Medical School LIC Scheduler

Test Document

Version 2.1

Test Case TC_AddAdmin_01

Test Case ID: TC_AddAdmin_01	**Test Designed by:** Justin Herold
Test Priority: Medium	**Test Designed Date:** 4/18/2019
Module Name: LIC Admin Page	**Test Executed by:** Alexander Parris
Test Title: Test super admin adding another admin	**Test Execution Date:** 4/28/19
Description: Test that super admin is able to add another admin	**Test Type:** Functional
Related Use Cases: UC08 - Super Admin Adds Admin	

Pre-conditions: The user has logged on to the system.

Dependencies: The user that has logged onto the system and is attempting to add another admin must be a Super_admin

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the 'Admin Options' page	URL	'Admin Options' page loaded properly	'Admin Options' page loaded properly	Pass
2	Select 'Add Admin' button	URL	Admin registration form is loaded properly	Admin registration form is loaded properly	Pass
3	Admin fills in new admin's first name	John	N/A	N/A	Pass
4	Admin fills in new admin's last name	Doe	N/A	N/A	Pass
5	Admin fills in new admin's username	example@gamil.com	N/A	N/A	Pass
6	Admin fills in new admin's password	1234	N/A	N/A	Pass
7	Admin confirms new admin's password	1234	N/A	N/A	Pass
8	Admin selects 'Submit' button		User registration confirmation message	User registration confirmation	Pass

			appears	message appears	

Post-conditions: The new admin has been added to the database.

Test Case TC_AutoScheduling_01

Test Case ID: TC_AutoScheduling_01	**Test Designed by:** Zach Alaniz
Test Priority: Low	**Test Designed Date:** 4/25/2019
Module Name: LIC Admin Page	**Test Executed by:** Huy Bui
Test Title: Admin Auto-generates schedules	**Test Execution Date:** 4/25/19
Description: Test that if needed, the admin can choose to auto-generate schedules in case of problems.	**Test Type:** Functional
Related Use Cases: UC04 - Student Selects Clerkship	

Pre-conditions: Doctors have been sent their forms and submitted all of their availability information.

Dependencies: User has installed a web browser, preferably Chrome, Internet Explorer, or Firefox

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Admin clicks generate.	URL	The application clears any previous clerkships and generates a valid schedule for all 60 students and updates database accordingly. Notifies the admin on completion.	The system created schedules for every students and notified admin of completion	Pass

Post-conditions: Admin is notified auto-create was completed.

Test Case TC_AutoScheduling_02

Test Case ID: TC_AutoScheduling_02	**Test Designed by:** Zach Alaniz
Test Priority: Low	**Test Designed Date:** 4/25/2019
Module Name: LIC Admin Page	**Test Executed by:** Huy Bui
Test Title: Auto-generate failure	**Test Execution Date:** 4/25/19
Description: Test that if the auto-generation of schedules fails, the admin is notified and the database is cleaned of any changes that were made.	**Test Type:** Functional
Related Use Cases: UC04 - Student Selects Clerkship	

Pre-conditions: Doctors have been sent their forms and submitted all of their availability information, and admin has chosen to auto-generate scehdules.

Dependencies: User has installed a web browser, preferably Chrome, Internet Explorer, or Firefox

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Admin clicks generate and a failure occurs.	URL	The application clears any changes that were made in the process of creating all 60 schedules to reset the data, and notifies admin of this failure.	The system handled the failure and notified the admin.	Pass

Post-conditions: Admin is notified that there was an error in auto-generating the schedules.

Test Case TC_DeleteAdmin_01

Test Case ID: TC_DeleteAdmin_01	**Test Designed by:** Justin Herold
Test Priority: Medium	**Test Designed Date:** 4/18/2019
Module Name: LIC Admin Page	**Test Executed by:** Alexander Parris
Test Title: Test super admin deleting another admin	**Test Execution Date:** 4/28/19
Description: Test that super admin is able to remove another admin from the database	**Test Type:** Functional
Related Use Cases: UC08 -Super Admin Deletes Admin	

Pre-conditions: The user has logged on to the system and the admin to be deleted is in the database.

