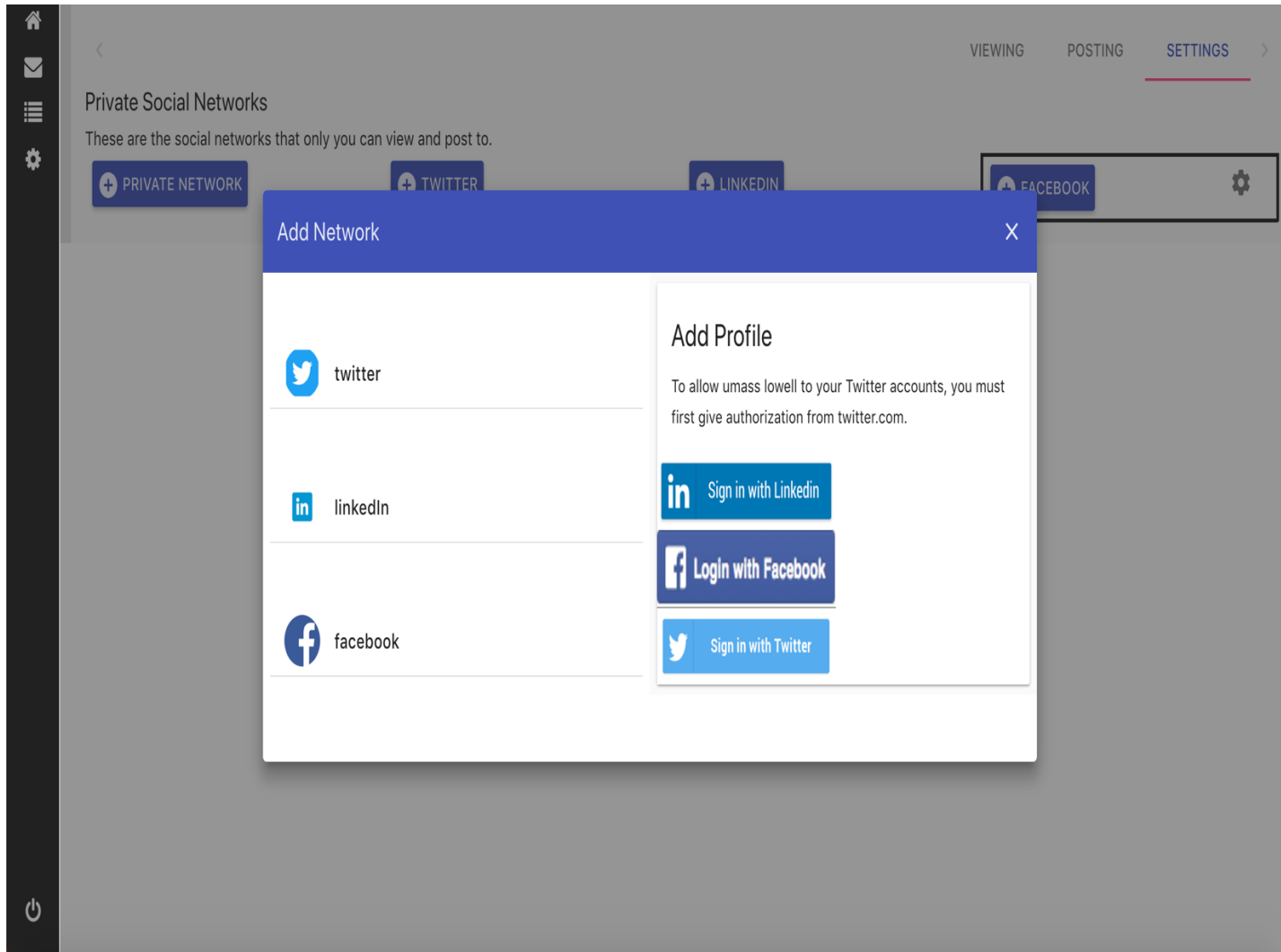# INTERNET AND WEB SYSTEMS 1

Charora, Aditi

Report- Week 10
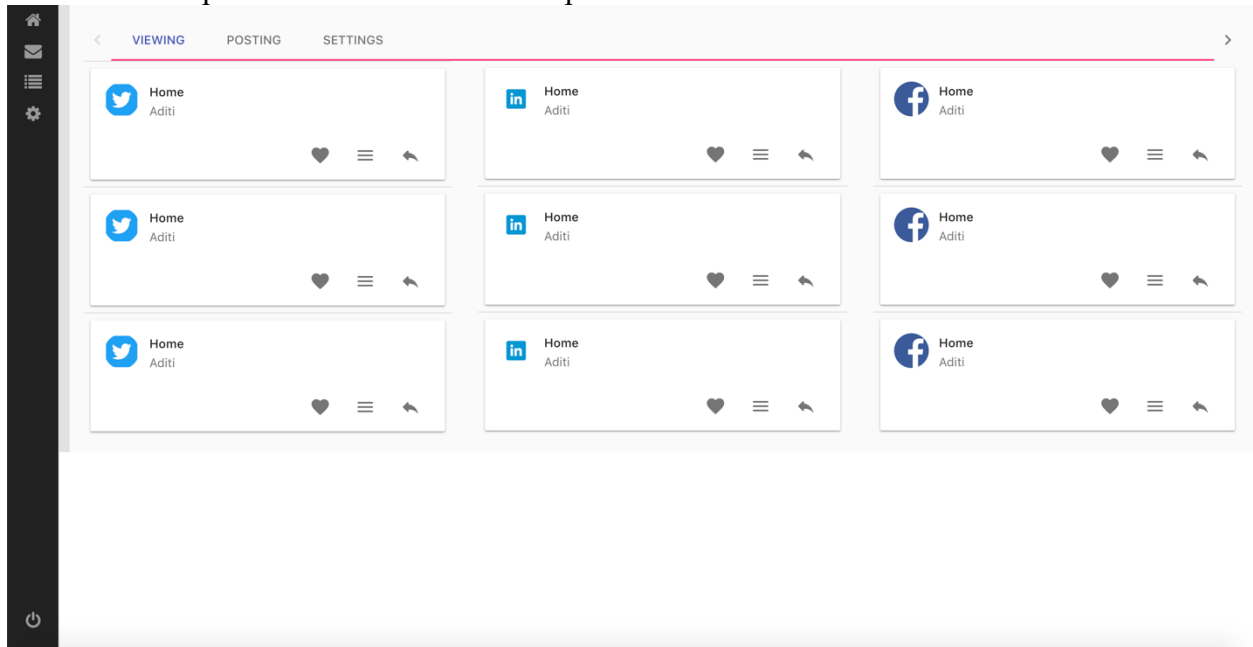
Summary:
I have finished integrating all the 3 social management platform, LinkedIn, Facebook, and Twitter and also integrated these platforms together so that they can appear together. I have also created a UI which looks like a dashboard and there I have integrated all these three platforms. You can see the image below.

