

Java class/method name being tested: GymManagerController.java

Test Case #	Requirement	Test description and Input Data	Expected result/ouput
1	First Name box or None of the boxes are filled in.	First name box is blank in Add/Remove Member or Check-In/Drop tabs	First Name can't be blank
2	Last Name box isn't filled in	Last name box is blank in Add/Remove Member or Check-In/Drop tabs	Last Name can't be blank
3	DOB box isn't filled in	DOB box is blank in Add/Remove Member or Check-In/Drop tabs	Date of Birth can't be blank
4	Location box isn't filled in	Location box is blank in Add/Remove Member or Check-In/Drop tabs	Location can't be blank
5	Membership button choice isn't selected.	Membership button is blank	Select a membership type
6	Instructor name box is unfilled.	Instructor name box is blank	Instructor Name can't be blank
7	Class Type box is unfilled.	Class Type box is blank	Class Type can't be blank
8	Everything in the Add/Remove Member boxes is filled in and selected.	All the boxes and buttons are chosen, and member is added into a system (i.e. Pppp pp 11/1/2002 with a Family Membership at Edison gym)	Pppp Pp added.
9	Member is already in member database.	Member is removed successfully from member database.	Pppp Pp removed.
10	Member is never in the database prior.	Member not added into the data base is tries to be removed from database. (i.e. ppp is not registered/added in database)	Ppp Pp is not in the database.
11	Fill in every other box (first name, last name, DOB, instructor name, class type, location of gym) except guest button.	Guest? Yes and no button is unchecked	Check if the member is a guest or not

12	Instructor name is incorrect or doesn't fit the list of instructor names.	Instructor name is incorrect or nonexistent (i.e. Jen instead of Jennifer)	Jen - instructor does not exist.
13	Nothing is inside Instructor name box.	Instructor name box is blank	Instructor Name can't be blank
14	Nothing is inside Class Type box.	Class Type box is blank.	Class Type can't be blank
15	Class type name doesn't exist within list or is incorrect.	Class type is wrongly in terms of association with instructor's name (i.e. Cardio with Jennifer at Bridgewater)	Cardio by Jennifer does not exist at Bridgewater
16	Location of the instructor's fitness class doesn't match their info in list.	Location is wrongly in terms of association with instructor's name (i.e. Pilates with Jennifer at Edison)	Pilates by Jennifer does not exist at Edison
17	Member should not be in database.	Member does not exist within database but wants to check in for fitness class.	Kayla Kam 11/1/2002 is not in the database.
18	Membership with Family or Premium.	Member's guest tries to check in a fitness class at a different location from their member's home gym. (i.e. pp registered at Edison , guest tries to check in for pilates with Jennifer at Bridgewater)	Pp Pp Guest checking in BRIDGEWATER - guest location restriction.
19	Membership must be standard for a member.	Standard member tries to check in a fitness class in a different location from their home gym. (i.e. ppp is registered in Edison, but tries to check in a Bridgewater fitness class)	Ppp Pp checking in BRIDGEWATER - standard membership location restriction.
20	All info is correct and filled in. Guest choice should say no.	All boxes and check marks are filled in, member checks in a fitness class of their liking or according to their membership location.	Pppp Pp checked in Pilates, 9:30, BRIDGEWATER Pilates - JENNIFER, 9:30, BRIDGEWATER - Participants - Pppp Pp, DOB: 11/1/2002, Membership expires 2/7/2023, Location: EDISON, 08837, Middlesex, (Family) Guess-pass remaining: 1
21	All info is correct and filled in.	A member with a Family or Premium membership checks in	Pppp Pp (guest) checked in Pilates, 14:00, EDISON

	Guest choice should say yes.	a guest to a class of their home gym's location.	Pilates - DAVIS, 14:00, EDISON - Guests - Pppp Pp, DOB: 11/1/2002, Membership expires 2/7/2023, Location: EDISON, 08837, Middlesex, (Family) Guess-pass remaining: 0
22	Member should be added into database.	New member added into the database is displayed properly. (i.e. new member is ppp)	-list of members- John Doe, DOB: 1/20/2004, Membership expires 2/15/2023, Location: BRIDGEWATER, 08807, Somerset John Doe, DOB: 1/20/2003, Membership expires 3/30/2021, Location: BRIDGEWATER, 08807, Somerset Jane Doe, DOB: 5/1/1996, Membership expires 6/20/2023, Location: EDISON, 08837, Middlesex April March, DOB: 3/31/1990, Membership expires 12/30/2022, Location: PISCATAWAY, 08854, Middlesex Mary Lindsey, DOB: 12/1/1989, Membership expires 5/31/2023, Location: FRANKLIN, 08873, Somerset Duke Ellington, DOB: 2/29/2000, Membership expires 4/30/2023, Location: FRANKLIN, 08873, Somerset Roy Brooks, DOB: 8/8/1977, Membership expires 9/30/2020, Location: SOMERVILLE, 08876, Somerset Roy Brooks, DOB: 9/9/1977, Membership expires 10/30/2022, Location: SOMERVILLE, 08876, Somerset Kate Lindsey, DOB: 7/15/1977, Membership expires 8/31/2023, Location: SOMERVILLE, 08876, Somerset Carl Brown, DOB: 10/7/1991, Membership expires 3/31/2023, Location: PISCATAWAY, 08854, Middlesex Paul Siegel, DOB: 5/1/1999, Membership expires 1/31/2022, Location: EDISON, 08837, Middlesex Bill Scanlan, DOB: 5/1/1999, Membership expires 1/31/2023, Location: EDISON, 08837, Middlesex Ppp Pp, DOB: 11/1/2002, Membership expires 2/7/2023, Location: EDISON, 08837, Middlesex -end of list-

