# **COMP3111 T-22 Activity 2 – Source Code**

#### To view all the raw files:

https://github.com/Zhang-JK/COMP3111-T22/tree/master/doc

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#### People:

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LIANG Houdong (hliangam@connect.ust.hk), Assigned Task: #2 #5

#### **GitHub Repo:**

https://github.com/Zhang-JK/COMP3111-T22

ZHANG Jiekai's branch: JK\_dev

CHENG Yiren's branch: dylan\_branch

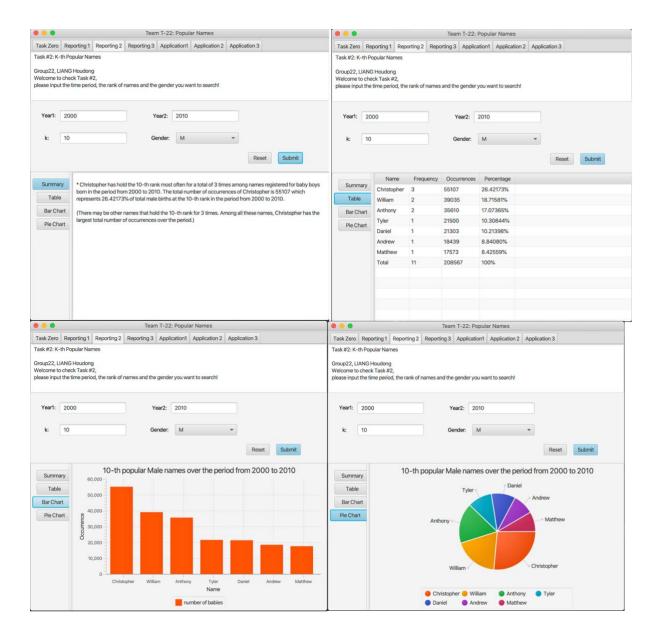
LIANG Houdong's branch: dong\_

# Screenshots of the execution of the application showing sample inputs and outputs (Data-Reporting Task)

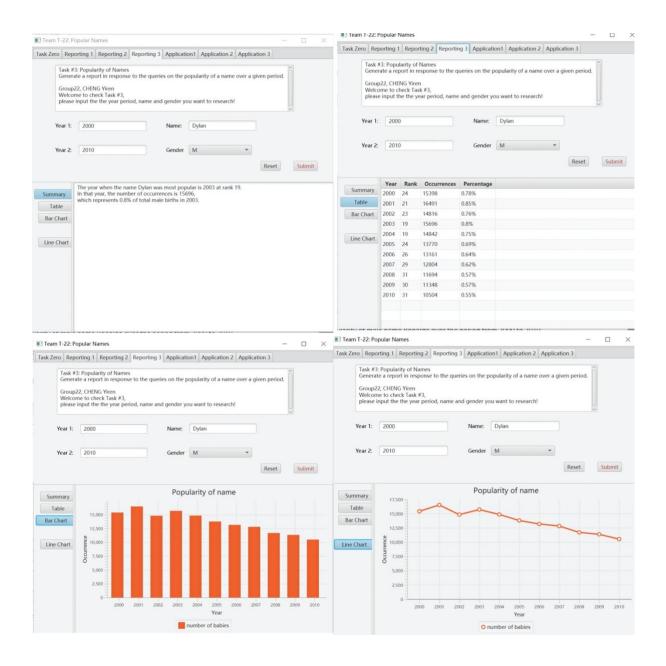
#### Task1:



#### Task2

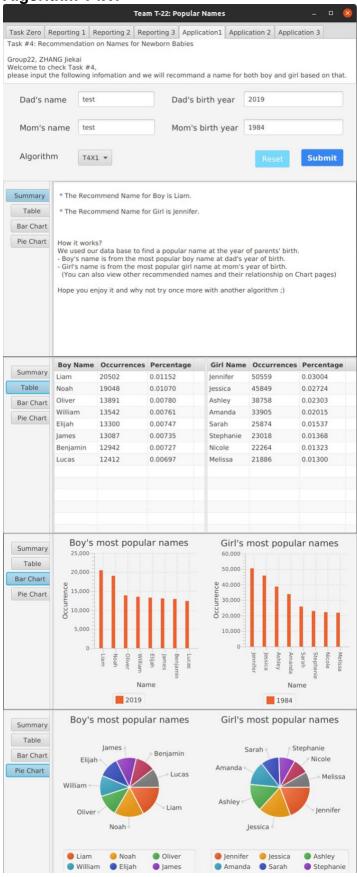


#### Task3



Screenshots of the execution of the application showing sample inputs and outputs (Evidence-Based Recommendation Task)

