|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tara (Code Owner)** | **Defects** | | **Preparation Time** | | | **Est.** |
| **Inspectors** | **Major** | **Minor** | **Size (LOC)** | **Time (min)** | **Rate (Loc/Min)** | **Yield (Major**  **Defects Only)** |
| **Iram Jehan** | 3 | 2 | 622 | 60 | 10.36 | 3 |
| **Sophia Sklar** | 2 | 1 | 622 | 30 | 20.73 | 2 |
| **Ian Tompkins** | 1 | 3 | 622 | 60 | 10.36 | 1 |
| **Tien VoNguyen** | 1 | 3 | 622 | 30 | 20.73 | 1 |
| **Totals:** | 7 | 9 | 622 | 180 | 62.18 | 7 |

Iram:

Major

1. Duplicates do not narrow down who it is (add id #) so they can search a specific person
2. Find Parent does not show if they have only one parent, no parents at all
3. Need to keep prompting the user if they want to look up more or end program

Minor

1. Repeating a lot of code for each case
2. Anything but the default option in the program works

Sophia:

Major

1. Searching for a person may return duplicates if they have the same name
2. Find parent function only works if the person has 2 parents in the database

Minor

1. No way to return back to the menu and search for another person or relationship

Tien:

Major

1. Repetitive for the user with search function

Minor

1. Reused code for each case
2. The brackets don’t line up (according to the SW guidelines)
3. *default* within the input file does not function (everything else does)

Ian:

Major

1. The getWife() and getHusband() methods both fail to pull a null value into the program, throwing a runtimeexception. Both methods are expected to find null values at some point and should be handled. This is a known bug that we have not been able to fix for a long time though.

Minor

1. While asking the user what they want to do, we currently require full word answers. Could be simplified with either numbered options or shortened required parts of the word such as the first 3 letters of the word to lessen potential errors in spelling.

2. When searching for a particular person by the first name and there is more than one person with that first name, it should be easier to select the person after the multiple entries are pulled up rather than using a copy-paste request of the user.

3. Line 116 in Database.java does not explicitly tell the user that they can skip this if they want to and return to the main menu.