**Sprint 1 Requirements Definition**

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| **Title of Page** | **Student Home – Student** |
| **Fields on Page** | This page should have:   * A vertical navigation bar on the left side of the screen with the following buttons: “Peer Eval,” “Report,” “Log Out” * A label centered at the top of the page titled “Incomplete Peer Evaluations” * Label titled “Select a teammate’s name to complete a peer evaluation” * Buttons in the center of the screen representing every student in the user’s group that have an unfinished peer evaluation * A label titled “Group [Current User’s Group #]” above the incomplete student evaluation buttons |
| **Validation Rules** | The unfinished student evaluation buttons can be pressed at any time  All buttons on the navigation bar can be pressed at any time  The “Log Out” button will return the user to the Log In page |
| **Sequence**  **(Before & After)** | Before:   * The previous student screen is the “Student Log In” screen. The user can insert their required username and password. The student must input the correct credentials to be brought to the “Student Home” page.   After:   * The student’s screen will display the “Complete Peer Evaluation” page, in which the user can complete the selected student’s peer review. Once fully completed, the student must click the “Submit” button, which will navigate the user to the confirmation page. |
| **Access Rules** | A student should only have access to the “Student Home” page.  The “Student Home” page can only be accessed if the username and password provided by the user are an existing combination in the student database.  Students can only access evaluations for students in their group |

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| **Title of Page** | **Complete Peer Evaluation – Student** |
| **Fields on Page** | This page should have:   * A vertical navigation bar on the left side of the screen with the following buttons: “Peer Eval,” “Report,” “Log Out” * A label stating “Student Being Evaluated: [Student Being Evaluated]” * A label titled “Please evaluate your teammate’s performance based on the criteria below. You may fill in additional comments if necessary.” * A series of evaluation subjects, including “Disciplinary and Multidisciplinary Knowledge,” Critical Thinking and Problem Solving,” Innovative and Entrepreneurial Skills,” “Communication,” “Collaboration,” “Intercultural Understanding and Sensitivity,” “Sensitivity Towards Developments in Asia,” Ethics and Social Responsibility,” “Self-Directedness and Meta-Learning,” Resilience and Positivity” * Drop down menus allowing the scoring of each topic * A textbox with as label titled “Additional Comments” allowing the user to add supplementary comments about the student being evaluated * A “Submit” button that completes the evaluation |
| **Validation Rules** | For each dropdown menu, inputs should be limited to the following scale based on frequency of the action in question:   * 0 – Never, 1 – Sometimes, 2 – Usually, 3 – Regularly, 4 – Always * Any input that is not included in the dropdown should produce an error   The current time and date of the peer evaluation should be stored immediately after submission   * Neither the time and date nor the submission values can be changed after completing the review   The “Submit” button can’t be successfully pressed until all the required fields are answered   * Returns an entry error message and highlights the remaining fields that must be completed   After submitting the evaluation, the evaluator’s name should be stored in the system  The “Additional Comments” textbox has a 300-character limit  All buttons on the navigation bar can be pressed at any time   * If pressed before the “Submit” button, any action done will be nullified |
| **Sequence**  **(Before & After)** | Before:   * The student’s will screen will display a list of only students in their own group for the specific course. A navigation bar on the left side of the screen will display “Report,” Log Out,” and “Peer Eval” buttons. If a peer evaluation has already been completed, the student’s name will be ticked and appear at the bottom of the list. The student must click on one of the unevaluated student’s names to be presented with the “Write Peer Evaluation” page and start the evaluation process.   After:   * After the “Complete Peer Evaluation” page is completed, the message “Thank you for completing a peer evaluation for [student’s name]” will appear on a new confirmation page (“Peer Evaluation Confirmation Page). A button will appear alongside the message allowing the user to go back to the peer evaluation home page when clicked. |
| **Access Rules** | A student should only have access to evaluations about others in the same group (or class if the class size is small)   * Self-evaluations and evaluations to those outside the student’s group are not permitted   Only students can access evaluations, instructors and other stakeholders in the system will not be able to evaluate students |

