| **class name:** StudioManagerController  **method signature:**  public void register() {} | | | | |
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| **Test Case #** | **Requirement** | **Test Description and Input Data** | **Expected result/output** |
| 1 | If no data is given in the first name and/or last name textboxes, should prompt the user to input data into those fields. | On the registration tab, the date picker will have the selected date 6/11/1998, the home studio choice box will have Bridgewater selected and the textboxes will be left blank.  Register button is then pressed. | The text area below will print: “Please enter a first and last name.” |
| 2 | If no date is selected, should prompt the user to select one from the date picker. | On the registration tab, first name and last name will be filled with “John” “Doe” respectively, the home studio choice box will have Edison selected and the date picker will be left untouched.  Register button is then pressed. | The text area below will print: “Please enter a date of birth.” |
| 3 | If no home studio is selected, prompt the user to select one from the home studio choice box. | On the registration tab, first name and last name will be filled with “Jamie” “Smith” respectively, the date picker will have the selected date 7/11/2000, and the home studio choice box will be left untouched.  Register button is then pressed. | The text area below will print: “Please select a Home Studio.” |
| 4 | If the year on the dob given is before 1900, reject the profile and print an error message to the text area. | On the registration tab, first name and last name will be filled with “Gil” “B” respectively, the date picker will have the selected date 7/11/1899, and the home studio will have Edison selected.  Register button is then pressed. | The text area below will print “7/11/1899 is not a valid DOB.” |
| 5 | If the member is under the age of 18, reject the registration and inform the user they can not register. | On the registration tab, first name and last name will be filled with “Peter” “Bazett” respectively, the date picker will have the selected date 7/11/2015, and the home studio will have Edison selected.  Register button is then pressed. | The text area below will print “DOB 7/11/2015: must be 18 or older to join!” |
| 6 | Depending on the membership button selected, the corresponding membership type should be given to the user. | On the registration tab, first name and last name will be filled with “Kim” “Wexler” respectively, the date picker will have the selected date 7/22/1997, the home studio will have Edison selected, and the Family radio button will be selected.  Register button is then pressed. | The text area below will print “Successfully Registered:  Kim:Wexler 7/22/1997, Membership expires 6/8/2024 Home Studio: EDISON, 08837, MIDDLESEX (Family) guest-pass remaining: 1” |

| **class name:** StudioManagerController  **method signature:**  public void remove() {} | | | | |
| --- | --- | --- | --- | --- |
| **Test Case #** | **Requirement** | | **Test Description and Input Data** | **Expected result/output** |
| 1 | If a member is not in the member’s list, they should not be removed and the user should be prompted that they were not in the system. | | On the registration tab, first name and last name will be filled with “Jimmy” “McGil” respectively, the date picker will have the selected date 4/22/1998, the home studio will have Edison selected, and the Family radio button will be selected.  Remove button is then pressed. | The text area below will print “Jimmy:McGil 4/22/1998 is not registered as a member.” |
| 2 | If a member is in the member list/database they should be able to be removed upon request as well as being removed from any classes they have registered for. | | On the registration tab, first name and last name will be filled with “Danny” “H” respectively, the date picker will have the selected date 3/9/2006, the home studio will have Edison selected, and the Family radio button will be selected.  Register button is then pressed.  On the attendance tab Jennifer, Pilates 9:30 at Bridgewater is selected.  Attend button is then pressed.  On the registration tab, the remove button is then pressed. | The text area will print “Danny:H 3/9/2006 unregistered as a member.”  On the Schedule Tab when selecting Jennifer, Pilates 9:30 at Bridgewater and pressing the Members button, the text area will print “PILATES - JENNIFER, 9:30, BRIDGEWATER has no attendees.” |

