165855_ECM2414 Software Development Feedback Sheet

Candidate No.: 165855 and 185742

Based on the weightings - 50 : 50

Mark for 165855: 74

Mark for 185742: 74

Marking Scheme	Description	Mark
Structure and contents of the report	The report is well structured and presented. The design is well explained, matches the specification provided and the implemented code. The development log contains the specified information.	28/40
Code comments	Code comments are useful and informative, and at the appropriate level (i.e., it should not contain spurious comments, or ones that do not serve an explanatory purpose).	10/10
Production Code. Implementation & Testing.	The code is well structured and presented, with a coherent design and clear management of object states. The program is thread-safe, produces output and takes input in the formats specified. The JUnit tests are well formulated and cover the code well.	20/35
README file.	The file details all that is required to run your test suite.	8/5
Production Code. Handling exception states.	The code deals smoothly with exceptional inputs, and is robust in use.	8/10
Total		74/100

Comments

The code is well structured and presented, with a coherent design and clear management of object states. The comments are useful and informative. The out form is good. The discussions of the design in the report matches the code implementation, including the design of how the draw-discard atomic is achieved, how the thread safe is achieved, ect. The performance issues are also discussed.

Improvement:
When test the robustness of the program with the file containing all zeros, the unexpected reults show that "The game is over, player1 has won!". Therefore, there are 4 cases pass the test. There is no test code provided. The test design description in the report does not match the test implementation, the justification of the test cases is not provided.