FE520 Project: Company Financial Profile Search Service

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**Introduction**

As part of this python project we are going to implement a Company Financial Profile Search Module. We will show user the basic profile of any company, performance of its stock and other financial information like company revenue, net income, net profit etc. The project will consist of two key module, one will be the admin module, using which the admin will enter the company profile to the database except the historical stock performance, which will be fetched directly through yahoo financial service. Second module will be a search module, which will be available to all the user, users will use this search module to fetch the company profile, this module will be responsible for collecting and assembling the profile using saved data and yahoo service.

**Modules**

**Admin Module:**

* + - Access of this module will be provided to Admin.
    - Admin will be required to put the login information to access the module.
    - After accessing the module the admin will be responsible for filling the company profile data to the database
    - Admin will also be responsible for maintaining or purging this data

**Search Module:**

* Access of this module will be provided to any user.
* User has to enter the company name or its ticker to access the company profile and its financial data
* In the background the module will use the Yahoo data service to get the company stock performance data for a given range of time.
* The module will also fetch the company profile from the database which was previously saved by the admin

**References**

1. Yahoo- for getting the financial quotes
2. Wikipedia-for getting company profile