

#### Manual Story Testing

- I don't know what happened to the inventory
  - Was supposed to be in Iteration 1, I assumed it got delayed and then was never added in iteration 2.
- BMI doesn't update automatically, or at least I can't find how to calculate it
  - Again, this was supposed to be in iteration 1, and still doesn't exist in iteration 2
- When logged in as a member, in the 'class schedule' tab you can see all the other classes taken by other members and modify THEIR coach. Not sure if seeing who else is taking what course is a bug, but I don't think User A should be allowed to change the coach for User B.
  - Actually, I don't even know if the members should be allowed to change who their coach is
  - This one seems like an actual issue.
- I can 'buy' a course even if there is not enough money in my account.
- Courses can have negative cost
  - I mean that could be a real thing but I don't know.
- The renovate buttons should be called refresh
  - When signed in as a member in 'class schedule' tab
  - I mean it's pretty nitpicky but I also didn't know what it did
- When signed in as a coach, I cannot figure out what the 'work info' tab does.
  - The refresh/renovate button doesn't do anything, even when the coach should have a class to instruct.

#### Static Analysis

In bean.Member.java in the Member constructor with the parameters, the variable 'Fund' should probably be lower case like 'this.fund'. Right now it looks like Fund is a class.

In bean.Schedule.java the public constructor that takes no parameters doesn't seem to be used anywhere. Recommend removing it.

- Same for all of the other classes under the bean package

In view.baseview.KeyFrame.java on line 21, I would discourage the use of magic numbers.

- Same goes for in view.keyframe.GymManagerFrame.java in lines 100 and lines 109

In various classes in the view package, variable naming should be more descriptive. Naming variables "jtf1", "jtf2", "jtf3", "jtf4", etc. This substantially hurts maintainability as it doesn't tell the developer any information about the variable. More evident as there are comments in the initFrame() method (in AddMemberFrame.java) which describe which each variable is.

In various classes in the view package, all the JPanel.add calls are written line by line. It would make more sense to store the components in an array and use a for loop to add them to the JPanel.

In WorkPanel.java in the renovateAction(String account) method. The typing Object[][] is extremely dangerous as the return type can be anything, this defeats the advantages of object types. I suggest changing the return type of getWorkArrayListByName() to something more defined.