From here you can choose any of the 3 platform on which you want to work. If you click on LinkedIn it will let you LinkedIn where you have to fill your username and password to get into your profile. Also it will let you share a post which I have already added into the code.
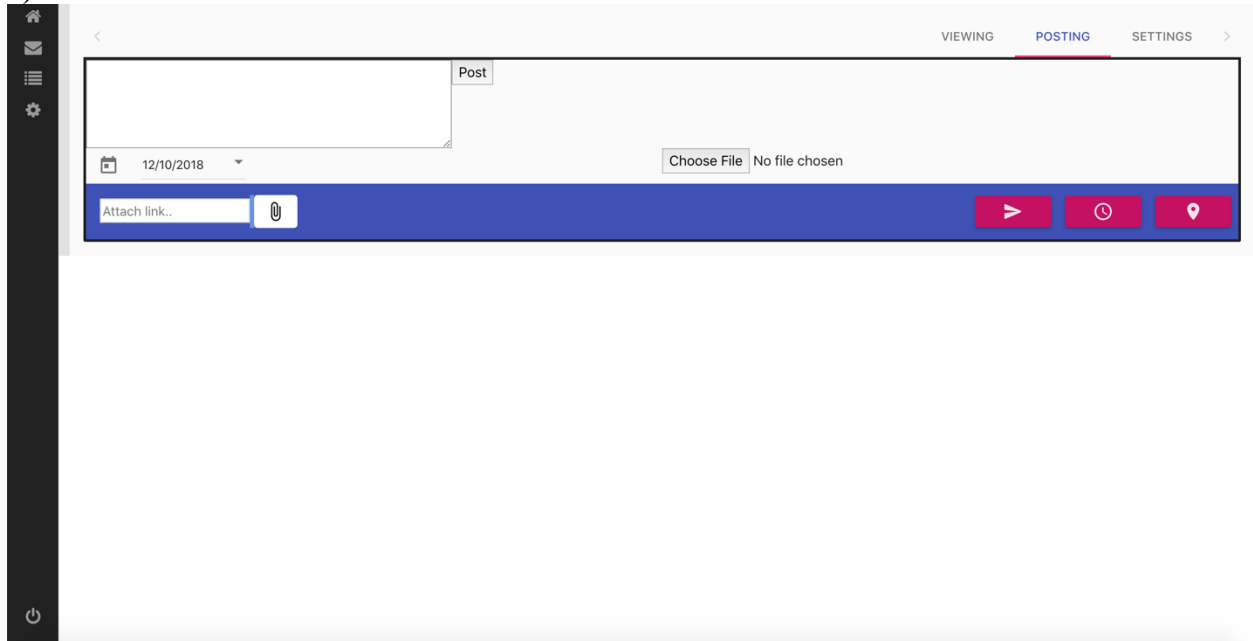
The future extension of my projects includes displaying the feeds (news