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# **System Test Plan**

| **Instructions.** In this section, you must provide your system test plan with at least 5 test cases. **If you want to provide more than 5 test cases, add an appendix at the end of this document with the 6th, 7th, etc. test cases so that page numbers for all sections match the required template! Only the first 5 test cases will be graded.**  Make sure:   * You provide your sample test data * Test IDs are uniquely identified and descriptive * Test descriptions are fully specified with complete inputs, specific values, and preconditions   + Be sure to provide SPECIFIC INPUTs and VALUEs so that your test cases are repeatable * Expected results are fully specified with specific output values * All tests cover scenarios based on the problem statement * All tests cover unique scenarios for the system * All strategies for system testing are demonstrated in the tests (testing equivalence classes, testing boundary values, testing exceptions/unexpected inputs) |
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**Test Data:**

***validLogFile.txt***

hqcooney, 03/02/2015 07:17:42PM, print, office visit OV02132

hqcooney, 10/02/2015 01:04:38AM, print, office visit OV02132

gphsu, 11/13/2015 06:36:48AM, sort, HL7 Code 422

gphsu, 02/22/2016 11:09:06PM, sort, HL7 Code 422

| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
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| testLoadValidFile  Author: Alex Cullen | Preconditions:   * UserActivityLogManager is loaded. * The file validLogFile.txt exists.   Steps:   1. Run program 2. select testfile.txt as the input | The software loads the file and is ready to process user activities. | The software loads the file and is ready to process user activities. |
| testInvalidDate  Author: Alex Cullen | Preconditions:   * The log file is loaded.   Steps:   1. View log entries by date | Prompt "Please enter a valid date in the format MM/DD/YYYY" | Displays “Enter a date (MM/DD/YYYY): ” |
| testNoEntriesHour  Author: Alex Cullen | Preconditions:   * The log file is loaded.   Steps:   1. Request log entries for the hour "2 AM". | Display "No activities were recorded during hour 2". | Displays “No activities were recorded during hour 2” |
| testInvalidHour  Author: Alex Cullen | Preconditions:   * The log file is loaded.   Steps:   1. Specify hour "25". | Prompt "Please enter a valid hour between 0 (12AM) and 23 (11PM)". | Displays “Please enter a valid hour between 0 (12AM) and 23 (11AM)” |
| testMissingFile  Author: Alex Cullen | Preconditions   * UserActivityLogManager is started.   Steps:   1. Specify a path to a file that does not exist. | Display "The specified file does not exist. Please specify a new file." | Displays “File not found. Please enter a valid file path. Enter the path to the log file: ” |