|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **UC1** | **Login** | | | | | |
| **ID** | **Description** | **Input** | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **1.1** | **User inputs valid username and password (matching inputs)** | **Username: “student1”**  **Password: “a1b3c3d4”** | **User is redirected to student main page** | **PASS** |  |  |
| **1.2** | **User inputs a valid password and admin username** | **Username: “Jason”**  **Password: “Password1”** | **User is redirected to admin main page** | **PASS** |  |  |
| **1.3** | **User inputs invalid username and/or password** | **Username:”student1”**  **Password:”abc”** | **"Incorrect password and/or username"** | **PASS** |  |  |
| **1.4** | **User tries to login with one of the fields empty** | **Username:”student1”**  **Passowrd:** | **"Incorrect password and/or username"** | **PASS** |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **UC2** | **Logout** | | | | | |
| **ID** | **Description** | **Input** | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **2.1** | **User clicks on "logout" button** |  | **User is redirected to student main page** | **PASS** |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **UC4** |  | | **Sign up** | | | | |
| **ID** | **Description** | **Input** | | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **4.1** | **User inputs valid username, email and password.** | **Username: “student1”**  **Password:”a1b2c3d4”**  **Email: student1@gmail.com** | | **Account is created and the user is redirected to the preferences page in their new account** | **PASS** |  |  |
| **4.2** | **User inputs a valid password and username, but an invalid email.** | **Username: “student1”**  **Password:”a1b2c3d4”**  **Email: student1** | | **Error Message displayed asking user to enter a valid email** | **FAIL** | **2** | **fixed for v1.2** |
| **4.3** | **User inputs a valid password and email, but an invalid username.** | **Username: “a”**  **Password:”a1b2c3d4”**  **Email: student1@gmail.com** | | **Error Message displayed asking user to input a username with 4-6 characters** | **PASS** |  |  |
| **4.4** | **User inputs "admin" as a username, with a valid password and email.** | **Username: “admin”**  **Password:”a1b2c3d4”**  **Email: student1@gmail.com** | | **Error message appears notifying user that the username entered is invalid** | **PASS** |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **UC7** | **View auto-generated list of taken courses** | | | | | |
| **ID** | **Description** | **Input** | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **7.1** | **User inputs a valid number of semesters taken (between 1 and 7) and selects “generate course list”** | **-Number of semesters: 1**  **-Select “generate course list”** | **A pop-up asking for confirmation to generate the course list is displayed.** | **Pass** |  |  |
| **7.2** | **User selects “Yes” in the pop-up prompting for confirmation to generate the course list** | **-Select “Yes”** | **The pop-up closes and courses are auto-generated and added to the list of taken courses** | **Pass** |  |  |
| **7.3** | **User selects “No” in the pop-up prompting for confirmation to generate the course list** | **-Select “No”** | **The pop-up closes and the input to “semesters taken” is blank.** | **Pass** |  |  |
| **7.4** | **User inputs an invalid number of semesters taken (not between 1 and 7) selects “generate course list”** | **Number of semesters: 0** | **An error message is displayed and the “generate course list” option doesn’t do anything.** | **Pass** |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **UC8** | **Set taken courses** | | | | |  | |
| **ID** | **Description** | **Input** | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **8.1** | **User selects the “add class” option for the taken courses list** | **Select “Add class”** | **User is presented with a pop-up box prompting for an input of a course number or an input of a course name** | **Pass** |  |  |
| **8.2** | **User inputs a valid (present in the database) course number and selects “add class”** | **Course number: SOEN 341**  **Select “Add class”** | **The course name corresponding to the course number is automatically generated. The pop-up box closes, and the inputted course is added to the list of taken courses** | **Pass** |  |  |
| **8.3** | **User inputs a valid (present in the database) course name and selects “add class”** | **Course name: Software Process**  **Select “Add class”** | **The course number corresponding to the course name is automatically generated. The pop-up box closes, and the inputted course is added to the list of taken courses** | **Pass** |  | **Fixed v1.1** |
| **8.4** | **User inputs a valid (present in the database,) course number and/or course name already in the list of taken courses and selects “add class”** | **Course name: SOEN 341**  **Select “Add class”** | **An error message is displayed and selecting the “add class” option doesn’t do anything.** | **Pass** |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **UC9** | **Set needed courses** | | | | |  |
| **ID** | **Description** | **Input** | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **9.1** | **User selects the “add class” option for the needed courses list** | **Select “Add class”** | **User is presented with a pop-up box prompting for an input of a course number or an input of a course name** | **Pass** |  |  |
