



INTERNET AND WEB SYSTEMS 1

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Report- Week 7

Summary:

This week mostly I focused on integrating Facebook. I went through all the required documentation to integrate Facebook using Facebook OAuth Login API and to get Facebook profile data like name, email and gender.

To start with firstly, I created a web application on Facebook developer. The process of how 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.

Milestone Accomplished:

- I created the web application on Facebook developer.
- Start learning the MVC Framework and integrated the Facebook with the similar manner.
- Created a controller called Facebook Controller which will respond to all the incoming requests.
- Created the sign in servlet for Facebook sign in.

Problems encounter:

1. Learning MVC framework.
2. Creating and managing the servlets as I was new to this framework.,
3. I Took a huge amount of time in managing and creating the sign in and sign out servlets.
4. I am having trouble creating the sign-out servlet and I am still working on this.

Problems solved:

1. Successfully able to create sign in and sign out servlet after.
2. Developing the code for sign in/sign-out servlet was also the most challenging part but with proper understating of the MVC framework and proper understanding of how OAuth work I was able to finish this part.