23	Member should be added into database.	The load members button is clicked on.	<p>-list of members loaded-</p> <p>John Doe, DOB: 1/20/2004, Membership expires 2/15/2023, Location: BRIDGEWATER, 08807, Somerset</p> <p>John Doe, DOB: 1/20/2003, Membership expires 3/30/2021, Location: BRIDGEWATER, 08807, Somerset</p> <p>Jane Doe, DOB: 5/1/1996, Membership expires 6/20/2023, Location: EDISON, 08837, Middlesex</p> <p>April March, DOB: 3/31/1990, Membership expires 12/30/2022, Location: PISCATAWAY, 08854, Middlesex</p> <p>Mary Lindsey, DOB: 12/1/1989, Membership expires 5/31/2023, Location: FRANKLIN, 08873, Somerset</p> <p>Duke Ellington, DOB: 2/29/2000, Membership expires 4/30/2023, Location: FRANKLIN, 08873, Somerset</p> <p>Roy Brooks, DOB: 8/8/1977, Membership expires 9/30/2020, Location: SOMERVILLE, 08876, Somerset</p> <p>Roy Brooks, DOB: 9/9/1977, Membership expires 10/30/2022, Location: SOMERVILLE, 08876, Somerset</p> <p>Kate Lindsey, DOB: 7/15/1977, Membership expires 8/31/2023, Location: SOMERVILLE, 08876, Somerset</p> <p>Carl Brown, DOB: 10/7/1991, Membership expires 3/31/2023, Location: PISCATAWAY, 08854, Middlesex</p> <p>Paul Siegel, DOB: 5/1/1999, Membership expires 1/31/2022, Location: EDISON, 08837, Middlesex</p> <p>Bill Scanlan, DOB: 5/1/1999, Membership expires 1/31/2023, Location: EDISON, 08837, Middlesex</p> <p>-end of list-</p>
24	Load Fitness Class button should be pressed.	The Load Fitness Classes button is pressed on.	<p>-Fitness classes-</p> <p>Pilates - JENNIFER, 9:30, BRIDGEWATER</p> <p>Spinning - JENNIFER, 14:00, PISCATAWAY</p> <p>Cardio - JENNIFER, 14:00, SOMERVILLE</p> <p>Pilates - KIM, 9:30, FRANKLIN</p> <p>Spinning - KIM, 14:00, FRANKLIN</p> <p>Cardio - KIM, 14:00, PISCATAWAY</p> <p>Pilates - DAVIS, 9:30, PISCATAWAY</p>

