INTERNET AND WEB SYSTEMS 1

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Report- Week 9

Summary:
Facebook OAuth will work is as follows:

- The user will click on Facebook login button. This will invoke a Facebook URL.
- Once the Facebook URL is invoked Facebook will validate whether the application ID is correct or not and if correct it will redirect the client to its login page.
- Once the user finishes entering his/her Facebook credential, Facebook will validate those credentials and redirect to browser with a redirect URL.
- Now the browser will call your redirect URL. And this redirect URL in turn will call Facebook to request for access token.
- Facebook upon validating your credentials will respond back with the access code.
- Redirect URL page will again call Facebook to request the user data by sending the access Code.
- Facebook will validate the access code and reply back with the data that you requested.

During this week mostly, I worked on integration part and I am trying to post on Facebook which is a challenging part. Also, tomcat sever is crashing again and again because of which also I am taking so much to finish my project.

Milestone Accomplished:
- Trying to integrate the entire code using angular js, html and CSS as front end and java as a backend.
- Integrating of the 3 social platform is taking a huge amount of time and I am still working on this.

Problems encounter:
- tomcat serving shows an error message" an internal error has occurred".
- When I am trying to do maven clean it says" maven clean cannot be done"

Problems solved:
- Cleaned the server multiple times in eclipse
- Cleaned the project multiple times in eclipse.
- Checked the force update of snapshot/releases in eclipse as sometimes maven dependencies doesn't get update with time so we have to do it manually.
- Checked the build automatically in eclipse.

References:
- https://stackoverflow.com/questions/21245796/javax-net-ssl-sslhandshakeexception-remote-host-closed-connection-during-handsh
- https://developers.facebook.com/
- https://developers.facebook.com/docs/facebook-login/manually-build-a-login-flow/
- https://mvnrepository.com/artifact/org.facebook4j/facebook4j-core