Dependencies: The user that has logged onto the system and is attempting to add another admin must be a Super_admin

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the 'Admin Options' page	URL	'Admin Options' page loaded properly	'Admin Options' page loaded properly	Pass
2	Select 'Remove Admin' button	URL	Admin deletion form is loaded properly	Admin deletion form is loaded properly	Pass
3	Admin fills in username of admin to be deleted	example@gmail.com	N/A	N/A	Pass
8	Admin selects 'Delete User' button		Admin deletion confirmation message appears	Admin deletion confirmation message appears	Pass

Post-conditions: The admin has been removed from the database

Test Case TC_DoctorForm_01

Test Case ID: TC_DoctorForm_01	**Test Designed by:** Huy Bui
Test Priority: High	**Test Designed Date:** 4/24/2019
Module Name: Doctor Availability Form	**Test Executed by:** Justin Herold
Test Title: Doctor Selects Availabilities	**Test Execution Date:** 4/25/2019
Description: Test that doctors can indicate their availabilities	**Test Type:** Functional
Related Use Cases: UC02 - Doctor Edits Information	

Pre-conditions: Users have been sent their own unique links

Dependencies: User has installed a web browser, preferably Chrome, Internet Explorer, or Firefox

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	User clinks on unique links	URL	Doctor Availability Form loads with respective doctor information from database, no matter the web browser used	Doctor form loaded with respective doctor information from database	Pass
2	Doctor indicates their availabilities (more than two availabilities) and submits form	Checkbox	Action is successful. The system notifies user that his/her availability has been submitted and saved.	User was notified that availability was submitted and saved	Pass

Post-conditions: The system saves doctor's availability in the database.

Test Case TC_DoctorForm_02

Test Case ID: TC_DoctorForm_02	**Test Designed by:** Huy Bui
Test Priority: High	**Test Designed Date:** 4/24/2019
Module Name: Doctor Availability Form	**Test Executed by:** Justin Herold
Test Title: Doctor Selects Availabilities	**Test Execution Date:** 4/25/19
Description: Test that doctors cannot submit form with less than 3 availabilities	**Test Type:** Functional
Related Use Cases: UC02 - Doctor Edits Information	

Pre-conditions: Users have been sent their own unique links

Dependencies: User has installed a web browser, preferably Chrome, Internet Explorer, or Firefox

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	User clinks on unique links	URL	Doctor Availability Form loads with respective doctor information from database, no matter the web browser used	Doctor availability form was loaded with correct information	Pass
2	Doctor indicates their availabilities (less than three availabilities) and submits form	Checkbox	The system notifies user that he/she needs to indicate more than two availabilities and returns to the form.	The system notified the user to indicate more than two availabilities and returned to the form.	Pass

Post-conditions: Doctor returns to the form to indicate more availabilities.

Test Case TC_Export_01

Test Case ID: TC_Export_01	**Test Designed by:** Justin Herold
Test Priority: Medium	**Test Designed Date:** 4/18/2019
Module Name: LIC Export Page	**Test Executed by:** Alexander Parris
Test Title: Test exporting correctly-formatted csv doctor file	**Test Execution Date:** 4/28/19
Description: Test exporting doctors' schedules in csv format	**Test Type:** Functional
Related Use Cases: UC06 - Admin Exports Schedules	

Pre-conditions: The user has logged on to the system and all students have scheduled their clerkships.