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| **Title of Page** | **Peer Evaluation Confirmation Page – Student** |
| **Fields on Page** | This page should have:   * A vertical navigation bar on the left side of the screen with the following buttons: “Peer Eval,” “Report,” “Log Out” * A label titled “Peer evaluation For: [Student Being Evaluated]” * A label as a confirmation message that displays “You successfully submitted a peer review for: [Student Being Evaluated]” * A “Back to Main” button below the confirmation message |
| **Validation Rules** | All buttons on the navigation bar can be pressed at any time  The “Back to Main” button can be pressed at any time |
| **Sequence**  **(Before & After)** | Before:   * The student’s screen will display the “Complete Peer Evaluation” page, in which the user can complete the selected student’s peer review. Once fully completed, the student must click the “Submit” button, which will navigate the user to the current confirmation page.   After:   * The student’s will screen will display a list of only students in their own group for the specific course. A navigation bar on the left side of the screen will display “Report,” Log Out,” and “Peer Eval” buttons. If a peer evaluation has already been completed, the currently evaluated student will no longer appear. |
| **Access Rules** | A student should only have access to the page.  The page can only be accessed once a student peer evaluation is successfully completed. |

**Sprint 1 Implementation Test Plan**

For sprint 1, we are implementing the various aspects of our website that revolve around the use case “As a student I want to be able to complete an evaluation so other students can monitor their performance.” Therefore, testing needs to occur on the Login page, the Student Home page, the Complete Peer Evaluation page, and the Peer Review Confirmation page. The most important usages that need to be tested are as follows:

Login Page:

* Blank username or password fields produces error messages
* Input of username and password logs into database (Not connected to database yet)

Student Home Page:

* The “Report” button brings user to the Reports page
* The “Peer Eval” button brings user to the Complete Peer Evaluation Page
* The “Log Out” button returns user to the Login page
* Pressing any name brings user to the peer evaluation page for that specific student

Complete Peer Evaluation Page:

* Skipped entries produce an error message (“Please select one of these options”)
* Label titled “Peer Evaluation for [Student Name]”
* The “Reset” button erases all preexisting responses
* The “Submit” button directs user to the Peer Review Confirmation page if all dropdowns are completed

Peer Review Confirmation Page:

* Page displays a confirmation message (“You successfully submitted a peer evaluation for [Student Name]”)
* “Go Back” button directs the user to the Complete Peer Evaluation page

Testing will be performed on March 23, 2022

**Manual Testing Results**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Incorrect Login Info | Login Error Messages | Connection to Database for [Student Name] | Dropdown Error Messages | Form Submission | Working Buttons |
| Result | Checkmark outline | Checkmark outline | Checkmark outline | Checkmark outline | Checkmark outline | Checkmark outline |

**Traceability Matrix**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Log In  https://d1xu91qo2vrtxn.cloudfront.net/ | Student Home  https://d1xu91qo2vrtxn.cloudfront.net/STUDENT\_home.php | Peer Evaluation Form  https://d1xu91qo2vrtxn.cloudfront.net/STUDENT\_form.php?user=David%20Corcoran&group=3 | Form Submission Confirmation  https://d1xu91qo2vrtxn.cloudfront.net/STUDENT\_success.php?user=David%20Corcoran | Status |
| Login Input Validation | x |  |  |  | Pass |
| Database Connection for [Student Name] |  |  | x | x | Pass |
| Dropdown Validation |  |  | x |  | Pass |
| Incomplete Reviews |  | x |  |  | Pass |
| Navigation Bar Buttons |  | x | x | x | Pass |

