**City University of Hong Kong**

CS3343 Software Engineering Practice

Bug Report

Project Title: Club Management System

**Group**: 2 **Tutorial** **Session**: L01

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| **Name** | **Student Number** |
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| --- | --- |
| ID number | #001 |
| Name | Cannot test when exception exit |
| Reporter | HO Kwan To |
| Submit Date | 28/11 |
| Summary | When writing a test case to test run() method in AddClubTutor.java exception happened and cannot test it. |
| URL | N/A |
| Screenshot |  |
| Platform | Eclipse |
| Operating System | Window 10 |
| Browser | N/A |
| Severity | major |
| Assigned to | HO Kwan To |
| Priority | low |

**Description**

A test case is required for the run() method, but we test something that triggers an exception, which cannot get the expected result.

**Steps to reproduce**

1. Re-write the code in AddClubTutor.java so that it can print out the result more clearly.
2. Re-write the code in TestAddClubTutor.java so that it can catch the exception.

**Expected result**

The exception can be detected.

**Actual result**

The exception is not detected as the testAddClubTutor.java is not well-written

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| --- | --- |
| ID number | #002 |
| Name | An exception is thrown while hiring new Teacher |
| Reporter | WANG Ka Chun Kevin |
| Submit Date | 29/11 |
| Summary | When we type the **newTeacher** command, several exceptions found. So, the program cannot proceed normally. |
| URL | N/A |
| Screenshot |  |
| Platform | IntelliJ IDEA Ultimate |
| Operating System | Window 10 |
| Browser | N/A |
| Severity | major |
| Assigned to | WONG Siu Fai |
| Priority | high |

**Description**

In the testing period, I found that while testing **newTeacher** function, some exceptions thrown, and the program terminates immediately.

**Steps to reproduce**

1. Type the “updateDate//29-Nov-2019” command.
2. Type the “newTeacher//Andy//50” command.

**Expected result**

A confirmation message “Hired Andy with 50 days annual leave.” Will be shown.

**Actual result**

|  |
| --- |
| Exception in thread "main" java.lang.NumberFormatException: For input string: "Andy"  at java.base/java.lang.NumberFormatException.forInputString(NumberFormatException.java:68) at java.base/java.lang.Integer.parseInt(Integer.java:658) at java.base/java.lang.Integer.parseInt(Integer.java:776) at Software.NewTeacherCM.run(NewTeacherCM.java:14) at Software.Main.main(Main.java:32)  Process finished with exit code 1 |