Dependencies: Student and doctor schedules must be in the database

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the Download Schedules page	URL	Export page loaded properly	Export page loaded properly	Pass
2	Select "Doctors' under 'Export as CSV'		Download csv file window appears	Download csv file window appears	Pass
3	Select the file location user wants schedules to be downloaded to on local machine		The selected file location name is displayed along with the name of the file being downloaded	The selected file location name is displayed along with the name of the file being downloaded	Pass
4	Select "Okay" button		The file will then be downloaded to local machine (and appear in Excel if application is available).	The file will then be downloaded to local machine (and appear in Excel if application is available).	Pass

Post-conditions: The doctors' schedules are downloaded on the local machine.

Test Case TC_Export_02

Test Case ID: TC_Export_02	**Test Designed by:** Justin Herold
Test Priority: Medium	**Test Designed Date:** 4/18/2019
Module Name: LIC Export Page	**Test Executed by:** Alexander Parris
Test Title: Test exporting correctly-formatted csv students' schedules file	**Test Execution Date:** 4/29/19
Description: Test exporting students' schedules in csv format	**Test Type:** Functional
Related Use Cases: UC06 - Admin Exports Schedules	

Pre-conditions: The user has logged on to the system and all students have scheduled their clerkships.

Dependencies: Student and doctor schedules must be in the database

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the Download Schedules page	URL	Export page loaded properly	Export page loaded properly	Pass
2	Select "Students' under 'Export as CSV' header		Download csv file window appears	Download csv file window appears	Pass
3	Select the file location user wants schedules to be downloaded to on local machine		The selected file location name is displayed along with the name of the file being downloaded	The selected file location name is displayed along with the name of the file being downloaded	Pass
4	Select "Okay" button		The file will then be downloaded to local machine (and appear in Excel if application is available).	The file will then be downloaded to local machine (and appear in Excel if application is available).	Pass

Post-conditions: The students' schedules are downloaded on the local machine.

Test Case TC_Export_02

Test Case ID: TC_Export_02	**Test Designed by:** Justin Herold
Test Priority: Medium	**Test Designed Date:** 4/18/2019
Module Name: LIC Export Page	**Test Executed by:** Alexander Parris
Test Title: Test exporting correctly-formatted csv students' schedules file	**Test Execution Date:**4/29/19
Description: Test exporting students' schedules in csv format	**Test Type:** Functional
Related Use Cases: UC06 - Admin Exports Schedules	

Pre-conditions: The user has logged on to the system and all students have scheduled their clerkships.

Dependencies: Student and doctor schedules must be in the database

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the Download Schedules page	URL	Export page loaded properly	Export page loaded properly	Pass
2	Select "Students' under 'Export as CSV' header		Download csv file window appears	Download csv file window appears	Pass
3	Select the file location user wants schedules to be downloaded to on local machine		The selected file location name is displayed along with the name of the file being downloaded	The selected file location name is displayed along with the name of the file being downloaded	Pass
4	Select "Okay" button		The file will then be downloaded to local machine (and appear in Excel if application is available).	The file will then be downloaded to local machine (and appear in Excel if application is available).	Pass

Post-conditions: The students' schedules are downloaded on the local machine.

Test Case TC_Import_01

Test Case ID: TC_Export_04	**Test Designed by:** Justin Herold
Test Priority: Medium	**Test Designed Date:** 4/18/2019
Module Name: LIC Export Page	**Test Executed by:** Alexander Parris
Test Title: Test exporting correctly-formatted xlsx doctors' schedules file	**Test Execution Date:**4/29/19
Description: Test exporting doctor schedules in xlsx format	**Test Type:** Functional
Related Use Cases: UC06 - Admin Exports Schedules	

Pre-conditions: The user has logged on to the system and all students have scheduled their clerkships.

Dependencies: Student and doctor schedules must be in the database

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the Download Schedules page	URL	Export page loaded properly	Export page loaded properly	Pass
2	Select "Doctors' under 'Export as Excel' header		Download xlsx file window appears	Download xlsx file window appears	Pass
3	Select the file location user wants schedules to be downloaded to on local machine		The selected file location name is displayed along with the name of the file being downloaded	The selected file location name is displayed along with the name of the file being downloaded	Pass
4	Select "Okay" button		The file will then be downloaded to local machine (and appear in Excel if application is available).	The file will then be downloaded to local machine (and appear in Excel if application is available).	Pass

Post-conditions: The doctors' schedules are downloaded on the local machine in xlsx format.