# Task4 Algorithm T4X1

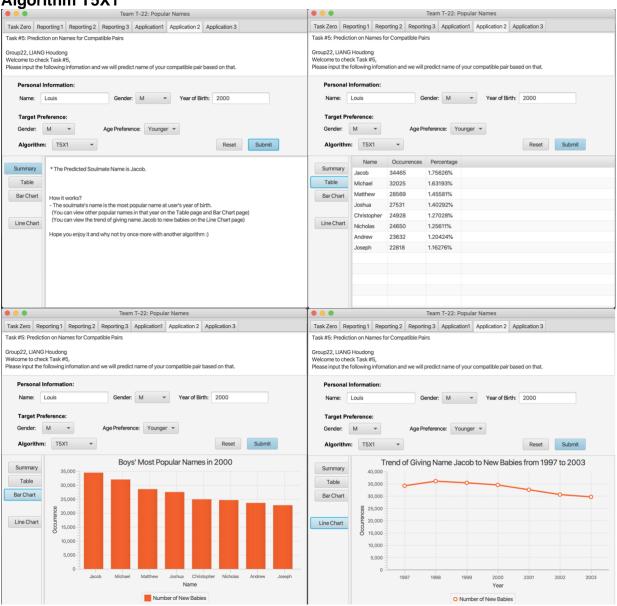


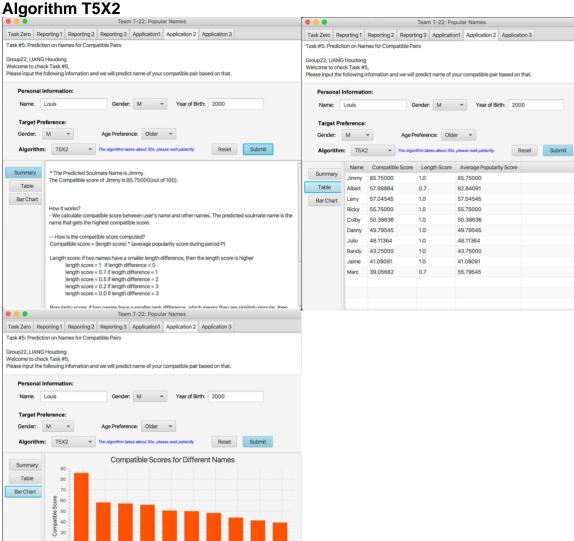
**Algorithm T4X2** 



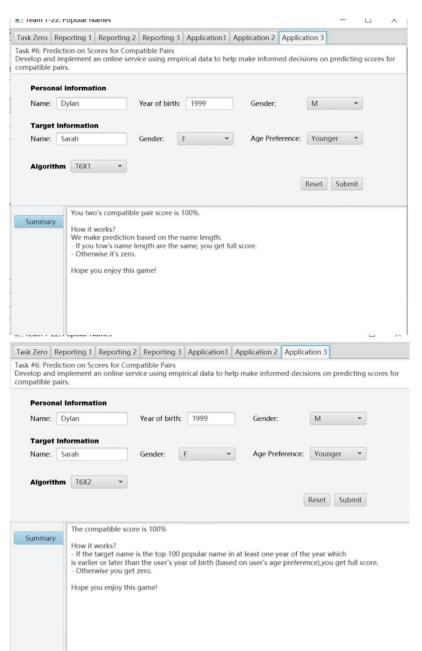
#### Task5

Algorithm T5X1

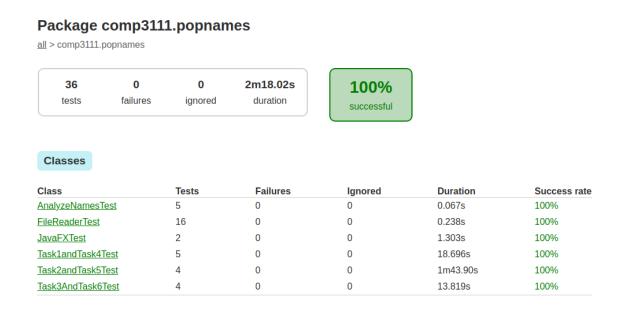




# Task6 Algorithm T6X1 and T6X2

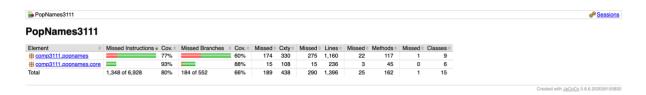


## Report on the unit testing for the implemented tasks



HTML File: <a href="https://github.com/Zhang-JK/COMP3111-T22/tree/master/doc/reports/tests/test/test/">https://github.com/Zhang-JK/COMP3111-T22/tree/master/doc/reports/tests/test/test/</a>

## Report on the coverage test



Note: The total branch coverage is 66%. (comp3111.popname.core package is our own defined inner package)

HTML File: https://github.com/Zhang-JK/COMP3111-T22/tree/master/doc/jacocoHTML

### Documentation on the implemented tasks using JavaDoc

HTML File: https://github.com/Zhang-JK/COMP3111-T22/tree/master/doc/javadoc