| **class name:** StudioManagerController  **method signature:**  public void check() {} | | | | |
| --- | --- | --- | --- | --- |
| **Test Case #** | **Requirement** | | **Test Description and Input Data** | **Expected result/output** |
| 1 | The method will display that the inputted profile is a member that is registered in the system  . | | - In the registration tab, a Member is registered using fname,lname,dob “Mark, Jeff, 3/9/2006” with a family membership at Franklin home studio.  - Click on check | Text area will print:  “Membership Status:  Mark:Jeff 3/9/2006, Membership expires 6/9/2024 Home Studio: PISCATAWAY, 08854, MIDDLESEX (Family) guest-pass remaining: 1 |
| 2 | The method will display that a inputted profile is not registered is not a member in the system | | In the registration tab, remove the preloaded member “John Doe, 1/20/2004” using the remove button  - Click on check | Text area will print:  “John:doe1/20/2004 is not registered as a member.” |

| **class name:** StudioManagerController  **method signature:**  public void attend() {} | | | | |
| --- | --- | --- | --- | --- |
| **Test Case #** | **Requirement** | | **Test Description and Input Data** | **Expected result/output** |
| 1 | The method won’t allow profiles that are not registered as members to be added to a class. It displays to the user that a member is not registered | | - Input “Ryan Smith, 01/24/1999” in the attendance tab.  - Click on attend | Text area will print:  “Ryan:Smith1/24/1999  is not registered as a member.” |
| 2 | The method will allow members to attend classes based on their membership types. It will display to the user if attendance was successful | | - In Attendance tab, Add preloaded member “Duke, Ellington, 2/29/2000” to a fitness class in Franklin.  - Click on Attend | Text area will print:  “Duke:Ellington 2/29/2000 attending SPINNING - KIM, 14:00, FRANKLIN” |
| 3 | The method will update the GUI members table view to reflect the amount of classes a member or their guest are attending. | | - In Attendance tab, Add preloaded member “Duke, Ellington, 2/29/2000” to **two** fitness class in Franklin.  - Click on Attend | In the members tab, Duke Ellington’s membership column will now display:  (Basic) number of classes attended: 2 |
| 4 | The method will not allow basic members to attend a fitness class outside of their home studio. | | - In attendance tab,  Input member profile “Roy Brooks 9/9/1977”  - Select Denise’s Spinning class at BridgeWater  - Click on attend | Text area will print:  “Roy Brooks is attending a class at BRIDGEWATER - [BASIC] home studio at SOMERVILLE. Could not add to class” |

| **class name:** StudioManagerController  **method signature:**  public void drop() {} | | | | |
| --- | --- | --- | --- | --- |
| **Test Case #** | **Requirement** | | **Test Description and Input Data** | **Expected result/output** |
| 1 | The method will remove a member or their guest from a fitness class they are registered for. It will display to the user if dropping was successful. | | - In attendance tab add preloaded member “April March 3/31/1990” to Emma’s Spinning class in Franklin.  - Click on drop. | Text area will display:  Mary:Lindsey 12/1/1989 removed from SPINNING - EMMA, 9:30, FRANKLIN. |
| 2 | The method won’t allow members to be removed from classes that they are not registered for. | | - In attendance tab  Input member profile information “Bill, Scanlan 5/1/1999”  - Select Emma’s Pilates class in Edison - Click on drop. | Text area will display:  John:Doe 1/20/2003 is not attending PILATES - EMMA, 14:00, EDISON. |

| **class name:** StudioManagerController  **method signature:**  public void displayClassMemberList() {} | | | | |
| --- | --- | --- | --- | --- |
| **Test Case #** | **Requirement** | | **Test Description and Input Data** | **Expected result/output** |
| 1 | The method will set the tableview to display the members in attendance to a specific class. | | - In attendance tab add April March 3/31/1990 to Kim’s Cardio class in Piscataway.  - In Schedule tab, select Cardio-Kim,18:30, Piscataway from choice box  - Click member button | - The table view will now display April March and their membership information. |
| 2 | The method will clear the table view if a member drops a class | | - In the attendance tab, remove member April March from Kim’s cardio class in Piscataway.  - In schedule tab select Cardio-Kim, 1830, Piscataway from choice box | - The tableview will not display “No content in table” |