Russell

Omo

ICS212

PROJECT 1

TESTPLAN

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| Test | Outcome | Result |
| Start Program with no  Arguments | Program shows menu | pass |
| Select option 4 which prints all records | No records should be printed | pass |
| Select option 1 which adds a record and type  John Smith  1972  An  Address~  808111 | The record should be added and the program sends a confirmation message to the user | pass |
| Select option 3, which prints records with a specified name. Type  Jon Smith | The program should not find any records with that name and therefore print nothing other than the message that says there is no such record to print | Pass |
| Select option 3, and type  John Smith | The program should print the single record with name John Smith | Pass |
| Select option 1 and type  John Smith  1972  An  Address~  808111  Repeat this three times Select option 1 and type  Jane Smith  1972  An  Address~  808111 | The program should add the record with the information typed and send a confirmation message to the user | pass |
| Select option 3, type  Jan Smith | There should be no such records to print | Pass |
| Test | Outcome | Result |
| Select option 3, type  Jane Smith | Prints out the single record | Pass |
| Select option 4 | Prints out the duplicate John Smith records and the single Jane Smith record  John Smith  An  Address~  1972  808111  John Smith  An  Address~  1972  808111  John Smith  An  Address~  1972  808111  Jane Smith  An  Address~  1972  808111 | Pass |
| Select option 5, and type  Joh Smith | There should be no deleted records and the program should say that there were no such records to delete | Pass |
| Select option 5, type  John Smith | The record should be deleted and the program should print a message saying the deletion was successful | Pass |
| Select option 3  Type John Smith | There should be no records printed | Pass |
| Select option 4 | There should be only one record, the one with the name Jane Smith | Pass |
| Select option 2, Type  Jan Smith  New  Address~  909222 | The program should return that there was no such record to modify | Pass |
| Select option 2, Type  Jane Smith  New  Address~  909222 | The program should display that the modification was successful | Pass |
| Select option 4 | The program should print two duplicate records  Jane Smith  New  Address~  1972  909222 | Pass |
| Select option 0 | The program should print exit then terminate and write to a file called save.txt | Pass |
| Start the program with argument “debugmode” | The program should terminate and print an error message “unrecognized argument” | Pass |
| Start the program with argument “something”  And “wrong” | The program should terminate and print an error message “excessive arguments” | Pass |
| Start the program with the argument “debug” | The program should begin and print that it is starting in debugmode and that is has read the save.txt file | Pass |
| Select option 4 | The program should print all the duplicate records from last time, and print a debug dialogue for the printAllRecords function | Pass |
| Select option 5 and enter Jane Smith | The program should display that the deletion was successful as well as a debug dialogue for the deleteRecord function with the parameters passed | Pass |
| Select option 1, enter  John Smith  1972  An  Address~  808111 | The record should be added and the program display a confirmation message as well as a debug dialogue for the addRecord Function with the parameters passed | Pass |
| Select option 3, enter  John Smith | The program should print the John Smith record as well as a debug dialogue for the printRecord function with the parameters passed | Pass |
| Select option 2, enter  John Smith  New Add~  909 | The program should display a message indicating a successful modification as well as a debug dialogue for the modifyRecord function | Pass |
| Select option 0 | The program should display Exit as well as the debug dialogues for writefile and cleanup | pass |