# Queen’s University of Belfast

# Computer Science

# Minute of Project Supervision Meeting

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| **Student Name:** | **Tianbai Peng** | | |
| **Project Module Code:** | **CSC4006** | | |
| **Project Supervisor:** | **Peter Kilpatrick** | | |
| **Meeting Number:** | **12** | **Date of Meeting:** | **14:30, 24/01/2019** |

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

**What I do last time:**

* Change the number of transactions to 100, and do the experiment with 0%,10%,20,40,60% stateful pattern within the 4 threads then perform the experiment again
* Have recorded the experiment data as the table and chart, the results are almost fit the situation, but the program cannot get any parallel speedup if the stateful pattern is about 40% and 60%.

**Something discussed this time:**

* Talked about the which combine of Fastflow can take more efficiency, it’s also necessary to see if the speedup can be more than 4 in my laptop, which would be very helpful in my further experiment.
* The results have some errors, it’s necessary to do more experiments and get the average value.
* The results maybe fit the ideal situation but it’s also may be some bug exist in my implement so it’s also need to find bug from code.

**Action Points:**

**what I am going to do:**

* Execute a more precise experiment and try to find bugs
* Write some codes to see if the parallel speedup could be larger than 4

**Date of next meeting:**

14:30 31/01/2019

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

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

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

**Supervisor's Comments:**