**Test Cases**

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| --- | --- |
| **Title of Test Case** | **Complete Peer Review (SPRINT 1)** |
| **Sequence** | 1. Go to <https://d1xu91qo2vrtxn.cloudfront.net/> 2. Type “davidc@smu.edu” in the username box and “password123” in the password box 3. Click the “Log in as Student” button 4. Check that the “Incomplete Peer Evaluations” title exists 5. Check that peer evaluations appear below the title as buttons in their respective group 6. Check that three buttons appear on the vertical navigation bar: “Peer Eval,” Report,” and “Log Out” 7. Click the incomplete peer evaluation button for “James Baron” 8. Check that 19 behavioral categories exist with dropdowns underneath each 9. Check for a “Peer Evaluation for: James Baron” label at the top of the page 10. Leave all 19 behavioral categories blank 11. Press the “Submit” button 12. Check that an error message appears for the first question is displayed as “Please select one of these options” 13. Choose “0-Never” in only the first category 14. Click the “Reset” button 15. Verify the first category’s action has been erased 16. Choose “0 - Never” in every category dropdown 17. Press the “Submit” button 18. Check for the confirmation message “Thank you for completing a peer review for: James Baron.” 19. Click the “Go Back” button 20. Log out |
| **Title of Test Case** | **Failed Login (SPRINT 1)** |
| **Sequence** | 1. Go to <https://d1xu91qo2vrtxn.cloudfront.net/> 2. Leave username and password boxes empty 3. Press the “Log in as Student” button 4. Type “[david@smu.edu](mailto:david@smu.edu)” as the username and “password12” as the password 5. Press the “Log in as Student” button 6. Verify an “Incorrect username or password” error message appears 7. Type “[david@smu.edu](mailto:david@smu.edu)” as the username and “password12” as the password 8. Press the “Log in as Instructor” button 9. Verify an “Incorrect username or password” error message appears |

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| --- | --- |
| **Title of Test Case** | **Instructor Login – Student (SPRINT 1)** |
| **Sequence** | 1. Go to <https://d1xu91qo2vrtxn.cloudfront.net/> 2. Type [alana@smu.edu](mailto:alana@smu.edu) as the username and “password123” as the password 3. Click the “Log in as Instructor” button 4. Verify the username and password combination brings the user to the instructor home page |

**Sprint 2 Requirements Definition**

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| --- | --- |
| **Title of Page** | **Schedule Peer Evaluations - Instructor** |
| **Fields on Page** | This page should contain:   * A label saying, “Schedule Peer Evaluations,” as well as the instructor’s name trying to schedule the evaluations * Two date input types, allowing for the selection of when peer evaluations will be posted and when they will be due * A dropdown menu with all groups that the instructor is teaching that semester * A “Submit” button to confirm the dates chosen for the peer evaluations * A “Reset” button that removes all current inputs on the page |
| **Validation Rules** | A date must be chosen by the instructor in both date inputs   * If a date isn’t selected in either box, an error message is displayed stating, “A date must be entered” * A valid date and time must be inputted - (MM/DD/YYYY H:MM)   A dropdown selection must be made for the instructor’s groups   * The course dropdown should contain all the groups that the instructor is teaching that semester * If nothing is selected, an error message is displayed stating, “A group is not selected”   The “Submit” button can’t be successfully pressed until all input fields are without errors  The “Reset” button can be clicked at any time and nullifies any action performed |
| **Sequence**  **(Before & After)** | Before:   * The instructor is presented with the “Students and Courses” screen, with button options called “Students and Courses,” Scheduling,” “Reports”, and “Log Out.” Clicking the “Scheduling” button will bring the instructor to the “Schedule Peer Evaluations” page, where selections on scheduling can occur.   After:   * After the “Schedule Peer Evaluations” form is completed, a message is displayed saying, “Thank you for scheduling peer evaluations for [Group #] on [Due date of reviews]. A “Back to Main” button is also presented and when clicked, will bring the instructor back to the “Students and Courses” page. |
| **Access Rules** | An instructor should only be able to schedule new peer evaluations on dates after the previous peer evaluation deadline   * This eliminates any overlap in the evaluations filled out by students   Only an instructor is allowed access to the page. |

|  |  |
| --- | --- |
| **Title of Page** | **Schedule Confirmation - Instructor** |
| **Fields on Page** | This page should have:   * A vertical navigation bar on the left side of the screen with the following buttons: “Students and Courses,” “Scheduling,” “Report,” and “Log Out” * A label as a confirmation message that displays “You successfully scheduled peer reviews for [Date of Review]” * A “Back to Main” button below the confirmation message |
| **Validation Rules** | All buttons on the navigation bar can be pressed at any time  The “Back to Main” button can be pressed at any time |
| **Sequence**  **(Before & After)** | Before:   * The instructor’s screen will display the “Schedule Peer Evaluation” page, in which the user can schedule peer evaluations for all groups related to the instructor. Once fully completed, the instructor must click the “Submit” button, which will navigate the user to the confirmation page.   After:   * The instructors will return to the “Students and Courses” page. A navigation bar on the left side of the screen will display “Students and Courses,” “Scheduling,” “Report,” and “Log Out” buttons. |
| **Access Rules** | An instructor should only have access to the page.  The page can only be accessed once scheduling a student peer evaluation is successfully completed. |