Test Case TC_Import_01

Test Case ID: TC_Import_01	**Test Designed by:** Katie Ortstadt
Test Priority: Medium	**Test Designed Date:** 4/18/2019
Module Name: LIC Import Page	**Test Executed by:** Huy Bui
Test Title: Test importing correctly-formatted doctor file	**Test Execution Date:** 4/24/2019
Description: Test the import page	**Test Type:** Functional
Related Use Cases: UC07 - Admin Imports Users	

Pre-conditions: The user has logged on to the system as an administrator and has a correctly-formatted doctor information file.

Dependencies: None

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the importpage	URL	Import page loaded properly	Import page loaded properly	Pass
2	Select "Import Doctors' option		A file selection window appears	A file selection window appears	Pass
3	Select the correctly-formatted doctor information file	doctors.csv	The selected file name is displayed	The selected file name is displayed	Pass
4	Select "Upload" button		After a few seconds, confirmation is printed on the screen	The system takes more than a minute to import all Doctors	Pass

Post-conditions: The doctor data is saved to the database.

Test Case TC_Import_02

Test Case ID: TC_Login_02	Test Designed by: Katie Ortstadt
Test Priority: Medium	Test Designed Date: 4/20/2019
Module Name: LIC Import Page	Test Executed by: Huy Bui
Test Title: Test importing correctly-formatted student file with no doctors in the database	Test Execution Date: 4/24/2019
Description: Test the import page	Test Type: Functional
Related Use Cases: UC07 - Admin Imports Users	

Pre-conditions: The user has logged on to the system as an administrator and has a correctly-formatted student information file. There is no doctor file in the database.

Dependencies: None

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the import page	URL	Import page loaded properly	Import page loaded properly	Pass
2	Select "Import Students" option		A file selection window appears	A file selection window appears	Pass
3	Select the correctly-formatted student information file	student.csv	The selected file name is displayed	The selected file name is displayed	Pass
4	Select "Upload" button		Warning message appears because no phase 1 doctors are found	Warning message appears because no phase 1 doctors are found	Pass

Post-conditions: The student data is saved to the database.

Test Case TC_Import_03

Test Case ID: TC_Import_03	**Test Designed by:** Katie Ortstadt
Test Priority: Medium	**Test Designed Date:** 4/20/2019
Module Name: LIC Import Page	**Test Executed by:** Huy Bui
Test Title: Test importing correctly-formatted student file with matching doctors in database	**Test Execution Date:** 4/24/2019
Description: Test the import page	**Test Type:** Functional
Related Use Cases: UC07 - Admin Imports Users	

Pre-conditions: The user has logged on to the system as an administrator and has a correctly-formatted student information file. There are doctors in the database which match up with the students' phase one doctors.

Dependencies: None

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the import page	URL	Import page loaded properly	Import page loaded properly	Pass
2	Select "Import Students" option		A file selection window appears	A file selection window appears	Pass
3	Select the correctly-formatted student information file	student.csv	The selected file name is displayed	The selected file name is displayed	Pass
4	Select "Upload" button		File uploads successfully	File uploads successfully	Pass

Post-conditions: The student data is saved to the database.

Test Case TC_Import_04

Test Case ID: TC_Import_04		**Test Designed by:** Katie Ortstadt
Test Priority: Medium		**Test Designed Date:** 4/20/2019
Module Name: LIC Import Page		**Test Executed by:** Huy Bui
Test Title: Test importing doctor file with incorrect formatting but correct file extension		**Test Execution Date:** 4/24/2019
Description: Test the import page		**Test Type:** Functional
Related Use Cases: UC07 - Admin Imports Users		

Pre-conditions: The user has logged on to the system as an administrator and has an incorrectly-formatted doctor file. It is a .csv or excel file.