| **9.2** | **User inputs a valid (present in the database, does not conflict with another course time and the prerequisites are met) course number and selects “add class”** | **Course number: SOEN 341**  **Select “add class”** | **The course name corresponding to the course number is automatically generated. The pop-up box closes, and the inputted course is added to the list of needed courses** | **Pass** |  | **Fixed v1.1** |
| **9.3** | **User inputs a valid (present in the database, does not conflict with another course time and the prerequisites are met) course name and selects “add class”** | **Course number: Software Process**  **Select “add class”** | **The course number corresponding to the course name is automatically generated. The pop-up box closes, and the inputted course is added to the list of needed courses** | **Pass** |  |  |
| **9.4** | **User inputs a course number or course name that conflicts with the time of another course in the list of needed courses and selects “add class”** | **Course number: COMP 249**  **Select “add class”** | **An error message is displayed and selecting the “add class” option doesn’t do anything.** | **Pass** | **3** | **Fixed v1.2** |
| **9.5** | **User inputs a course number or course name for which the prerequisites are not met and selects “add class”** | **Course number: SOEN 422**  **Select “add class”** | **An error message is displayed and selecting the “add class” option doesn’t do anything.** | **Pass** | **3** | **Fixed v1.2** |
| **9.6** | **User inputs an invalid (not present in the database) course number and/or course name and selects “add class”** | **Course number: SOSO 123**  **Select “add class”** | **An error message is displayed and selecting the “add class” option doesn’t do anything.** | **Pass** |  |  |
| **9.7** | **User inputs a valid (present in the database, does not conflict with another course time and the prerequisites are met) course number and/or course name already in the list of needed courses and selects “add class”** | **Course number: SOEN 341**  **Select “add class”** | **Pass** |  | **Fixed v1.1** |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **UC10** | **Delete needed courses** | | | | |  |
| **ID** | **Description** | **Input** | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **10.1** | **User selects the delete icon of a course in the list of needed courses** | **Select the delete icon** | **The course is removed from the list of needed courses** | **Pass** |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **UC11** | **Delete taken courses** | | | | |  |
| **ID** | **Description** | **Input** | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **11.1** | **User selects the delete icon of a course in the list of taken courses** | **Select the delete icon** | **The course is removed from the list of taken courses** | **Pass** |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **UC12** | **Set preferences :Related to (Modify Preferences)** | | | | |  |
| **ID** | **Description** | **Input** | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **12.1** | **User selects his desired day off to be a specific day (Monday, Tuesday, Wednesday, Thursday, or Friday) from the drop down menu** | **Select “Monday”** | **The selected day is displayed as the desired day off** | **Pass** |  |  |
| **12.2** | **User selects his desired day off to be “none” from the drop down menu** | **Select “none”** | **“none” is displayed as the desired day off** | **Pass** |  |  |
| **12.3** | **User selects his preferred time of the day to be either “mornings”, afternoons” or “evenings” from the drop down menu** | **Select “mornings”** | **The selected preferred time of the day is displayed as the preferred time of the day** | **Pass** |  |  |
| **12.4** | **User selects his preferred time of the day to be “Any” from the drop down menu** | **Select “any”** | **“Any” is displayed as the preferred time of the day** | **Pass** |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **UC13** | **Generate schedule** | | | | |  |
| **ID** | **Description** | **Input** | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **13.1** | **User selects the “build schedule” option** | **Select “build schedule”** | **User is directed to the schedule page, and multiple schedules are generated according to the preferences and needed courses.** | **Fail** | 4 | **Fixed v1.2** |
| **13.2** | **User selects an arrow on the schedule page to see a different generated schedule** | **Select an arrow** | **Another generated schedule is displayed on the schedule page** | **Pass** |  | **Fixed v1.1** |
| **13.3** | **User selects “select this schedule” from the schedule page** | **Select “select this schedule”** | **User is directed to the sequence page. The selected schedule is displayed along with the user’s course sequence** | **Fail** | **4** | **Fixed v1.2** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **UC19** |  | | **Edit Account Information** | | | | |