**Sprint 2 Implementation Plan**

For sprint 2, we are implementing the various aspects of our website that revolve around the use case "As an instructor I want to schedule an evaluation so that students know who to evaluate and when the evaluation is due” Therefore, testing needs to occur on the Login page, the Instructor Home page, the Schedule Peer Evaluation page, and the Schedule Confirmation page. The most important usages that need to be tested are as follows:

Instructor Login:

* Blank username or password fields produces error messages
* Input of username and password logs into database

Instructor Home Page:

* The “Students and Courses” button brings user to the Students and Courses page
* The “Scheduling” button brings user to the Schedule Peer Evaluation Page
* The “Reports” button brings user to the Instructor Reports Page
* The “Log Out” button returns user to the Login page

Schedule Peer Evaluation Page:

* Skipped entries produce an error message (“Please enter a course or group”)
* Course and group dropdowns contain instructor’s classes and groups for chosen class
* Date and time values are only valid for future dates
* The “Reset” button erases all preexisting responses
* The “Submit” button directs user to the Schedule Confirmation page if all date inputs are complete

Schedule Confirmation Page:

* Page displays a confirmation message (“You have successfully scheduled a peer evaluation for [Group #]”)
* “Go Back” button directs the user to the Scheduling page

Testing will be performed on April 6th, 2022

**Manual Testing Results**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Login Validation | Dropdown Validation | Database Connections | Invalid Date Inputs | Form Submission | Working Buttons |
| Result | Checkmark outline | Checkmark outline | Checkmark outline | Checkmark outline | Checkmark outline | Checkmark outline |

**Traceability Matrix**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Login  https://d1xu91qo2vrtxn.cloudfront.net/ | Instructor Home  https://d1xu91qo2vrtxn.cloudfront.net/INSTRUCTOR\_home.php | Schedule Peer Evaluation  https://d1xu91qo2vrtxn.cloudfront.net/INSTRUCTOR\_schedule.php | Schedule Confirmation  https://d1xu91qo2vrtxn.cloudfront.net/INSTRUCTOR\_success.php?group=1 | Status |
| Login Input Validation | x |  |  |  | Pass |
| Date Input Validation |  |  | x |  | Pass |
| Database Connections |  | x | x | x | Pass |
| Form Submission |  |  |  | x | Pass |
| Navigation Bar Buttons |  | x | x | x | Pass |

**Test Cases**

|  |  |
| --- | --- |
| **Title of Test Case** | **Schedule Peer Evaluation (SPRINT 2)** |
| **Sequence** | 1. Go to <https://d1xu91qo2vrtxn.cloudfront.net/> 2. Type [hokieb2022@gmail.edu](mailto:hokieb2022@smu.edu) as the username and “password123” as the password 3. Click the “Log in as Instructor” button 4. Verify the username and password combination brings the user to the instructor home page 5. Click the “Reports” button 6. Click the “Student Groups” button 7. Click the “Scheduling” button on the navigation menu 8. Choose “ECON240” in the Choose Course dropdown 9. Choose “Group 1” in the Choose Group dropdown 10. Select “4/15/2022 11:59 PM” for the Schedule date & time input 11. Select “4/20/2022 11:59 PM” for the Due date & time input 12. Click the “Submit” button 13. Check for the confirmation message “You have successfully scheduled a peer evaluation for Group 1” 14. Click the “Go Back” button 15. Log Out |