			<p>Pilates - DAVIS, 14:00, EDISON</p> <p>Cardio - DAVIS, 14:00, BRIDGEWATER</p> <p>Spinning - DENISE, 9:30, BRIDGEWATER</p> <p>Cardio - DENISE, 14:00, SOMERVILLE</p> <p>Spinning - DENISE, 14:00, EDISON</p> <p>Spinning - EMMA, 9:30, FRANKLIN</p> <p>Pilates - EMMA, 14:00, EDISON</p> <p>Cardio - EMMA, 14:00, EDISON</p> <p>-end of list-</p>
25	Display Class button is pressed on and members should be registered in the class. Guests are included.	The Display Class button is pressed on (with participants and guests inside)	<p>-Fitness classes-</p> <p>Pilates - JENNIFER, 9:30, BRIDGEWATER</p> <p>Spinning - JENNIFER, 14:00, PISCATAWAY</p> <p>Cardio - JENNIFER, 14:00, SOMERVILLE</p> <p>Pilates - KIM, 9:30, FRANKLIN</p> <p>Spinning - KIM, 14:00, FRANKLIN</p> <p>Cardio - KIM, 14:00, PISCATAWAY</p> <p>Pilates - DAVIS, 9:30, PISCATAWAY</p> <p>Pilates - DAVIS, 14:00, EDISON</p> <p>- Participants -</p> <p>Ppp Pp, DOB: 11/1/2002, Membership expires 2/7/2023, Location: EDISON, 08837, Middlesex</p> <p>- Guests -</p> <p>Pppp Pp, DOB: 11/1/2002, Membership expires 2/7/2023, Location: EDISON, 08837, Middlesex, (Family) Guess-pass remaining: 0</p> <p>Cardio - DAVIS, 14:00, BRIDGEWATER</p> <p>Spinning - DENISE, 9:30, BRIDGEWATER</p> <p>Cardio - DENISE, 14:00, SOMERVILLE</p> <p>Spinning - DENISE, 14:00, EDISON</p> <p>Spinning - EMMA, 9:30, FRANKLIN</p> <p>Pilates - EMMA, 14:00, EDISON</p> <p>Cardio - EMMA, 14:00, EDISON</p> <p>-end of list-</p>
26	New or no members should be added within the database.	Display Members by Name button is pressed	<p>-list of members sorted by last name, and first name-</p> <p>Roy Brooks, DOB: 8/8/1977, Membership expires 9/30/2020, Location: SOMERVILLE, 08876, Somerset</p> <p>Roy Brooks, DOB: 9/9/1977, Membership expires 10/30/2022, Location: SOMERVILLE, 08876, Somerset</p> <p>Carl Brown, DOB: 10/7/1991, Membership expires 3/31/2023, Location: PISCATAWAY, 08854, Middlesex</p> <p>Jane Doe, DOB: 5/1/1996, Membership expires 6/20/2023, Location: EDISON, 08837, Middlesex</p>

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27	New or no members should be added within the database.	Display Members by Expiration button is pressed	<p>-list of members sorted by membership expiration date-</p> <p>Roy Brooks, DOB: 8/8/1977, Membership expires 9/30/2020, Location: SOMERVILLE, 08876, Somerset</p> <p>John Doe, DOB: 1/20/2003, Membership expires 3/30/2021, Location: BRIDGEWATER, 08807, Somerset</p> <p>Paul Siegel, DOB: 5/1/1999, Membership expires 1/31/2022, Location: EDISON, 08837, Middlesex</p> <p>Roy Brooks, DOB: 9/9/1977, Membership expires 10/30/2022, Location: SOMERVILLE, 08876, Somerset</p> <p>April March, DOB: 3/31/1990, Membership expires 12/30/2022, Location: PISCATAWAY, 08854, Middlesex</p>

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28	New or no members should be added within the database.	Display Members by County button is pressed	<p>-list of members sorted by county and zipcode-</p> <p>Ppp Pp, DOB: 11/1/2002, Membership expires 2/7/2023, Location: EDISON, 08837, Middlesex</p> <p>Pppp Pp, DOB: 11/1/2002, Membership expires 2/7/2023, Location: EDISON, 08837, Middlesex, (Family) Guess-pass remaining: 0</p> <p>Paul Siegel, DOB: 5/1/1999, Membership expires 1/31/2022, Location: EDISON, 08837, Middlesex</p> <p>Bill Scanlan, DOB: 5/1/1999, Membership expires 1/31/2023, Location: EDISON, 08837, Middlesex</p> <p>Jane Doe, DOB: 5/1/1996, Membership expires 6/20/2023, Location: EDISON, 08837, Middlesex</p> <p>Carl Brown, DOB: 10/7/1991, Membership expires 3/31/2023, Location: PISCATAWAY, 08854, Middlesex</p>

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29	New or no members should be added within the database.	Display Members with Fees button is pressed	<p>-list of members with membership fees-</p> <p>Ppp Pp, DOB: 11/1/2002, Membership expires 2/7/2023, Location: EDISON, 08837, Middlesex, Membership fee: \$149.96</p> <p>Pppp Pp, DOB: 11/1/2002, Membership expires 2/7/2023, Location: EDISON, 08837, Middlesex, (Family) Guess-pass remaining: 0, Membership fee: \$209.96</p> <p>Paul Siegel, DOB: 5/1/1999, Membership expires 1/31/2022, Location: EDISON, 08837, Middlesex, Membership fee: \$149.96</p> <p>Bill Scanlan, DOB: 5/1/1999, Membership expires 1/31/2023, Location: EDISON, 08837, Middlesex, Membership fee: \$149.96</p> <p>Jane Doe, DOB: 5/1/1996, Membership expires 6/20/2023, Location: EDISON, 08837, Middlesex, Membership fee: \$149.96</p> <p>Carl Brown, DOB: 10/7/1991, Membership expires 3/31/2023, Location: PISCATAWAY, 08854, Middlesex, Membership fee: \$149.96</p> <p>April March, DOB: 3/31/1990, Membership expires 12/30/2022, Location: PISCATAWAY, 08854, Middlesex, Membership fee: \$149.96</p>

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