'un client demande de se connecter pour l'accepter.

Une fois le serveur a accepter le client la connexion s'établie.

Le client aura donc un menu lui permettant de choisir : il doit taper soit 1 soit 2 :

1. LOGIN : pour s'identifier s'il a déjà un compte, et cela en renseignant son adresse mail et son mot de passe
2. SIGNUP : pour s'inscrire s'il n'a pas déjà un compte.



The screenshot shows the Eclipse IDE with the 'Server.java' file open. The code in the editor is as follows:

```
20 while(true)
21 {
22     Socket so=serv.accept();
23     System.out.println("serveur : ");
24     ThreadAction th=new ThreadAction(so);
25     th.start();
```

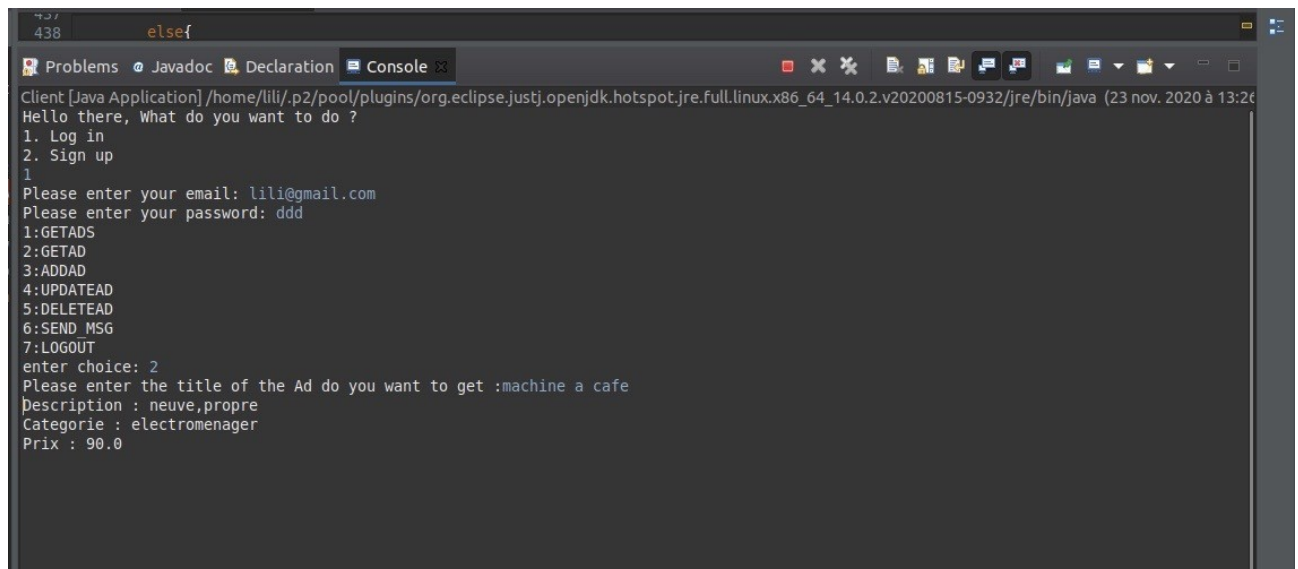
The 'Console' view at the bottom shows the following output:

```
Client [Java Application] /home/lili/.p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.linux.x86_64
Hello there, What do you want to do ?
1. Log in
2. Sign up
```

- Si le client a choisi 2 , il aura un formulaire d'inscription celui ci doit être complètement rempli, si l'identifiant que le client a choisi existe déjà le serveur l'invite a se connecter (Login).
- Si le client a choisi 1, ou il s'est inscrit un autre menu sera affiché.

Ce menu contiendra toutes les commandes qui sont implémentées de notre application :

1. GETADS : retourne toutes les annonces existantes.
2. GETAD : affiche une annonce dont le client à préciser le titre.



The screenshot shows the Eclipse IDE Console with the following output:

```
Client [Java Application] /home/lili/.p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.linux.x86_64_14.0.2.v20200815-0932/jre/bin/java (23 nov. 2020 à 13:26)
Hello there, What do you want to do ?
1. Log in
2. Sign up
1
Please enter your email: lili@gmail.com
Please enter your password: ddd
1:GETADS
2:GETAD
3:ADDAD
4:UPDATEAD
5:DELETEAD
6:SEND_MSG
7:LOGOUT
enter choice: 2
Please enter the title of the Ad you want to get :machine a cafe
Description : neuve,propre
Categorie : electromenager
Prix : 90.0
```

1.

