# Queen’s University Belfast

# Computer Science

# Minute of Project Supervision Meeting

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| **Student Name:** | **Aidan McKendry** | | |
| **Project Module Code:** | **CSC3002** | | |
| **Project Supervisor:** | **Zheng Li** | | |
| **Meeting Number:** | **5** | **Date of Meeting:** | **09/01/23** |

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

Fully working mongoDB image working (discussed adding shell script to import datasets to the database during image creation and then pushing to dockerhub)

Adapted the ‘M’ part of the MVC architecture to mongoDB

Working two container example using docker compose (still needs adapted for GIS functionality)

Discussed smaller scale for demo for instance Belfast scale.

**Action Points:**

Managing time more effectively and emailing when encountering problems

Develop script to read in dataset during RUN layer of dockerfile

Adapt two container microservice to read data from database and process to work out temperature change over first recorded instance year and each year proceeding that

**Date of next meeting:**

Jan. 23rd, 2022

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

**Student's Signature:** Text, letter

Description automatically generated **Date: 09/01/23**

**Supervisor's Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ZL\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_­­­­­\_2023-01-10\_\_\_\_\_\_**

**Supervisor's Comments:**

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| Agreed. According to our discussions, I think Aidan understood the MVC model quite well now. We just clarified the “timing” of preloading the data into the read-only database. |