|  |  |
| --- | --- |
| **Title of Test Case** | **Invalid Scheduling (SPRINT 2)** |
| **Sequence** | 1. Go to <https://d1xu91qo2vrtxn.cloudfront.net/> 2. Type “[hokieb2022@gmail.edu](mailto:hokieb2022@gmail.edu)” as the username and “password123” as the password 3. Click the “Log in as Instructor” button 4. Verify the username and password combination brings the user to the instructor home page 5. Click the “Scheduling” button on the navigation menu 6. Press the “Submit” button 7. Verify that an error message appears stating “Please select a course or group” 8. Press the “Reset” button 9. Select “ECON240: G1 Term 1” in the Choose Course dropdown 10. Press the “Submit” button 11. Verify that an error message appears stating “Please select a course and date” 12. Log Out |

|  |  |
| --- | --- |
| **Title of Test Case** | **Invalid Instructor Login (SPRINT 2)** |
| **Sequence** | 1. Go to <https://d1xu91qo2vrtxn.cloudfront.net/> 2. Leave username and password boxes empty 3. Press the “Log in as Instructor” button 4. Verify an “Incorrect username or password” error message appears 5. Type “[hokieb2022@gmail.edu](mailto:hokieb2022@gmail.edu)” as the username and “password12” as the password 6. Press the “Log in as Instructor” button 7. Verify an “Incorrect username or password” error message appears 8. Type “[hokieb2021@gmail.edu](mailto:hokieb2021@gmail.edu)” as the username and “password123” as the password 9. Press the “Log in as Instructor” button 10. Verify an “Incorrect username or password” error message appears |

**Sprint 3 Requirements Definition**

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| --- | --- |
| **Title of Page** | **Edit Student Groups - Instructor** |
| **Fields on Page** | This page should contain:   * A vertical navigation bar on the left side of the screen with the following buttons: “Students and Courses,” “Scheduling,” “Student Groups,” “Report,” and “Log Out” * A label stating “Editing [Course Name] * Buttons titled “Add Student” and “Remove Student” * A table displaying all the current students in the group * A table displaying all groups in the selected course * A “Submit” button to be pressed once the instructor is finished editing the group |
| **Validation Rules** | Groups can’t exceed more than 7 people   * If the selected group already contains 7 people, the instructor cannot transfer a student into the full group * The instructor must transfer out a student from the full group before adding a new student   The “Groups” table must consist of the groups in the selected course   * A group must be selected before submission   The “Team Members” table must consist of the students in the selected group   * A team member must be selected before an action takes place   The “Add Student” button can only be successfully pressed once a student and group are selected   * Pressing the “Add Student” button brings up a form with a group name input   The “Remove Student” button can only be successfully pressed once a student and group are selected   * Pressing the “Remove Student” button brings up a confirmation pop up form   The “Submit” button can only be pressed groups contain 7 or less students and when an action is completed (add or remove) |
| **Sequence**  **(Before & After)** | Before:   * At the “Student Groups” page, the instructor will be presented with a table filled with all existing courses and student groups. The instructor can choose to edit any course appearing on the screen. Clicking the “Edit Groups” button will transfer the instructor to the “Edit Student Groups” page.   After:   * After editing the chosen student groups, a message saying “Thank you for editing groups for [Course Name]” is displayed. Alongside the message is a “Return to the Student Groups Page” button that when pressed, will take the instructor to the “Student Groups Page”. The page will now contain the edited results in the course tables. |
| **Access Rules** | Instructors should only be allowed to add students to groups that are registered in the same class   * Students from other sections of the course should not appear   Only an instructor is allowed access to the “Edit Student Groups” page |

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| --- | --- |
| **Title of Page** | **Edit Confirmation - Instructor** |
| **Fields on Page** | This page should have:   * A vertical navigation bar on the left side of the screen with the following buttons: “Students and Courses,” “Scheduling,” “Student Groups,” “Report,” and “Log Out” * A label as a confirmation message that displays “You have successfully edited student groups for [Course Name]” * A “Back to Main” button below the confirmation message |
| **Validation Rules** | All buttons on the navigation bar can be pressed at any time  The “Back to Main” button can be pressed at any time |
| **Sequence**  **(Before & After)** | Before:   * The instructor’s screen will display the “Edit Student Groups” page, in which the user can add or removes students from groups in the previously selected course. Once fully completed, the instructor must click the “Submit” button, which will navigate the user to the confirmation page.   After:   * The instructors will return to the “Student Groups” page. A navigation bar on the left side of the screen will display “Students and Courses,” “Scheduling,” “Report,” and “Log Out” buttons. |
| **Access Rules** | An instructor should only have access to the page.  The page can only be accessed once scheduling a student peer evaluation is successfully completed. |

