



INTERNET AND WEB SYSTEMS 1

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Report- Week 6

Summary:

This week mostly I focused on integrating twitter. I went through all the required documentation to integrate twitter and created an application within my twitter account. I am using “twitter 4j” which is a java library for twitter API for the authentication and posting on twitter. The process is slightly different from the one which I used in LinkedIn. Here users are not redirected but instead returned a PIN key that they have to enter in order to get the final authorization

I am also trying to post message on my twitter account through the third-party application. So, if the user authorizes the twitter application then it will let you create post on twitter.

I successfully integrated the twitter code into my project. Currently, I am creating separate individual files for LinkedIn, Twitter and Facebook and in the end, I will merge the entire code. Now I am successfully able to login to my twitter account and also, I can post on my twitter account.

Milestone Accomplished:

- Successfully able to integrate twitter
- Successfully able to create a post and post it on twitter profile
- Successfully integrated twitter using OAuth2.0 framework.
- Started integrating the code for LinkedIn and twitter on a single page.

Problems encounter:

- While posting on twitter I encountered the problem as it was not letting me post it on twitter profile even after my credentials were right.
- I encountered the problem when I was merging the code for LinkedIn and twitter.

Problems solved:

- I solved this problem by again reading the documentation for how to post it on twitter on figured out that there was something wrong in the URL which I was using to send. Twitter docs helped me a lot through this.
- I am still not able to solve the merging problem and I am still working on this.

References:

1. https://requests-oauthlib.readthedocs.io/en/latest/oauth2_workflow.html
2. <https://developer.twitter.com/content/developer-twitter/en.html>
3. <https://developer.twitter.com/en/docs>
4. <https://developer.twitter.com/en/docs/twitter-for-websites/timelines/overview>