

Prof. Hong Man
CPE 322: Design VI Homework 6 Practical Information
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Prof. Man
CPE 322 HW6
Portfolio-Risk Benchmark Selection Software
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I pledge my honor that I have abided by the Stevens Honor System.

Design Idea Update

Earlier before the spring break, we met up with Prof. German Creamer, associate quantitative finance professor specialize in risk management and had him review our previous design reports. He liked the idea but he pointed out that our idea is too old. There are lots of companies in market already applying the risk management software we propose. His suggestion was that we work with this company and gives us two options. Either we use the company's software to do our own modeling and propose a project around it or we work with the company to optimize the software. He said that we could work with the company and start getting acquainted with the software as part of the Technogenesis program.

Here is the website of the company mentioned above
<http://www.onetick.com/web1/index.php>

The name of the company is called OneMarketData, here is the overview of the company:

OneMarketData was founded in 2005 by Leonid Frants, Ph.D., who has spent more than 15 years building enterprise financial data management systems for statistical arbitrage, algorithmic trading and program trading departments of Goldman Sachs and Morgan Stanley.

As part of the global solution at Goldman Sachs, Dr. Frants built a comprehensive tick data solution as well as a reference data solution that linked and scrubbed all historical corporate actions, symbol changes, risk models, historical closing prices, and other reference and analytical market data to provide a unified repository to support the quantitative needs of a large financial institution.

Today, OneMarketData delivers comprehensive data management systems to industry leaders that span all asset classes and facets of finance. We focus on delivering high-quality solutions that are cost-effective and easy to use - empowering users to build queries and analyze data efficiently.

OneMarketData's headquarter is in New York and it has offices in Hoboken, NJ.

Prof. Creamer is working on setting up a meeting between us and the company, so at this stage it is hard for us to come up with a comprehensive report. We want to request an extension and we will finish the report as soon as possible after we meet with the company.