|  |  |
| --- | --- |
| **Title of Page** | **Students and Courses - Instructor** |
| **Fields on Page** | This page should contain:   * A vertical navigation bar on the left side of the screen with the following buttons: “Students and Courses,” “Scheduling,” “Student Groups,” “Report,” and “Log Out” * A label saying “Students and Courses “ * Tables with each course and subsequent student * An “Upload File” button that allows the instructor to import a .csv file * A “Submit” button to confirm the addition |
| **Validation Rules** | The “Upload File” button can be pressed at any time   * The file type is a csv * The button will return every student’s first name, last name, student id, course code, course section, and instructor last name |
| **Sequence**  **(Before & After)** | Before:   * The previous student screen is the “Log In” screen. The user can insert their required username and password. The instructor must input the correct credentials to be brought to the “Instructor Home” page.   After:   * After importing a file, the new student course should be displayed on the screen. The instructor is then free to navigate anywhere on the website. A navigation bar on the left side of the screen will display “Students and Courses,” “Scheduling,” “Report,” and “Log Out” buttons. |
| **Access Rules** | An instructor can update the students and courses at their own discretion.  Only instructors should be allowed to import students and courses into the database. |

|  |  |
| --- | --- |
| **Title of Page** | **Import Students and Courses - Instructor** |
| **Source** | csv file |
| **Documentation** | <https://www.aspsnippets.com/Articles/Import-CSV-File-to-HTML-Table-using-JavaScript.aspx> |
| **Fields to Import, and Filtering Process** | Import recalls students for the current year, but only those registered in the given instructor’s classes. Import only the student’s first name, last name, student id, course code, course section, and instructor last name. If a student recall already exists in the database, over-write the recall with the new information. This way it will be more up to date. |
| **Sequence** | This import script will run whenever the user navigates to the “Students and Courses” page.  This action is done manually and can be updated at the instructor’s discretion. |

**Sprint 3 Implementation Plan**

For sprint 3, we are implementing the various aspects of our website that revolve around the use case "As an instructor, I want to be able to edit student groups so that students can be placed in the correct groups in the correct classes.” Therefore, testing needs to occur on the Login page, the Upload page, the Student Groups page, and the Edit Student Groups page. The most important usages that need to be tested are as follows:

Instructor Login Page:

* Input of username and password logs into database

Upload Page:

* The “Upload File” button grants the ability to retrieve a csv file
* “Submit” button finalizes the import
* A new course appears on the Students and Courses page

Student Groups Page:

* The “Edit” button brings user to the Edit Groups page for selected group and course
* The “Add Group” button successfully adds a group to the selected course
* The “Delete Group” button successfully removes a group from the selected course
* Input validation for the cancelation of removing a group should appear as a pop-up

Edit Student Groups Page:

* “Group [#]” should appear at the top of the page
* The “Add Student” button brings up a dropdown to select a student to add to the group
* The “Submit” button successfully adds the selected student to the group
* The “Remove Student” button successfully removes a student from the group
* Input confirmation for removing a student should appear as a pop-up message

Testing will be performed on April 20th, 2022

**Manual Testing Results**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Remove Group | Add Group | Edit Group | Database Connections | CSV File Selection | Form Submission | Working Buttons | Input Validation |
| Result | Checkmark outline | Checkmark outline | Checkmark outline | Checkmark outline | Checkmark outline | Checkmark outline | Checkmark outline | Checkmark outline |

