# LETU Previewer App – Test Report for “ScheduleManager” Subproject

## Introduction

This report summarizes test procedures, test results, and response actions performed for the “ScheduleManager” subproject (formerly known as the generic “DesktopApplication”) of the LETU Previewer mobile web site project. All tests and actions in this report were performed by Corey McCandless.

NOTE: when referring to file paths, “/” refers to the root folder of the APIDataServer solution, not the root folder of the GitHub repository for the LETU Previewer App project.

## Test Procedures and Results

### 1. Feature Functionality Evaluation w/ Valid Input

Purpose: To verify that all features function properly in an ideal environment

Setup: Populate /Install/Data/ with verified CSV data files found in the GitHub repo and launch /Install/ScheduleManager.exe

All procedures in this group must be performed in order. Upon test failure, cease testing until a fix is made, then restart testing procedures

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Procedure** | **Expected Result** | **PASS/FAIL** | **Comments** |
| 1.01 | Click Activities->Remove | Selected row is deleted from table, but not from /Install/Data/activities.csv | PASS |  |
| 1.02 | Click Activities->Export, then click OK | File named “activities.csv” is created in “Desktop” folder, and file contains data for all rows currently in Activities table | PASS |  |
| 1.03 | Click Activities->Import, navigate to /Install/Data/, select activities.csv, then click OK | Activities table is repopulated, including the row that was previously removed. | FAIL | Table was not cleared before importing new data. However, this may be preferable behavior |
| 1.04 | Click Activities->Import, navigate to “Desktop”, select activities.csv, then click OK | Activities table is repopulated, minus the row that was removed earlier | FAIL | Table was not cleared before importing new data. However, this may be preferable behavior |
| 1.05 | Click Activities->Save | /Install/Data/activities.csv should contain data for all rows currently in table. The deleted row should be absent. | PASS |  |
| 1.06 | Select first row in Schedules table, then click Schedule->Remove | First row in Schedules table is removed, and “/Install/Data/ScheduleAny Person Preview\_4-2-2016.csv” has been deleted | PASS |  |
| 1.07 | Select first row in Schedules table, select first row in Events table, then click Schedule->Remove | First row in Events table is removed, and “/Install/Data/ ScheduleAviation Preview\_03-1-2016\_03-5-2016.csv” does not contain data for the deleted row | PASS |  |
| 1.08 | Click Schedule->Export, create new folder “Schedules” and enter it, then click OK | Separate files have been created in “Desktop\Schedules” folder for each row in Schedules table | PASS |  |
| 1.09 | Select first row in Schedules table, click Schedule->Export Selected, then click OK | “Desktop \ ScheduleAviation Preview\_03-1-2016\_03-5-2016.csv” has been created | PASS |  |
| 1.10 | Click Schedule->Import, navigate to “Desktop”, select “ScheduleAviation Preview\_03-1-2016\_03-5-2016.csv”, then click OK | A row is created in Schedules table for the imported file, the new row is selected, and the Events table is populated with events for the imported schedule | PASS |  |
| 1.11 | Click Schedule->Save | A file has been created for each row in Schedules table in /Install/Data/ | FAIL | Rows containing the same ScheduleTitle and ScheduleDates will overwrite each other |

### 2. GUI Tests

Purpose: These test are designed to verify basic functionality of certain GUI features. These are important to improve usability.

Setup: Populate /Install/Data/ with verified CSV data files found in the GitHub repo and launch /Install/ScheduleManager.exe

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Procedure** | **Expected Result** | **PASS/FAIL** | **Comments** |
| 2.01 | Select Activities tab, then resize window | All buttons remain centered at the bottom of the window, the Activities table stretches with the window | PASS |  |
| 2.02 | Select Schedules tab, then resize window | All buttons remain centered at the bottom of the window, the Schedules table stretches horizontally with the window but remains fixed vertically, the Events table stretches with the window | PASS |  |
| 2.03 | Select Activities tab, shrink window as small as possible | Minimum window size is reached, table and all buttons are still visible and easily usable | FAIL | No minimum size has been set |
| 2.04 | Select Schedules tab, shrink window as small as possible | Minimum window size is reached, all tables and buttons are still visible and easily usable | FAIL | No minimum size has been set |

## Reparatory Actions

|  |  |
| --- | --- |
| **Bug No.** | **Action** |
| 1.03/1.04 | Instead of conforming to previously expected behavior, a “Clear” button has been added to the both the Activities tab and the Schedules tab, giving the user more control over table contents. |
| 1.11 | Leaving this one alone, since only one file should exist for events with the same title and date range |
| 2.03/2.04 | Minimum size has been set that allows all controls in both tabs to be visible and easily accessible |