**Names Defects Preparation Time Est.**

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| --- | --- | --- | --- | --- | --- | --- |
| Tara (Code Owner) | Major: | Minor | Size (LOC) | Time (Min) | Rate (Loc/Min) | Yield (Major  Defects Only) |
| Iram Jehan | 0 | 5 | 512 | 30 | 8.5 | 0 |
| Sophia Sklar | 0 | 3 | 512 | 30 | 8.5 | 0 |
| Ian Tompkins | 1 | 0 | 512 | 40 | 6.4 | 1 |
| Tien VoNguyen | 0 | 7 | 512 | 30 | 8.5 | 0 |
| Totals: | 1 | 15 | 512 | 130 | 31.9 | 1 |

Iram:

* Minor Defects:
  + Breaks and continue used
  + Add indentations for long lines
  + Change name of function from searchParents to findParents to avoid confusion
  + Clarify relationships instructions for user
    - Ex. when they want to add in the instructions it should be “add” so the user knows which keywords to type for results
  + Close files and exits

Sophia:

* Minor defects:
  + Search will return multiple ppl if they have the same name
  + searchParents() has error if there are no parents
  + Can add member but not relationships yet

Ian:

* Major defect:
  + Potential to not clear the searchName variable in the searchMember() method
    - Can cause other logic in the if-else statements to activate when not cleared
    - Additional logic should be added to handle these cases

Tien:

* Minor defects:
  + Add clarification for users for program usage and clarification of usage error - ex. return error message if input cannot be found
  + Search returns more than one member with same name - should find way to differentiate
  + Closes files & exits - should add way to search for another member after searching one
  + ‘Continue’ & ‘break’ used
  + General exceptions
  + Hard to check if braces line up
  + /\* comments not used for longer comments

Note: All major bugs had been fixed right before the code inspections therefore there were not many defects found in this inspection.