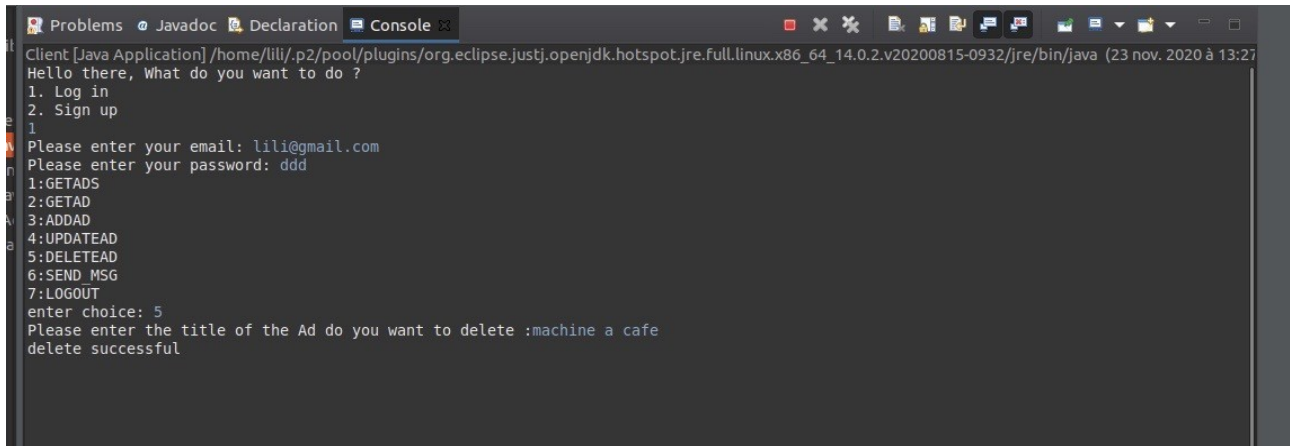
3.ADDAD : permet de rajouter une annonce en choisissant son titre, le domaine , le prix et la description

```
File Edit Source Refactor Navigate Search Project Run Window Help
Pac... 438 else{
src
  projet_psi
    Announce
    Client.java
    Commun
    Server.java
    ThreadA
    User.java
Problems Javadoc Declaration Console
Client [Java Application] /home/lili/.p2/pool/plugins/org.eclipse.justi.openjdk.hotspot.jre.full.linux.x86_64_14.0.2.v20200815-0932/jre/bin/java (23 nov. 2020 à 13:23)
Hello there, What do you want to do ?
1. Log in
2. Sign up
1
Please enter your email: lili@gmail.com
Please enter your password: ddd
1:GETADS
2:GETAD
3:ADDAD
4:UPDATEAD
5:DELETEAD
6:SEND_MSG
7:LOGOUT
enter choice: 3
Please the title of the Ad:machine a cafe
Please enter the description:neuve,propre
Please enter the price:100
Please enter the id of the categorie:electromenager
succesful!
```

4.UPDATEAD : permet de modifier annonce en saisissant son titre , le client peut choisir les informations qu'il veut modifier

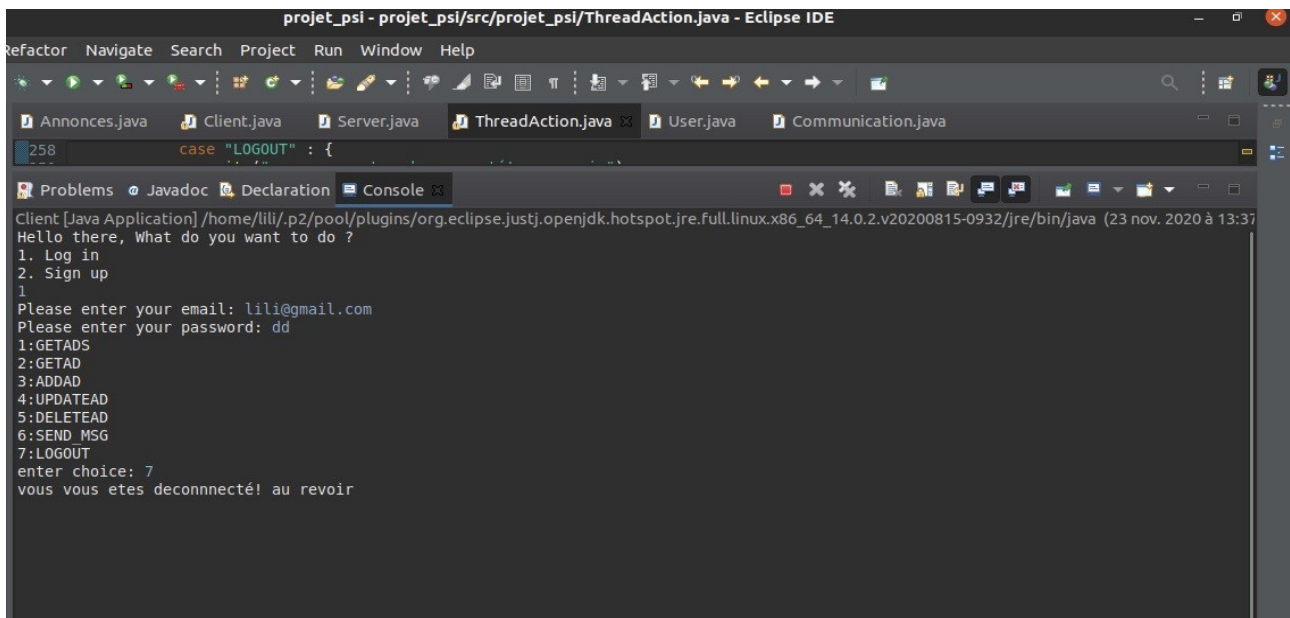
```
File Edit Source Refactor Navigate Search Project Run Window Help
Pac... 438 else{
src
  projet_psi
    Announce
    Client.java
    Commun
    Server.java
    ThreadA
    User.java
Problems Javadoc Declaration Console
Client [Java Application] /home/lili/.p2/pool/plugins/org.eclipse.justi.openjdk.hotspot.jre.full.linux.x86_64_14.0.2.v20200815-0932/jre/bin/java (23 nov. 2020 à 13:25)
Hello there, What do you want to do ?
1. Log in
2. Sign up
1
Please enter your email: lili@gmail.com
Please enter your password: s
1:GETADS
2:GETAD
3:ADDAD
4:UPDATEAD
5:DELETEAD
6:SEND_MSG
7:LOGOUT
enter choice: 4
Please enter the title of the Ad do you want to update :machine a cafe
do you want to modify the title ? please enter "y" for yes or "n" for no
n
do you want to modify the description? please enter "y" for yes or "n" for no
n
do you want to modify the price? please enter "y" for yes or "n" for no
y
please enter the new price
90
do you want to modify the category? please enter "y" for yes or "n" for no
n
update successful
```

