Project Proposal

Tiberiu Simion Voicu

[t.s.voicu@se18.qmul.ac.uk](mailto:t.s.voicu@se18.qmul.ac.uk)

180928019

Title: Movie recommendation system

Project will involve two main stages. First the research and development of a hybrid recommendation system based on collaborative filtering as well as content based. Second part will involve the development of a modern web application based on a scalable and robust microservices architecture following current best practices in software development including but not limited to: extensive testing, monitoring, data gathering and agile design and development.

Aims and Objectives:

* Creation of a basic model-based recommendation engine following current literature.
* Creation of an application to host the engine and user system interactions.
* Improve and build upon recommendation techniques/algorithms that are found in literature.
* Evaluate the effectiveness of the system in terms of recommendations.
* Evaluate the ease of use and user experience of the system as a whole