feeds, messages, notifications) for the LinkedIn, Twitter and Facebook on these cards in the viewing tab so that user can see all this personal information in one place.
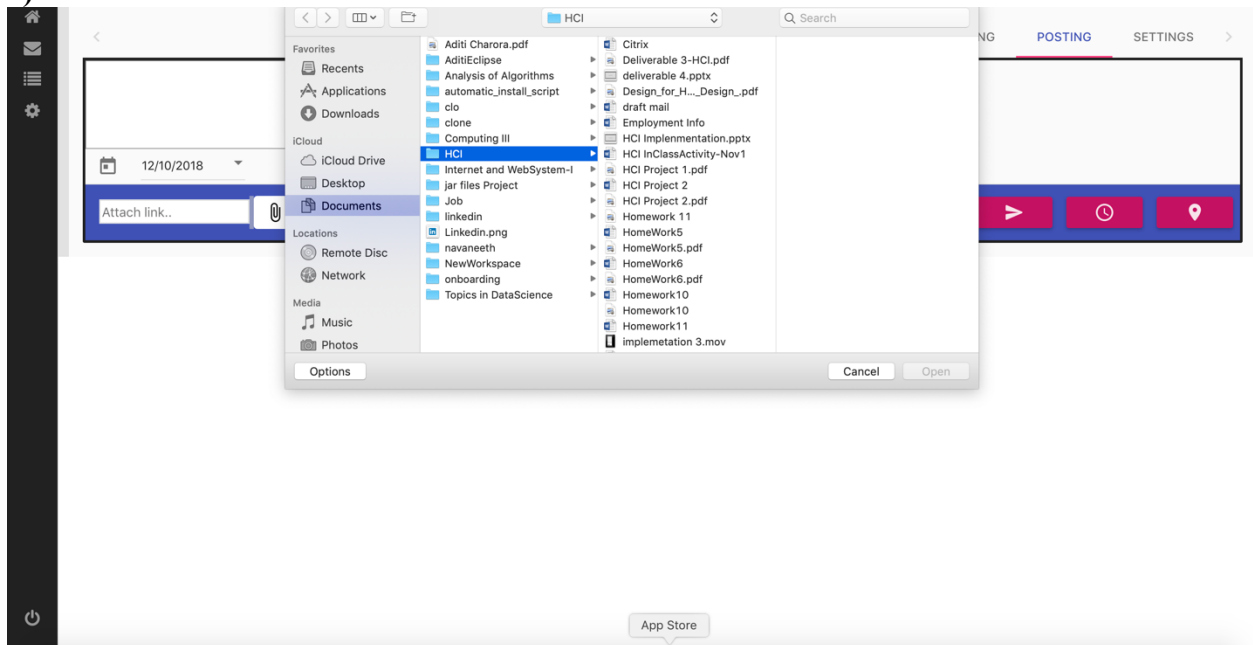

Also, I am working on scheduling posts. For example, if a user wants to schedule a post on Facebook at 12 am and wants to attach some file.
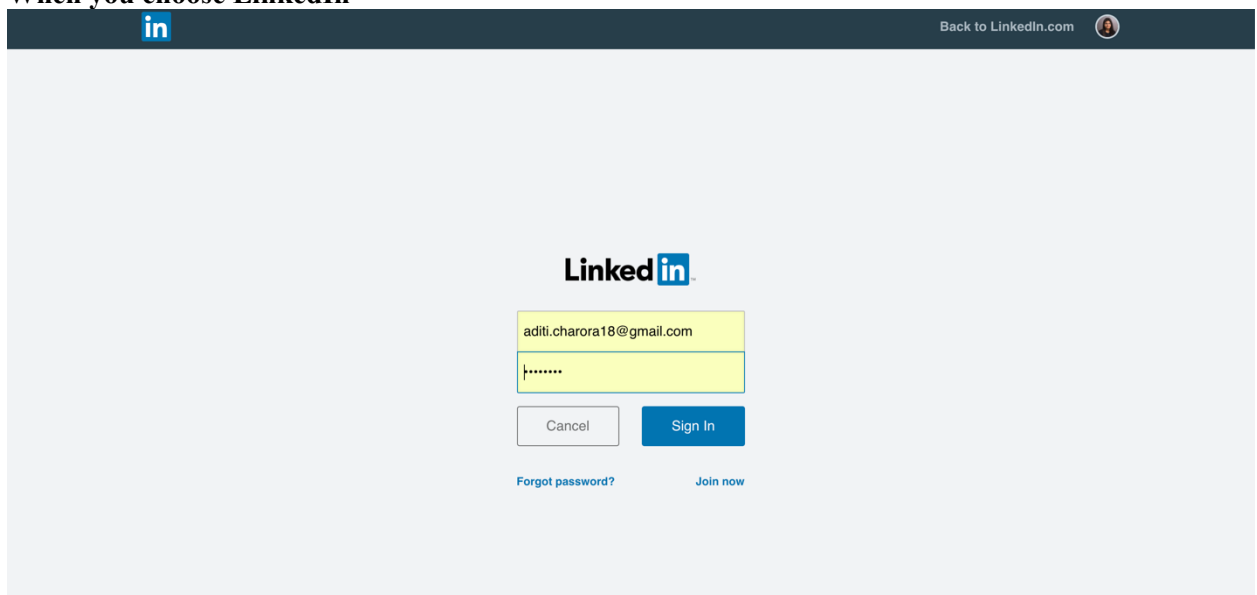
1)