Dependencies: None

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the import page	URL	Import page loaded properly	Import page loaded properly	Pass
2	Select "Import Doctors" option		A file selection window appears	A file selection window appears	Pass
3	Select the incorrectly-formatted doctor information file	badDoc.csv	The selected file name is displayed	The selected file name is displayed	Pass
4	Select "Upload" button		Warning message indicates that the emails provided in the file are an unrecognized format. File does not upload.	Warning message indicates that the emails provided in the file are an unrecognized format. File does not upload.	Pass

Post-conditions: The previous doctor and student information is cleared from the database. Nothing new is saved to the database.

Test Case TC_Import_05

Test Case ID: TC_Import_05	Test Designed by: Katie Ortstadt
Test Priority: Medium	Test Designed Date: 4/20/2019
Module Name: LIC Import Page	Test Executed by: Huy Bui
Test Title: Test importing student file with incorrect formatting but correct file extension	Test Execution Date: 4/24/2019
Description: Test the import page	Test Type: Functional
Related Use Cases: UC07 - Admin Imports Users	

Pre-conditions: The user has logged on to the system as an administrator and has an incorrectly-formatted student file. It is a .csv or excel file.

Dependencies: None

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the import page	URL	Import page loaded properly	Import page loaded properly	Pass
2	Select "Import Students" option		A file selection window appears	A file selection window appears	Pass
3	Select the incorrectly-formatted student information file	badStu.csv	The selected file name is displayed	The selected file name is displayed	Pass
4	Select "Upload" button		Warning message indicates that the emails provided in the file are an unrecognized format. File does not upload.	Warning message indicates that the emails provided in the file are an unrecognized format. File does not upload.	Pass

Post-conditions: The previous student information is cleared from the database. Nothing new is saved to the database.

Test Case TC_Import_06

Test Case ID: TC_Import_06	Test Designed by: Katie Ortstadt
Test Priority: Medium	Test Designed Date: 4/20/2019
Module Name: LIC Import Page	Test Executed by: Huy Bui
Test Title: Test importing doctor file with an incorrect file extension	Test Execution Date: 4/24/2019
Description: Test the import page	Test Type: Functional
Related Use Cases: UC07 - Admin Imports Users	

Pre-conditions: The user has logged on to the system as an administrator and has a file with an incorrect extension.

Dependencies: None

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the import page	URL	Import page loaded properly	Import page loaded properly	Pass
2	Select "Import Doctors" option		A file selection window appears	A file selection window appears	Pass
3	Select a file with th eincorrect extension	pic.jpg	The file should not appear in the file selection window at all. Cannot be selected.	The file should not appear in the file selection window at all. Cannot be selected.	Pass

Post-conditions: Nothing new is saved to the database.

Test Case TC_Import_07

Test Case ID: TC_Import_07	**Test Designed by:** Katie Ortstadt
Test Priority: Medium	**Test Designed Date:** 4/20/2019
Module Name: LIC Import Page	**Test Executed by:** Huy Bui
Test Title: Test importing student file with an incorrect file extension	**Test Execution Date:** 4/24/2019
Description: Test the import page	**Test Type:** Functional
Related Use Cases: UC07 - Admin Imports Users	

Pre-conditions: The user has logged on to the system as an administrator and has a file with an incorrect extension.

Dependencies: None

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the import page	URL	Import page loaded properly	Import page loaded properly	Pass
2	Select "Import Students" option		A file selection window appears	A file selection window appears	Pass
3	Select a file with th eincorrect extension	pic.jpg	The file should not appear in the file selection window at all. Cannot be selected.	The file should not appear in the file selection window at all. Cannot be selected.	Pass

Post-conditions: Nothing new is saved to the database.

