**NOTE: at the time of demo 3 there is a bug with movies that have an “&” symbol in the title that causes unexpected behavior with a few different features on the app. AVOID any and all interactions with those movies for all of these test cases. We will be addressing the bug for the final demo.**

**NOTE: before you begin these tests make sure the non-admin users you are going to sign in as have no currently rented out movies (the “Date Returned” fields for all movies in your my rentals page should NOT be null). if there are no movies in the my rentals page then you should also be good**

**Rewards Points and Rent Cap System:**

1. Login as user “tests”
2. Navigate to wallet page
3. Verify that there is a rewards points currency right next to the balance column and verify that it is currently 0
4. Navigate to the movie search page
5. Search for any movie
6. Add any movie to cart
7. Navigate to the cart page
8. At the bottom of the page click “Checkout with Money”
9. Navigate to the wallet page
10. Verify that you now have 2 rewards points (non-premium members get 2 points per movie rent)
11. Navigate to the movie search page
12. Search for any different movie
13. Add any 3 different movies to your cart
14. Navigate to the cart page
15. At the bottom of the page click “Checkout with Money”
16. Verify that the transactions doe NOT go through (this is because you are currently a non-premium member which should only be allowed to have 3 movies rented out at a time)
17. Navigate to the my rentals page
18. Click return on the movie you have rented out
19. Verify that the “Date Returned” is updated to today’s date (may need to reload the page to reflect changes)
20. Navigate back to the cart
21. Click Checkout with Money
22. Verify that the transaction goes through
23. Click return on all the movies that are currently rented out (may need to reload the page to reflect changes)
24. Navigate to the wallet page
25. Verify that you now have 8 rewards points
26. Navigate to the movie search page
27. Search for any new movie
28. Add any single new movie to your cart
29. Navigate to the cart page
30. Click “Checkout with Rewards Points”
31. Verify that the transaction does NOT got through (you need 10 points to rent 1 movie this step is to ensure the user is unable to rent a movie with insufficient points)
32. Click “Checkout with Money”
33. Navigate to the movie search page
34. Search for any new movie
35. Add any single new movie to your cart
36. Navigate to the cart page
37. Click on “Checkout with Rewards Points”
38. Verify that the transaction goes through
39. Navigate to the wallet page
40. Verify that you now have 2 rewards points (it costs 10 points to rent 1 movie and you get 2 rewards points per movie rent)

**Premium Members System:**

1. Login as user "tests”
2. Navigate to the wallet page
3. Add $200.00 (this just to ensure you don’t run out of funds in the middle of testing)
4. Navigate to the movie search page
5. Search for any movie
6. Add any 4 different movies to your cart
7. Navigate to the cart page
8. Click checkout with money at the bottom of the page
9. Verify that the transaction does NOT go through (non-premium members should only be able to have 3 movies rented out a one time)
10. Navigate to the wallet page
11. Take note of amount of rewards points you have and the balance amount
12. Navigate to the “Premium Status” page
13. Verify that your premium status says “false”
14. Click “Upgrade to Premium”
15. Verify that the premium status now says true (you may need to reload the page to see the change)
16. Logout (you must logout and login again for the premium benefits to take place in your account)
17. Login as the same user
18. Navigate to wallet page
19. Verify that your new balance is *previous balance value you noted* - 50
20. Navigate to the cart page
21. Verify that the shipping cost is now FREE (premium members get free “shipping”)
22. Click checkout with money
23. Verify that the transaction went through (premium members get unlimited movie rents at one time) and
24. Verify that the “Date Due” is set for 2 months after “Date Rented” instead of 1 (premium members get extended renting periods).
25. Navigate to the wallet page verify that your rewards points is now equal to *previous rewards points value you noted*  + 20 (premium members get bonus rewards points, 5 per movie instead of the standard 2)

**Additions to Movie Details Page**

1. Login as user "tests”
2. Navigate to movie search page
3. Search for “iron man”
4. Scroll down and click on the movie image for “The Invincible Iron Man”
5. Verify that there is a “Genres” category listing all of the genres the movie fits into
6. Verify that there is a “Collection” field on the list and verify that it says “None”
7. Go back to the “Search Results” page
8. Find and click on the movie image for “Iron Man 2”
9. Verify that there is a button called “Iron Man Collection” near the bottom of the page
10. Click on the small blue outlined button next to “Iron Man Collection”
11. Verify that you are brought to a page that lists all the sequels and prequels of “Iron Man 2” including “Iron Man 2” (should be Iron Man, Iron Man 2, and Iron Man 3)

**Friends System:**

1. Login as user “tests”
2. Navigate to “Friends” page
3. Enter an account name that isn’t registered with the website and click “Send Friend Request” (just type random characters if you want like “gfasdfgsdfg”)
4. Verify that the app does not let you send the request and gives you the error message “User does not exist!”
5. Enter your own username and send a friend request
6. Verify that the app does not let you send the request and gives you the error message “Cannot add yourself!”
7. Enter the user “script” and send a friend request
8. Logout
9. Login as the user “script”
10. Navigate to the friends page
11. Click on “View Friend Requests”
12. Verify that you received the friend request from “tests”
13. Click “Accept”
14. Click “Back to Friends”
15. Verify that your friends list is updated with "tests” as your friend
16. Logout
17. Login as "tests”
18. Navigate to the friends page
19. Verify that your friends list is updated "script” as your friend
20. Navigate to movie search page
21. Search for any movie
22. Click on any movie image
23. At the bottom of the screen click the box below “Recommend to Friend”
24. Click on the friend "script”
25. Click “Send Friend Recommendation”
26. Logout
27. Login as "script”
28. Navigate to the Friends page
29. Click on “View Recommendations”
30. Verify that the movie that was recommended to this account is present and was sent by "tests”
31. Click on the movie image
32. Click Add to cart
33. Navigate to cart page
34. Verify that the movie you just added to cart is on the page
35. Remove the movie from you cart
36. Navigate to the friends page
37. Click “Remove” next to “tests”
38. Verify that your friends list updated and no longer has “tests”
39. Logout
40. Login as “tests”
41. Navigate to the friends page
42. Verify that the friends list no longer shows "script”