2)

Milestone Accomplished:

- Finished integrating Facebook.
- Finished integrating twitter.
- Finished integrating LinkedIn.
- Integrated all these three platforms in a dashboard from where you can choose any of the three platform on which you want to work.
- See the images below
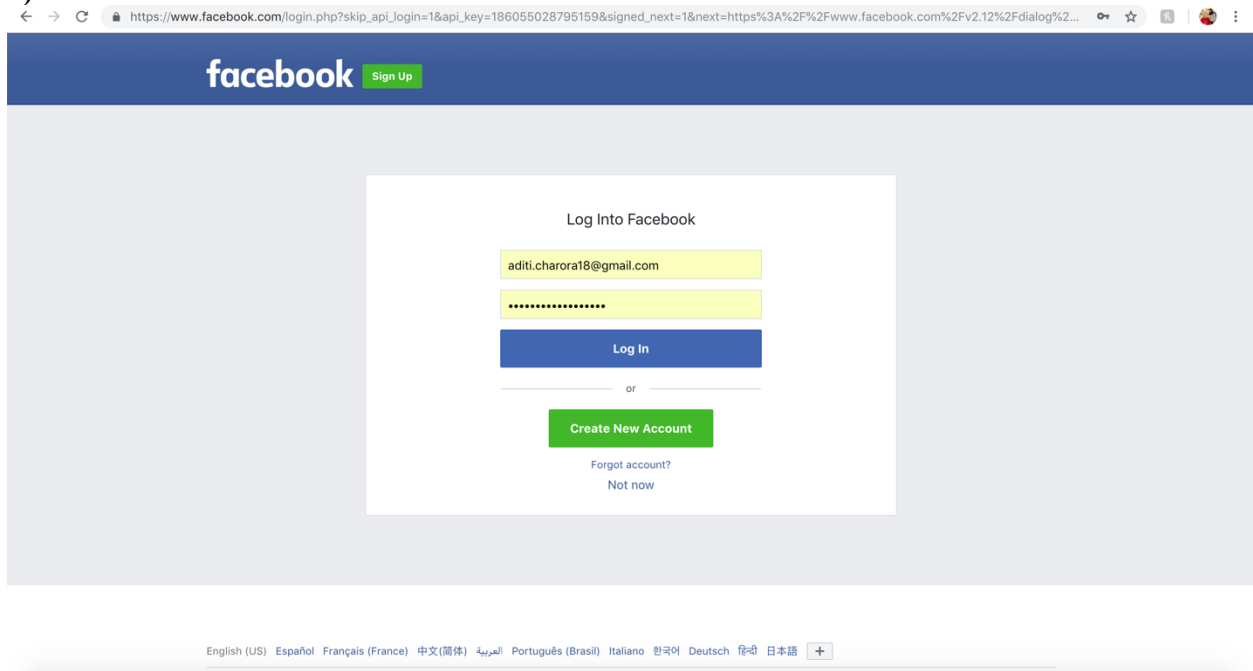- **When you choose LinkedIn**

- **When you choose Facebook**

1)

2)

Problems encounter:
- I forgot to add the external jar files" java.jason.jar" so my project was not able to run on tomcat.
- Apart from that the project requires adding other external jars so you have to be careful.
- 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:
- Added the java.json.jar file and other external jars which the project needed at the time of run.
- I took the help from google and added log4.jar and org.apache.commons.jar.
- Cleaned the server multiple times in eclipse which helps in removing the cached copy on the server.
- Also, cleaned the project multiple times in eclipse because it saves the state of the project, so we need to clean it every time before building and running.
- Checked the force update of snapshot/releases in eclipse as sometimes maven dependencies don't get update with time, so we have to do it manually. This is the important step that you have to do which I figured out when I encountered the error.
- 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
- https://dzone.com/articles/creating-a-spring-boot-project-with-eclipse-and-ma
- https://docs.spring.io/spring-boot/docs/current/reference/html/getting-started-first-application.html