Test Case TC_Login_01

Test Case ID: TC_Login_01	**Test Designed by:** Katie Ortstadt
Test Priority: Medium	**Test Designed Date:** 4/18/2019
Module Name: LIC Login Screen	**Test Executed by:** Huy Bui
Test Title: Verify login with a valid username	**Test Execution Date:** 4/24/2019
Description: Test the LIC login page	**Test Type:** Functional
Related Use Cases:	

Pre-conditions: The user has a valid administrative username and password

Dependencies: None

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the login page	URL	Signup page loaded properly	Signup page loaded properly	Pass
2	Click username field and provide valid username	admin	No validation error message	No validation error message	Pass
3	Click the password filed and provide valid password	password	No validation error message	No validation error message	Pass
4	Click on Logon button		User should login	User should login	Pass

Post-conditions: The user is validated with the database and successfully logs in to account.

Test Case TC_Login_02

Test Case ID: TC_Login_02	**Test Designed by:** Katie Ortstadt
Test Priority: Medium	**Test Designed Date:** 4/18/2019
Module Name: LIC Login Screen	**Test Executed by:** Huy Bui
Test Title: Verify login with an incorrect username	**Test Execution Date:** 4/24/2019
Description: Test the LIC login page	**Test Type:** Functional
Related Use Cases:	

Pre-conditions: The user has an invalid administrative username and password

Dependencies: None

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the login page	URL	Signup page loaded properly	Signup page loaded properly	Pass
2	Click username field and provide an invalid username	fakeName	Can enter the username	Can enter the username	Pass
3	Click the password filed and provide an invalid password	fakePass	Can enter the password	Can enter the password	Pass
4	Click on Logon button		Invalid username error should appear. User cannot login.	Invalid username error should appear. User cannot login.	Pass

Post-conditions: The user is not successfully validated and cannot log in.

Test Case TC_Login_03

Test Case ID: TC_Login_03		**Test Designed by:** Katie Ortstadt
Test Priority: Medium		**Test Designed Date:** 4/18/2019
Module Name: LIC Login Screen		**Test Executed by:** Huy Bui
Test Title: Verify login with a correct username and an incorrect password		**Test Execution Date:** 4/24/2019
Description: Test the LIC login page		**Test Type:** Functional
Related Use Cases:		

Pre-conditions: The user has a valid administrative username and an invalid password

Dependencies: None

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the login page	URL	Signup page loaded properly	Signup page loaded properly	Pass
2	Click username field and provide a valid username	admin	Can enter the username	Can enter the username	Pass
3	Click the password filed and provide an invalid password	fakePass	Can enter the password	Can enter the password	Pass
4	Click on Logon button		Invalid password error should appear. User cannot login.	Invalid password error should appear. User cannot login.	Pass

Post-conditions: The user is not successfully validated and cannot log in.

Test Case TC_Login_04

Test Case ID: TC_Login_04	**Test Designed by:** Katie Ortstadt
Test Priority: Medium	**Test Designed Date:** 4/18/2019
Module Name: LIC Login Screen	**Test Executed by:** Huy Bui
Test Title: Verify login with a correct username and no password	**Test Execution Date:** 4/24/2019
Description: Test the LIC login page	**Test Type:** Functional
Related Use Cases:	

Pre-conditions: The user has a valid administrative username and an invalid password

Dependencies: None

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the login page	URL	Signup page loaded properly	Signup page loaded properly	Pass
2	Click username field and provide a valid username	admin	Can enter the username	Can enter the username	Pass
3	Leave the password field blank		Nothing happens	Nothing happens	Pass
4	Click on Logon button		Invalid password error should appear. Uer cannot login.	Invalid password error should appear. Uer cannot login.	Pass

Post-conditions: The user is not successfully validated and cannot log in.

