# Queen’s University of Belfast

# Computer Science

# Minute of Project Supervision Meeting

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| **Student Name:** | **Connor Dickson** | | |
| **Project Module Code:** | **CSC3002** | | |
| **Project Supervisor:** | **Hans Vandierendonck** | | |
| **Meeting Number:** | **10** | **Date of Meeting:** | **17/03/2017** |

**Progress since last meeting, and decisions arrived at during meeting:**

Since our last meeting, I had met with Cassio and had nearly finished the updated version of the Machine Learning application. I have also implemented the Load Balancing for both the Caching Application and the Voice Recognition application. During the meeting, in which Hans and Cassio were both present, we discussed a slightly different approach to the machine learning recommendation system. We discussed adding more vectors to the movie and producing a large quantity of test data. This test data would then have an evaluation performed (k – medoids?) and a smaller subset would be passed to the Edge nodes. The Edge Nodes would receive vectors from a client based on their taste profile and would perform a nearest neighbor operation on this to produce a recommendation. The Data Centre would store all the information.

**Action Points:**

* Update Machine Learning Client to produce a taste profile based off the vectors available at the Data Centre
* Update the Data Centre to parse a large quantity of movie vectors and produce a smaller subset to pass to the Edge Node
* Update the Edge Node to store the smaller subset and receive a vector from a Client and perform an operation to find the closest similar movie

**Date of next meeting:**

N/A

**Agreed minute should be signed by the student and initialled by the supervisor.**

**Student's Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Supervisor's Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Supervisor's Comments:**