Black Box Testing

*The contents of the .txt files used in these tests are listed below*

In *LOGIN1.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

gphsu, 04/18/2016 03:18:42AM, sort, HL7 Code 422

gphsu, 02/27/2017 05:26:50AM, sort, HL7 Code 422

hqcooney, 02/19/2017 06:16:58PM, sort, HL7 Code 422

gphsu, 01/04/2016 12:44:52PM, sort, HL7 Code 422

hqcooney, 11/08/2016 10:43:29AM, sort, HL7 Code 422

gphsu, 07/06/2015 04:17:06PM, sort, HL7 Code 422

hqcooney, 12/18/2017 03:02:54AM, sort, HL7 Code 422

hqcooney, 09/11/2015 09:14:44PM, sort, HL7 Code 422

hqcooney, 04/15/2017 10:59:13PM, sort, HL7 Code 422

hqcooney, 10/06/2016 04:58:44AM, sort, HL7 Code 422

hqcooney, 01/23/2017 12:05:22AM, sort, HL7 Code 422

hqcooney, 09/15/2017 05:44:15AM, unmerge, notification NX1115

hqcooney, 01/04/2016 01:12:22AM, view, HL7 Code 422

In *LOGIN2.txt*

[EMPTY DOCUMENT]

| **Test ID** | **Description** | **Expected Results** |
| --- | --- | --- |
| **Test #1**  **testID:**  **testLogUI**  **Strategy:** | **Steps:**   1. Run program | LogUI opens and displays options screen |
| **Test #2**  **testID:**  **testLoadLogData**  **Strategy:** | Preconditions:   * Log UI has opened   Steps   1. Select [1] 2. Type ‘*LOGIN1.txt’* | The UI is populated with the data from the logFile *LOGIN1.txt*, prints message |
| **Test #3**  **testID:**  **Test Top Activities**  **Strategy:**  **valid** | Preconditions:   * Log UI has opened   Steps   1. Select [2] to view most frequent activities 2. Type in ‘10’ to view the 10 most frequented activities | The valid LogEntry is added to the list and appears on the UI |
| **Test #4**  **testID:**  **Get Date Logs**  **Strategy:**  **Invalid number** | Preconditions:   * Log UI has opened * Test loadLogData has passed   Steps   1. Select [3] 2. Type in ‘10/02/2015’ | Code displays all logs from the date 10/02/2015  Activities recorded on 10/02/2015 [  hqcooney, 10/02/2015 01:04:38AM, print, office visit OV02132  ] |
| **Test #5**  **testID:**  **Test getHourLogs**  **Strategy:**  **valid** | Preconditions:   * LogUI has opened * Test loadLogData has passed   Steps   1. Select [4] 2. Type ‘12’ into the hour slot | The UI is populated with all LogEntry objects that have the hour ‘12’ associated |