

Create a rest service with these end-points :

**[PUT : /api/user/add]**

request body :

```
{
  "username" : "user_name",
  "phone" : "phone",
  "password" : "user_password"
}
```

**[GET : /api/users]**

response body :

```
{
  "users" : [
    {
      "id": "user_id",
      "phone": "phone"
    }
  ]
}
```

**[POST : /api/user/login]**

request body :

```
{
  "username" : "username",
  "password" : "user_password"
}
```

response body :

```
{
  "id" : "id",
  "token" : "session_token"
}
```

**[POST : /api/user/logout/{id}]**

```
{  
  "token" : "session_token"  
}
```

Create a web client that can make calls to your server.

1. Allow users to submit their details containing a username, phone number and password.
2. Add functionality that allows the user to login/logout.
3. Create a view that contains a list of all the unique users that are registered.
4. Create a view that contains a count or a list of users that have called login within the last 5 minutes.
5. Restrict the functionality in 3. to authenticated users only.
6. The list or number of users in 4. must update dynamically. When a 2nd user has started a session, the counter or list in 4. must increase.
7. Expire the security token after 3 minutes if the user is inactive. When a user's token expires or is logged out, the counter or list in 4. must decrease.
8. Optional: Include auditing for user interactions.

You may modify or add more end-points and properties to the sample request/response packets above if required.

You may use any of your preferred technologies or libraries, but you **MUST** make use of:

Git and Java as the core of your project.

Use an in-memory database for any persistence.

Please submit your source to a public SCM host and provide Global Kinetic with access details and documentation on how to run your project(s).

NOTE: Prioritize quality over completing all the points in time.