# 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:** | **7** | **Date of Meeting:** | **14:00 , 12/12/2018** |

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

**what I do last time:**

* The example of stateful pattern example implemented by using a global variable ‘current\_running\_type’ at Emitter and Collector to control input data, but it still contains a bug which makes program hanging.

**something discussed this time:**

we talked about something about my last time implement:

* Talked about the correctness of my implement, and it also points out that global variables may be mutually exclusive sometimes.
* Talked about the reason of program hanging bug, it may be the optimization made by compiler, so that I may use the ‘volatile’ before the global variable to tell the compiler this variable will be changed.

**Action Points:**

**what I am going to do:**

* Try to add 'volatile' before global variable 'current\_running\_type', to make sure it runs successfully.
* Add a Mutex lock to the global variable 'current\_running\_type'.

**Date of next meeting:**

14:00 19/12/2018

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

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

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

**Supervisor's Comments:**