| **ID** | **Description** | **Input** | | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **19.1** | **User changes the username by inputting a new valid username** | **Username: “studnetx”** | | **Name is changed in the account management page** | **PASS** |  |  |
| **19.2** | **User tries to change the username by inputting the same current user name** | **UsernameOld: “studnet1”**  **UsernameNew: “studnet1”** | | **Error Message notifying the user that the entered user name is the same as the old one** | **PASS** |  | **Fixed v1.1** |
| **19.3** | **User changes the username with a new user name that is too short (less than 4 characters)** | **UsernameOld: “studnet1”**  **UsernameNew: “s1”** | | **Error message notifying the user that the username is too short** | **PASS** |  |  |
| **19.4** | **Change current email with a new valid email** | **OldEmail: s1@gmail.com**  **NewEmails:s2@gmail.com** | | **New email appears on the user account information** | **PASS** |  |  |
| **19.5** | **Change current email with one that has invalid format** | New Email: s123 | | **Error message appears asking the user to input a valid email address.** | **FAIL** | **2** | Fixed for V1.2 |
| **19.6** | **Change Password by entering the correct current password and new password with 8-16 characters and retype the new password correctly** | oldPassword:”a1b2c34d”  NewPasword: "123abc—" | | **Password is changed** | **PASS** |  |  |
| **19.7** | **Change Password by inputting the same current password as the new one** | oldPassword:”a1b2c34d”  NewPasword: a1b2c34d " | | **Error message appears notifying user to enter a new password** | **PASS** |  |  |
| **19.8** | **Change password by entering the correct current one , entering a valid new one but mismatch in retyping the new one** | oldPassword:”a1b2c34d”  Retype: 1249gjt  NewPasword: a1b2c5jug : | | **Error message notifying the user that the passwords do not match** | **PASS** |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **UC23** |  | | **Add Course to Program (Administrator)** | | | | |
| **ID** | **Description** | **Input** | | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **23.1** | **Add a new course to list of courses offered** | **Soen549** | | **Course is added to the list of courses displayed** | **PASS** |  |  |
| **23.2** | **Add a course that already exists in the list of courses** | **Soen341** | | **Error message appears and**  **Course List is not changed** | **PASS** |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **UC24** |  | | **Edit Course (administrator)** | | | | |
| **ID** | **Description** | **Input** | | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **24.1** | **Edit Course Description** |  | | **Course description is changed** | **PASS** |  |  |
| **24.2** | **Edit Course Prerequisites** |  | | **Course prerequisites changes** | **PASS** |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **UC26** |  | | **Add Section (administrator)** | | | | |
| **ID** | **Description** | **Input** | | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **26.1** | **Create new section with valid inputs** | **Name:UI, Location: H-563 Day:MW Time:16:15-17:30,Course Name:SOEN341, Semester: W2016** | | **New Section is added to the list of sections of the required course** | **PASS** |  |  |
| **26.2** | **Create Section without inputting all the data** | **H-563 Day:MW** | | **Error message appears notifying the user to complete the data required** | **PASS** |  |  |
| **26.3** | **Add Section with existing section name** | **Name SOeEN341** | | **Error Message appears notifying the admin that section already exists** | **PASS** |  |  |
| **26.4** | **Add section with the same date, time and location of an existing section** | **Name:UF, Location: H-563 Day:MW Time:16:15-17:30,Course Name:SOEN341, Semester: W2016** | | **Error Message appears to notify admin that the section cannot be created** | **PASS** |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **UC25** |  | | **Delete Course (administrator)** | | | | |
| **ID** | **Description** | **Input** | | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **25.1** | **Delete an existing course from course list** |  | | **Course is removed from the course list** | **PASS** |  |  |
| **25.2** | **Delete a course with ID not in the list** |  | | **Error message appears and**  **Course List is not changed** | **PASS** |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **UC27** |  | | **Edit Section (administrator)** | | | | |
| **ID** | **Description** |  | | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **27.1** | **Edit the time of an existing section  (ex: SOEN 341, Time:18:00-19:00)** | **Time 15:00-17:00** | | **Section time is changed; new time appears in the section information** | **FAIL** | **6** | **fixed for v1.2** |
| **27.2** | **Edit the location of an existing section** | **H -511** | | **Section location is changed; new location appears in the section information** | **FAIL** | **6** | **fixed for v1.2** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **UC 28** |  | | **Delete Section (administrator)** | | | | |
| **ID** | **Description** | **Input** | | **Expected Output** | **Result** | **Bug ID** | **Comments** |
| **28.1** | **Delete an existing section from the list of sections of a course** |  | | **Section is removed from the list** | **PASS** |  | **Fixed v1.1** |