**Traceability Matrix**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Login**  https://d1xu91qo2vrtxn.cloudfront.net/ | **Upload**  https://d1xu91qo2vrtxn.cloudfront.net/INSTRUCTOR\_upload.php | **Student Groups**  https://d1xu91qo2vrtxn.cloudfront.net/INSTRUCTOR\_groups.php | **Edit Groups**  https://d1xu91qo2vrtxn.cloudfront.net/INSTRUCTOR\_editGroups.php?courseid=4&coursename=Economics%20of%20Globlalisation | **Status** |
| Add Group |  |  | x |  | Pass |
| Remove Group |  |  | x |  | Pass |
| Input Validation |  |  |  | x | Pass |
| Working Buttons |  | x | x |  | Pass |
| Database Connection |  | x |  | x | Pass |
| Login Validation | x |  |  |  | Pass |

**Test Cases**

|  |  |
| --- | --- |
| **Title of Test Case** | **Add Group (SPRINT 3)** |
| **Sequence** | 1. Go to <https://d1xu91qo2vrtxn.cloudfront.net/> 2. Type [hokieb2022@gmail.edu](mailto:hokieb2022@smu.edu) as the username and “password123” as the password 3. Click the “Student Groups” tab on the navigation menu 4. Press the “Add Group” button for the course called “ECON113 Economics of Globalization” 5. Type “Group Test” into the add group textbox 6. Press “Ok” 7. Log out |

|  |  |
| --- | --- |
| **Title of Test Case** | **Import Students (SPRINT 3)** |
| **Sequence** | 1. Go to <https://d1xu91qo2vrtxn.cloudfront.net/> 2. Type [hokieb2022@gmail.edu](mailto:hokieb2022@smu.edu) as the username and “password123” as the password 3. Navigate to the “Upload” page from the navigation menu 4. Click the “Upload File” button 5. Select the “Course.csv” file 6. Press “Submit” 7. Verify that the students were added 8. Log out |

|  |  |
| --- | --- |
| **Title of Test Case** | **Remove Group (SPRINT 3)** |
| **Sequence** | 1. Go to <https://d1xu91qo2vrtxn.cloudfront.net/> 2. Type “[hokieb2022@gmail.edu](mailto:hokieb2022@gmail.edu)” as the username and “password123” as the password 3. Click the “Student Groups” tab on the navigation menu 4. Press the “Delete” Group button for “Group Test” 5. Select “Ok” on the confirmation pop-up 6. Log out |

|  |  |
| --- | --- |
| **Title of Test Case** | **Edit Student Groups (SPRINT 3)** |
| **Sequence** | 1. Go to <https://d1xu91qo2vrtxn.cloudfront.net/> 2. Type “[hokieb2022@gmail.edu](mailto:hokieb2022@gmail.edu)” as the username and “password123” as the password 3. Click the “Student Groups” tab on the navigation menu 4. Click the “Edit Group” button for “Group 10” in the course “ECON113 Economics of Globalization” 5. Verify “Group 10” appears at the top of the page 6. Press the “Remove Student” button 7. Select “David Corcoran” in the “Choose Student” dropdown 8. Press “Remove Student” 9. Click Ok” in the confirmation pop-up 10. Check if “David Corcoran” is removed from “Group 10” of “ECON113 Economics of Globalization” 11. Press “Add Student” 12. Select “David Corcoran” in the “Choose Unassigned Student” dropdown 13. Press the “Submit” button 14. Check if “David Corcoran” appears in “Group Test” of “ECON113 Economics of Globalization” 15. Log out |

|  |  |
| --- | --- |
| **Title of Test Case** | **Edit Group Validation (SPRINT 3)** |
| **Sequence** | 1. Go to <https://d1xu91qo2vrtxn.cloudfront.net/> 2. Type [hokieb2022@gmail.edu](mailto:hokieb2022@smu.edu) as the username and “password123” as the password 3. Click the “Student Groups” tab on the navigation menu 4. Click the “Edit Groups” button for “ECON113 Economics of Globalization” 5. Press “Remove Group” 6. Ensure the confirmation message “Are you sure?” appears 7. Click “Cancel” 8. Verify the confirmation message “The group will NOT be deleted” appears 9. Press “Ok” 10. Log out |

**Order of Sprint 3 Test Cases:**

1. Add Student Group
2. Edit Student Group Validation
3. Edit Student Groups
4. Remove Student Group