**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.**

**Items not tested: out of bounds because the program does not stop dates greater than 3000 or less than 1900. Hard to test if outputs will be correct since a lot of code is in the main. Strings, and other invalid dates.**

**Metrics**

**We completed 14 test to check for accurate retirement age calculation. All 14 passed. Since the program was an all in one method we can not break it down to test individual parts.**

**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. 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.**