Software Testing Report

Assignment Group 58 Analysis Tool

**s5254936 -** Bebin Roy   
**s5182075 -** Atticus Burgess   
**s5299401 –** Ansh

Table of Contents

[1.0 Unit Tests 3](#_Toc49779837)

[2.0 Coverage Report 4](#_Toc49779838)

[3.0 Requirements Acceptance Testing 5](#_Toc49779839)

# Unit Tests

| **No** | **Test Case** | **Expected Results** | **Actual Results** |
| --- | --- | --- | --- |
| 1.0 | Filter By Keyword |  |  |
| 2.0 | Filter By Date | Exception Handled | Exception Handled |
| 3.0 | Filter By Hit and Run | Display error message and exit | Display error message and exit |
| 4.0 | Display Desired Data |  |  |
| 5.0 | Clear All Commands | Display error message and exit | Display error message and exit |
| 6.0 | Filter By Alcohol Present |  |  |
| 7.0 | Quit the Program |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# Coverage Report

A description of the coverage of your unit tests, including how you evaluated coverage (function, statement, branch, condition)

# Requirements Acceptance Testing

(You will need to fill out the column on the left with the requirements listed in software design documents and the columns on the right with the results of your own testing)

| **Software  Requirement No** | **Test** | **Implemented (Full /Partial/ None)** | **Test Results (Pass/ Fail)** | **Comments (for partial implementation or failed test results)** |
| --- | --- | --- | --- | --- |
| 1 | Accept multiple file names as arguments from the command line |  |  |  |
| 2 | Display the details of all valid files |  |  |  |
| 3 | Display an appropriate message if a file does not exist or if a file name is invalid |  |  |  |
| 4 | Display a message if an argument is a directory instead of a file |  |  |  |
| 5 | File name can be a simple file name or include the full path of the file with one or more levels |  |  |  |
| 6 | file names must start with an alphabetical character |  |  |  |
| 7 | Valid file name extensions must be 3 or 4 alphabetical characters preceded by a dot) |  |  |  |
| 8 | Directory/level names must start with an alphabetical character to be considered valid |  |  |  |
| 9 | The program should be able to accept as many levels for each file name as the user wants to input. This is limited only by the number of levels allowed in Windows (approximately 120) |  |  |  |