# Lab 03: System Test Plan

## Test Overview.

Test Files:

actual\_student\_records.txt

Zahir,King,zking,orci.Donec@ametmassaQuisque.com,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,15

expected\_full\_student\_records.txt

Zahir,King,zking,orci.Donec@ametmassaQuisque.com,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,15

Cassandra,Schwartz,cschwartz,semper@imperdietornare.co.uk,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,4

Shannon,Hansen,shansen,convallis.est.vitae@arcu.ca,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,14

Demetrius,Austin,daustin,Curabitur.egestas.nunc@placeratorcilacus.co.uk,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,18

Raymond,Brennan,rbrennan,litora.torquent@pellentesquemassalobortis.ca,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,12

Emerald,Frost,efrost,adipiscing@acipsumPhasellus.edu,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,3

Lane,Berg,lberg,sociis@non.org,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,14

Griffith,Stone,gstone,porta@magnamalesuadavel.net,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,17

Althea,Hicks,ahicks,Phasellus.dapibus@luctusfelis.com,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,11

Dylan,Nolan,dnolan,placerat.Cras.dictum@dictum.net,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,5

expected\_student\_records.txt

Zahir,King,zking,orci.Donec@ametmassaQuisque.com,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,15

invalid\_student\_records.txt

King,zking,orci.Donec@ametmassaQuisque.com,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,15

Zahir,,zking,orci.Donec@ametmassaQuisque.com,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,15

Zahir,King,orci.Donec@ametmassaQuisque.com,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,15

Zahir,King,zking,orci.Donec@ametmassaQuisquecom,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,15

Zahir,King,zking,orci.Donec@ametmassaQuisque.com,15

Zahir,King,zking,orci.Donec@ametmassaQuisque.com,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,-1

student\_records.txt

Zahir,King,zking,orci.Donec@ametmassaQuisque.com,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,15

Cassandra,Schwartz,cschwartz,semper@imperdietornare.co.uk,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,4

Shannon,Hansen,shansen,convallis.est.vitae@arcu.ca,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,14

Demetrius,Austin,daustin,Curabitur.egestas.nunc@placeratorcilacus.co.uk,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,18

Raymond,Brennan,rbrennan,litora.torquent@pellentesquemassalobortis.ca,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,12

Emerald,Frost,efrost,adipiscing@acipsumPhasellus.edu,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,3

Lane,Berg,lberg,sociis@non.org,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,14

Griffith,Stone,gstone,porta@magnamalesuadavel.net,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,17

Althea,Hicks,ahicks,Phasellus.dapibus@luctusfelis.com,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,11

Dylan,Nolan,dnolan,placerat.Cras.dictum@dictum.net,MMlS+rEiw/l1nwKm2Vw3WLJGtP7iOZV7LU/uRuJhcMQ=,5

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| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| Test 1:  NewSD | Preconditions: None   1. Run **GUI** 2. Click **New Student Directory** 3. Check Results 4. Close **GUI** | * GUI Loads * Nothing happens. | **Nothing pops up and everything is at default.** |
| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| Test 2:  Add Student | Preconditions: None   1. Run **GUI** 2. Click **Add Student** 3. Check Results 4. Close **GUI** | * GUI Loads * Everything is default. * Pop up comes on saying, “Invalid Password’ | **Invalid Password Pop Up** |
| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| Test 3:  RemoveStudent | Preconditions: None   1. Run **GUI** 2. Click **Remove Student** 3. Check Results 4. Close **GUI** | * GUI Loads * Everything is default * Pop up: “No student selected.” | **No Student Selected Pop Up** |
| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| Test 4:  InvalidSave | Preconditions: None   1. Run **GUI** 2. Click **Save Student Directory** 3. Click **Cancel** 4. Check Results 5. Close **GUI** | * GUI Loads * Everything is default * Invalid Selection Pop Up | **Pop up saying invalid selection** |
| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| Test 5:  OnlyFirstName | Preconditions: None   1. Run **GUI** 2. Type in **First Name** 3. Click **Add Student** 4. Check Results 5. Close **GUI** | * GUI Loads * Everything Is default * After Instructions: Pop up of Invalid Password since nothing was typed for password | **Invalid Password Pop Up** |
| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| Test 6:  FullStudentAdd | Preconditions: None   1. Run **GUI** 2. Type in **First Name – Last Name – ID – Email – Password – Repeat Password** 3. Click **Add Student** 4. Check Results | * GUI Loads * Everything is default at first and then typed in * Student directory should be updated with first student | **Student Successfully added.** |
| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| Test 7:  ValidRemoveStudent | Preconditions: Test 6 Has passed   1. Select only student in directory 2. Click remove student 3. Check Results 4. Close **GUI** | * Student is selected and then removed | **Student is removed** |
| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| Test 8:  Mismatched Passwords | Preconditions: None   1. Run **GUI** 2. Type in password 3. Type in a different value for repeat password 4. Click add student 5. Check Results 6. Close **GUI** | * GUI Loads * Everything is default * Two different values are typed in for passwords * Add student does not work because pass words do not match | **Pop up occurs mentioning that the passwords do not match.** |

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| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| Test 9:  OnlyPasswrods | Preconditions: None   1. Run **GUI** 2. Type in same passwords for both password fields 3. Click add student 4. Check Results 5. Close **GUI** | * GUI Loads * Everything is default * Passwords are typed in * Add student does not work because there is an Invalid First Name | **Invalid First Name pop up .** |
| Test ID | Description | Expected Results | **Actual Results** |
| Test 10:  InvalidEmail | Preconditions: None   1. Run GUI 2. Type a Number in the email field 3. Check Results 4. Close GUI | * GUI Loads * Everything is default and then a number is put in for the email value * Pop up occurs saying invalid email | **Invalid Email Pop Up.** |
| Test ID | Description | Expected Results | **Actual Results** |
| Test 11:  ValidLoading | Preconditions: None   1. Run GUI 2. Click Load Student Directory 3. Click Test Files 4. Click the Actual Student Records 5. Check Results | * GUI Loads * Instructions are Followed: * Student Zahir pops up via loading * Via Sorted | **Student in directory named Zahir via sorted** |
| Test ID | Description | Expected Results | **Actual Results** |
| Test 12:  AddStudentAlreadyAdded | Preconditions: Test 11 Passes   1. Click on Zahir 2. Click Add Student 3. Check Results | * Invalid Password Pop Up | **Invalid Password Pop UP** |

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| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| Test 13:  RemoveStudent | Preconditions: Test 12 Passes   1. Click **on Student Zahir** 2. Click Remove Student 3. Check Results 4. Close **GUI** | * Student is pressed and removed | **No student in directory.** |
| Test ID | Description | Expected Results | **Actual Results** |
| Test 14:  LoadInvalid | Preconditions: None   1. Run GUI 2. Click Load Student Directory 3. Click on test-files 4. Click the invalid file 5. Check Results 6. Close GUI | * GUI Loads * Nothing happens when the invalid test file is being told to open | **The file does not load in when attempted** |
| Test ID | Description | Expected Results | **Actual Results** |
| Test 15:  LoadAndSave | Preconditions: None   1. Run GUI 2. Click Load Student Directory 3. Click test-files 4. Click student\_records 5. Remove Two Students 6. Click Save Student Directory 7. Click test-files 8. Name it, stp\_file 9. Press Save 10. Check Results 11. Close GUI | * GUI Loads * Stp file shows up as a txt in eclipse with the updated student records * Everything loaded in is sorted | **Stp\_file is found and validated in eclipse** |