

## **Project proposal ("Opgave formulering")**

Project title: Stock screener/search engine

Project proposer: Freyr.dk, Kollerupvej 15, DK-7300 Jelling, <jens@freyr.dk>

Contact person(s): Jens Kristian, Søren Peter

Project group: Yani Kereena Atmakuri

### **Background and purpose.**

Freyr.dk is a start-up company. They produce and run an online finance community website, where it is possible to get information and latest news, related to shares and other financial entities.

Freyr.dk propose the project titled "Stock screener/search engine".

A stock screener is a kind of a search engine, which makes it possible to search for shares given a set of criteria, e.g. "market value more than 10M DKK and 52 week change more than +1%". There are many such criteria. The information is not available in a normalized way, but, it can be "crawled" from a set of websites. That means, there is a web GUI, some search logic, a database model, and some "crawling" logic.

### **Expected result.**

Freyr.dk expects that all artifacts produced by the project group will be available for use by Freyr.dk without any restrictions, after the project has been completed. This includes, project report, documentation, and source code.

In an ideal case, the artifacts includes a running system that Freyr.dk can put into production, but Freyr.dk is aware that this might not be reached by the project group with in the time frame.

### **Expected workload for the project proposer.**

Freyr.dk will provide one developer and/or business analyst available for any kind of input and/or help each friday, available during normal working hours. Further, Freyr.dk will provide assistance on messenger other days, during normal work hours. A meeting-room will be available for work each friday. Apart from this, no work-place will be provided, it is expected for the project group will organize them self. One development server will be provided, with the usual Freyr.dk development setup (Python, Django, MySQL), on request of the project group. Apart from this, it is expected that the project group will have their own PCs and other required equipment.

Agreed on by signatures below:

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(A.Y.Kereena, Student)

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(Jens.K.D, Freyr.dk)

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(Jens T.M, Supervisor)