**Team2's Problem Report Form**

**Purpose of the document**

**We are trying to test team 1’s version of retirement.py. This documents our experience testing their python program.**

**Application Overview**

**FullRetiremnetAge.py is a program designed to calculate retirement maturity date based on a person's birthdate. It continues to allow inputs until -1 is entered for birthdate.**

**Testing Scope**

**In scope: Validation tests for every possible outcome.**

**Out of scope: performance testing.**

**Metrics**

**We completed 14 test to check for accurate retirement age calculation. All 14 passed. We also tested the input validation by checking if exceptions were raised. 1 out of 2 with only passing a non-int as a year raised an exception. We also tested for valid years and months and the program did not pass these tests as no exception was raised or any indication that the year/month was invalid.**

**Recommendations**

**I would suggest having a method that takes the input then one that calculates it rather than having all of it in one method then relying on the main to do the prompts and print outs. The program should also validate the input either by raising exceptions or providing another method that alerts that the input provided was invalid. This is great when it works but if something is broken, we can’t easily decipher which part is broken. It lacks testability, but is very concise.**