

## PROJECT 4(II) – COP5615

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Run in terminal(for linux)-  
To run the server-  
- **mix phx.server**

Now to show the functionalities:-  
go to the local host- **http://localhost:4000**

<i>Registering the user</i>	<b>/user/:username/register?pass=:pass</b>
<i>Login user</i>	<b>/user/:username/login?pass=:pass</b>
<i>For Tweeting</i>	<b>/user/:username/tweet?tweet=:message</b>
<i>All the users registered</i>	<b>/user/:username/getallusers</b>
<i>Tweets to find mentions</i>	<b>/user/:username/findmention?find=:@name</b>
<i>Finding the tags</i>	<b>/user/:username/findmention?find=:#tag</b>
<i>Logout user</i>	<b>/user/:username/logout</b>

I have build separate controllers for all these functionalities:

- **register\_controller.ex**
- **login\_controller.ex**
- **tweet\_controller.ex**
- **user\_controller.ex**
- **fetchmention\_controller.ex**
- **fetchtag\_controller.ex**
- **logout\_mention.ex**

Working:

- If you try to register a user that is already registered then you would get the status- **“User already exist”** otherwise the status- **“Registration successful”**
- If you do not provide the correct keyword for password (that is **pass** in this project) while registering the user then status-**“Register unsuccessful”**
- If you login without successfully registering the user then you would get a status- **“User not registered”** otherwise if you login a registered user then status – **“Login successful”**
- If you do not provide the correct keyword for password (that is **pass** in this project) while logging in the registered user then status- **“Login unsuccessful”**
- If you try to login a user with wrong password you get a status- **“Invalid password”**
- If you try to login the user which has already been logged in, you would get the status- **“User already logged in”**
- If you try to logout the user without been logged in, you would get the status- **“User not logged in”** otherwise if you logout a valid user then the status- **“User successfully logged out”**
- If there is anything wrongly typed while getting all users, finding mention and finding tags then status- **“Invalid query”** otherwise in status you would see the appropriate output for the asked query