AP Report

# Status Report

Successful compilation using javac, java se 7 and above. It accepts the supplied input as specified in the assignment brief. It accepts a pattern followed by zero or more directories. If no directories are specified, then it takes the root folder where the solution file – fileCrawler.java – is in to search.

The implementation of the solution uses multiple workers in a producer/consumer system to traverse through the specified directory and find any files that matches the supplied pattern.

Testing the solution and the speeds of the producer and the consumers, the solution runs faster as more consumers threads are created but starts to degrade as the number of threads start to be more than the system can handle. Results will be posted later in the report.

Thread safe structures have been used.

# Bugs and Limitation

As no specific Java version has been mentioned in the assignment brief, Java SE 7 or higher has been used in my implementation of the solution. The linux VM from UoG used for testing also only has Java SE 7 installed.

# Results

# Rubrics