5.DELETAD : permet au client de supprimer une annonce dont il choisit le nom si cette annonce existe.



```
Client [Java Application] /home/lili/.p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.linux.x86_64_14.0.2.v20200815-0932/jre/bin/java (23 nov. 2020 à 13:27)
Hello there, What do you want to do ?
1. Log in
2. Sign up
1
Please enter your email: lili@gmail.com
Please enter your password: ddd
1:GETADS
2:GETAD
3:ADDAD
4:UPDATEAD
5:DELETEAD
6:SEND MSG
7:LOGOUT
enter choice: 5
Please enter the title of the Ad do you want to delete :machine a cafe
delete successful
```

7.LOGOUT : elle permet au client de se déconnecter du serveur, le serveur lui reste toujours en attente d'autres demande de connection.



```
projet_psi - projet_psi/src/projet_psi/ThreadAction.java - Eclipse IDE
Refactor  Navigate  Search  Project  Run  Window  Help
Annonces.java  Client.java  Server.java  ThreadAction.java  User.java  Communication.java
258      case "LOGOUT" : {
...
Client [Java Application] /home/lili/.p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.linux.x86_64_14.0.2.v20200815-0932/jre/bin/java (23 nov. 2020 à 13:37)
Hello there, What do you want to do ?
1. Log in
2. Sign up
1
Please enter your email: lili@gmail.com
Please enter your password: dd
1:GETADS
2:GETAD
3:ADDAD
4:UPDATEAD
5:DELETEAD
6:SEND MSG
7:LOGOUT
enter choice: 7
vous vous etes deconnecté! au revoir
```

6.SEND_MSG : permet au client d'envoyer un message a un autre client .

```

20     while(true)
21     {
22         Socket so=serv.accept();
23         System.out.println("serveur : ");
24         ThreadAction th=new ThreadAction(so);
25         th.start();

```

Client [Java Application] /home/lili/.p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.linux.x86_64_14

Hello there, What do you want to do ?

1. Log in
2. Sign up
1

Please enter your email: lili@gmail.com
Please enter your password: ddd

1:GETADS
2:GETAD
3:ADDAD
4:UPDATEAD
5:DELETEAD
6:SEND_MSG
7:LOGOUT
enter choice: 6
entrez l'identifiant de l'utilisateur (id)2
127.0.0.1
2003
entrez votre message !
salut

Plusieurs clients peuvent se connecter au même temps au serveur , voici l'exemple de deux clients qui se connecte au serveurs :

Client [Java Application] /home/lili/.p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.linux.x86_64_14

23
SignUp succeeded
1:GETADS
2:GETAD
3:ADDAD
4:UPDATEAD
5:DELETEAD
6:SEND_MSG
7:LOGOUT
enter choice: 3
Please the title of the Ad:e
Please enter the description:e
Please enter the price:2
Please enter the id of the categorie:d
successful!

Client [Java Application] /home/lili/.p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.linux.x86_64_14

1. Log in
2. Sign up
1
Please enter your email: lili@gmail.com
Please enter your password: z
1:GETADS
2:GETAD
3:ADDAD
4:UPDATEAD
5:DELETEAD
6:SEND_MSG
7:LOGOUT
enter choice: 3
Please the title of the Ad:z
Please enter the description:z
Please enter the price:2
Please enter the id of the categorie:e
successful!