Norwegian University of Science and Technology

TDT4242 Advanced Software Engineering, Spring 2021

Exercise 2

**Group Number:**

**Peer Group Number:**

# 1. Introduction

* Summarize shortly what they have done

# 2. Implementations of the new features by using DevOps environment

* Write about the used DevOps tool
* Describe the new features which you are going to implement
* Explain the design and implementation of new features
* Write about the way of using the DevOps environment to implement the new features
* Write about meeting with your peer group and their feedback (You should also list the participants of each meeting of your group and your peer group)

# 3. Automated test scripts to get full statement coverage

* Summarize the statement coverage results
* Provide information about where to find the test scripts in your code for running these tests

# 4. Automated test scripts for black-box testing

* Summarize the test results
* Provide information about where to find the test scripts in your code for running these tests

# 5. Acceptance tests

* Acceptance test cases and results. The test case template is below

|  |  |
| --- | --- |
| Test Case Name | Correct PIN entry on first try |
| Test Case ID | TC-1 |
| Description | A customer enter the PIN number correctly on the first attempt |
| Preconditions needed to run this test case | 1. The expected PIN is “2468” |
|  | 2. Screen 2 is displayed |
| *Event Sequence* | |
| *Input events (performed by tester)* | *Output events (observed by system tester)* |
|  | 1. Screen 2 shows ‘- - - -’ |
| 2. Touch digit 2 |  |
|  | 3. Screen 2 shows ‘- - - \*’ |
| 4. Touch digit 4 |  |
|  | 5. Screen 2 shows ‘- - \* \*’ |

Table 1: Test Case 1 – Correct PIN entry on first try

Link to your repository: <fill in here>