Test Case TC_Login_05

Test Case ID: TC_Login_05	**Test Designed by:** Katie Ortstadt
Test Priority: Medium	**Test Designed Date:** 4/18/2019
Module Name: LIC Login Screen	**Test Executed by:** Huy Bui
Test Title: Test login with no username or password	**Test Execution Date:** 4/24/2019
Description: Test the LIC login page	**Test Type:** Functional
Related Use Cases:	

Pre-conditions: The user has a valid administrative username and an invalid password

Dependencies: None

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	Navigate to the login page	URL	Signup page loaded properly	Signup page loaded properly	Pass
2	Leave the username field blank		Nothing happens	Nothing happens	Pass
3	Leave the password field blank		Nothing happens	Nothing happens	Pass
4	Click on Logon button		Invalid username error should appear. User cannot login.	Invalid username error should appear. User cannot login.	Pass

Post-conditions: The user is not successfully validated and cannot log in.

Test Case TC_StudentScheduling_01

Test Case ID: TC_StudentScheduling_01	**Test Designed by:** Huy Bui
Test Priority: High	**Test Designed Date:** 4/24/2019
Module Name: LIC Student Scheduling Page	**Test Executed by:** Zach Alaniz
Test Title: Student Schedules	**Test Execution Date:** 4/25/19
Description: Test that students can schedule	**Test Type:** Functional
Related Use Cases: UC04 - Student Selects Clerkship	

Pre-conditions: Users have been sent their own unique links

Dependencies: User has installed a web browser, preferably Chrome, Internet Explorer, or Firefox

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	User clinks on unique links	URL	Student Scheduling Page loads with respective student information from database, no matter the web browser used	Scheduling page was loaded with correct information	Pass
2	User selects all 7 clerkships from all professions and location	URL	The system returns the correct availabilities for each profession	The system returned correct availabilities for each profession	Pass
3	User reviews and submits form	URL	The system matches doctors with the student and creates 7 clerkships. The system saves the created clerkships in the database and notifies user that the action is successful.	The system matched doctors with student and creates 7 clerkships. The system saved the created clerkships in the database and notified the user	Pass

Post-conditions: User successfully creates his/her schedule.

Test Case TC_StudentScheduling_02

Test Case ID: TC_StudentScheduling_02	**Test Designed by:** Huy Bui
Test Priority: Low	**Test Designed Date:** 4/24/2019
Module Name: LIC Student Scheduling Page	**Test Executed by:** Justin Herold
Test Title: Student Uses Unique Links	**Test Execution Date:** 4/25/19
Description: Test that the students cannot access unique links once their schedules have been filled out	**Test Type:** Functional
Related Use Cases: UC04 - Student Selects Clerkship	

Pre-conditions: Users have been sent their own unique links and submitted their schedule

Dependencies: User has installed a web browser, preferably Chrome, Internet Explorer, or Firefox

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	User clinks on unique links	URL	The system notifies user that he/she has already made their schedules. The system gives user contact of admin for more information.	The system notified the user that they have already created their schedule	Pass

Post-conditions: User is notified that he/she cannot redo their schedule.

Test Case TC_StudentScheduling_03

Test Case ID: TC_StudentScheduling_03	**Test Designed by:** Zach Alaniz
Test Priority: High	**Test Designed Date:** 4/24/2019
Module Name: LIC Student Scheduling Page	**Test Executed by:** Huy Bui
Test Title: Student Scheduling Error	**Test Execution Date:** 4/27/19
Description: Test that if there is a failure in a student schedule submission, the error is handled and the student is notified, giving them a chance to submit a different one.	**Test Type:** Functional
Related Use Cases: UC04 - Student Selects Clerkship	

Pre-conditions: Users have been sent their own unique links and have attempted to submit their schedule.

Dependencies: User has installed a web browser, preferably Chrome, Internet Explorer, or Firefox

Step	Test Step	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
1	User reviews and submits schedule.	URL	On failure, the student is notified and their scheduling page is reloaded, allowing them to re-submit.	Scheduling page was reloaded with proper message to the student.	Pass

Post-conditions: User is notified their schedule was not created yet, and are allowed to re-submit a new one.