**SENG 637 - Dependability and Reliability of Software Systems**

**Lab. Report #4 – Mutation Testing and Web app testing**

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| Group #: |  |
| Student Names: |  |
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# Introduction

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# Analysis of 10 Mutants of the Range class

# Report all the statistics and the mutation score for each test class

# Analysis drawn on the effectiveness of each of the test classes

# A discussion on the effect of equivalent mutants on mutation score accuracy

# A discussion of what could have been done to improve the mutation score of the test suites

# Why do we need mutation testing? Advantages and disadvantages of mutation testing

# Explain your SELENUIM test case design process

# Explain the use of assertions and checkpoints

# how did you test each functionaity with different test data

# Discuss advantages and disadvantages of Selenium vs. Sikulix

# How the team work/effort was divided and managed

# 

# Difficulties encountered, challenges overcome, and lessons learned

# Comments/feedback on the lab itself