

Capstone Report 2

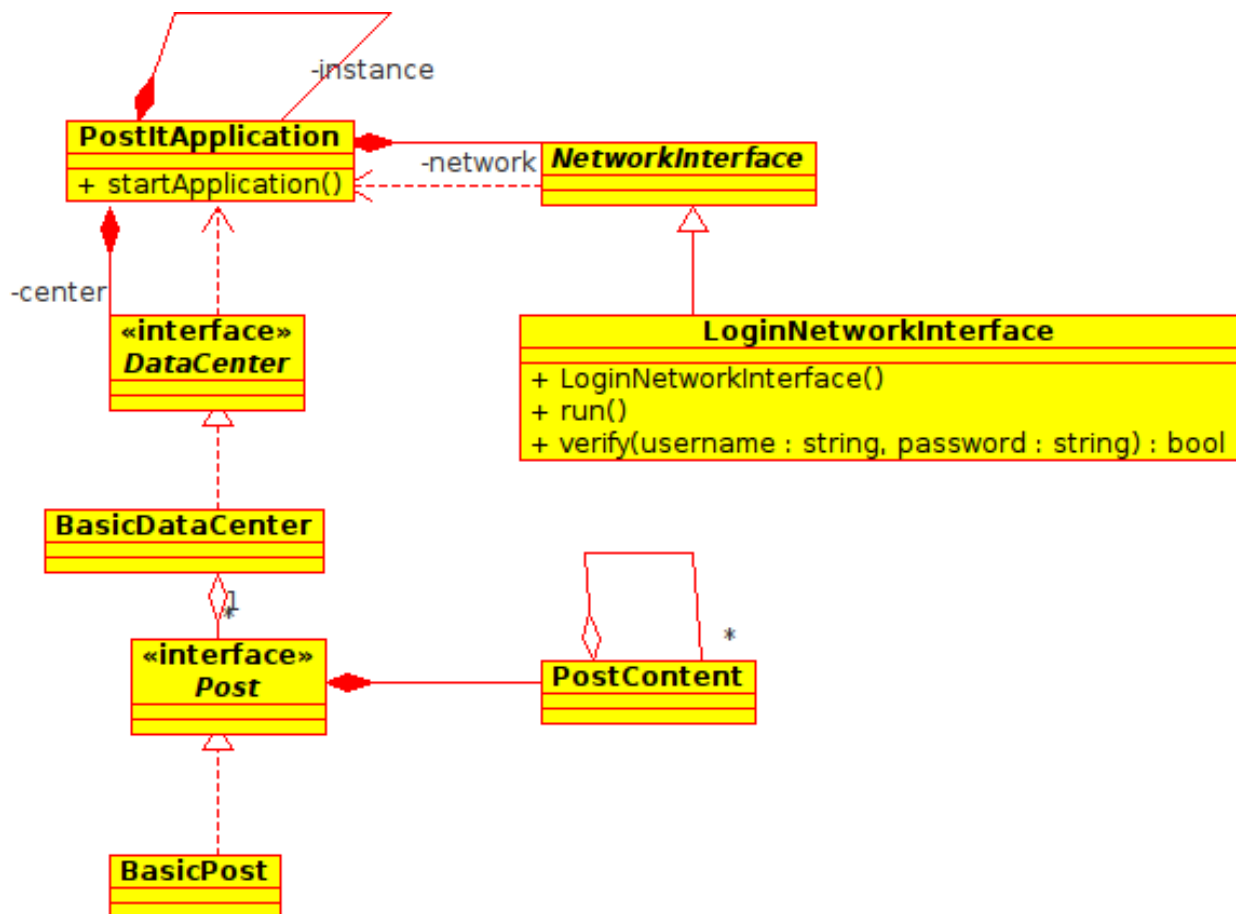
Alpha Saliou Diop

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Due to a problem with my work laptop, the development of certain aspects of the application took some delay. However this time was used to ponder even more the design of the application and, in the same time, find the solutions for the most fundamental design problems.

A basic implementation of the application was started. The major classes of the Java standalone application have been created and the relationship they will have to each other is being highlighted.

As said in the last report 'Class Design' section, the application will have 3 major objects, the GUI, the Data Center, and the Network Interface.



The class diagram shows the different relationship between objects implemented so far. The **PostItApplication** will have a **DataCenter** and a **NetworkInterface** object. The **DataCenter** so far is not implemented. I am focused toward making the communication between the **LoginNetworkInterface**, responsible for communicating with the server and verify if the user has an account.

I tried to create as many interface as possible in order to implements the design principle of "open for extensions, close for change". I think it will comes handy when I will have to add new functionalities in the future.

I also created the database with a table named user. This table will contains entries about the different registered users. This table will be the one used in the verification of login information.

Also, since it is impossible to connect directly to a database on polaris. The way the program will communicate with the server will be through the execution of Java codes on the JSP pages.

I plan on trying to get a working implementation of the login. Once it is done, I will be able to start the creation of the web page.