CHECKLIST OF BBM104 SPRING 2022 PROJECT ASSIGNMENT 4

Test Cases

- Open the initial contents of the "backup.dat" and slide the text to show all its content, neither too slow, nor too fast. Contents of the assets folder must be same as the one provided at Piazza, you can add your contents to assets folder for sure (the things that you submit with your homework, please be sure that the one that you used during demo is the same as the one that you submitted)
This functionality works like a charm.

- Open the terminal at your main folder (the folder that your code needs to be compiled and run)
This functionality works like a charm.

- Run the following commands:
    - ls -lR (Must show contents of your assets folder, if not then try to show contents of your assets folder by yourself)

    - javac -version (must be resulted same as "javac 1.8.0_xxx")

    - java -version (must be resulted same as "java version "1.8.0_xxx"")
This functionality works like a charm.

- Compile your code and then run it.
This functionality works like a charm.

- Show that your system opens without any crash. Your system must also read the contents of the assets folder by itself.
This functionality works like a charm.

- Try to login and logout as four of the following: an admin but not a club-member, a club-member but not an admin, an admin who is also club-member, a user that is neither admin nor club member. (If your system can read backup properly, then login as the users at "backup.dat")
This functionality works like a charm.

- Try to do erroneous login and show the errors and ban condition, note that you must prove that your ban counter does not get reset until a user can successfully login (or the counter finishes after amount of erroneous trials), so, for example, do two erroneous logins, and go to the signup page, and return without doing anything, and try three more times to get banned, then show how does your system carries out this erroneous situation.
This functionality works like a charm.

- Create a new user [1].
This functionality works like a charm.

- Promote the last user (1), that you created, as admin and club member by an admin's page.
This functionality works like a charm.

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- Demote another person from being admin and another one from being club-member. Note that the user that you demoted must be different than the user namely admin. This functionality works like a charm.
  This functionality works like a charm.
- Login as the last user (1), that you created, and then log out.
  This functionality works like a charm.
- Open the system as a regular user (neither club-member, nor admin), show the films dropdown list, and select one of the films, then click OK.
  This functionality works like a charm.
- Play trailer for a while.
  This functionality works like a charm.
- Skip forward for five times and skip back for two times, rewind the video, change the volume (set it to zero and then set it to something else than zero).
  This functionality works like a charm.
- Pause the trailer, and then play it for a while, and then pause again and do the previous bullet point again.
  This functionality works like a charm.
- Play the trailer, skip back till there is no more frame to skip back (press two-three times to skip back even though there is no frame), then repeat this operation for skipping forward till there is no frame to skip forward.
  This functionality works like a charm.
- Show the halls dropdown list, select a hall (2), and click OK to enter that hall. Be sure about that this window contains three types of seats: not sold yet, sold for another person, sold for current user. Then try the followings.
  This functionality works like a charm.
- Refund a seat that has been bought by current user previously.
  This functionality works like a charm.
- Try to refund a seat that has not been bought by current user.
  This functionality works like a charm.
- Buy another seat and refund it, do this operation two times.
  This functionality works like a charm.
- Log out and log in as a club-member which is not an admin, then go to the previous hall (2), then do the same seat operations for that club member too (be sure about that hall contains those three types of the seats for this user too), the seat that you buy and refund two times has to be the same seat as you tried to do this operations two times as previous user.
  This functionality works like a charm.
- Log out and log in as an admin who is also a club-member. Do the same operations that you have done as club-member for admin, (be sure about that hall contains those three types of the seats for this user too) but note that you must buy the seats for current user, so please select the current user from the dropdown list at the hall.
  This functionality works like a charm.
- Close the program and show the contents of the "backup.dat" as you did at the beginning.
  This functionality works like a charm.

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- Open the program and login as admin account who is also a club member.
  This functionality works like a charm.
- Open edit users page and go back.
  This functionality works like a charm.
- Select remove film and remove a film, note that it must be a movie that you did not enter during your demo yet.
  This functionality works like a charm.
- Add that movie again, with the same trailer, same name, and same duration, you do not need to add the halls of it again. Then remove that film again.
  This functionality works like a charm.
- Close the system from the red cross immediately and open the program and login as the same admin again. Add that movie again in the same way as you did before.
  This functionality works like a charm.
- Enter the movie that you created and try to enter empty hall (as there is no hall for that movie).
  This functionality works like a charm.
- Play trailer of that movie and click to back button without clicking to pause button.
  This functionality works like a charm.
- Enter a film that you did not enter during your demo video yet. Enter a hall and buy a seat (from admin's account) for a regular user, a club member, an admin, and both admin and club member. Buy some more seats for some other users and refund it, then buy and refund a seat twice for a user.
  This functionality works like a charm.
- Demote the club member that you bought a seat for him/her and logout, then login as the user that you currently logged out (the account that you buy seats from), then slide your mouse to the seat that you bought for him/her.
  This functionality works like a charm.
- Remove all halls of a film and try to enter to hall while nothing is selected.
  This functionality works like a charm.
- Add a hall to that film, then enter that hall, buy some seats, refund some.
  This functionality works like a charm.
- Remove all films and try to enter a film while nothing is selected.
  This functionality works like a charm.
- Close the system and show the contents of the "backup.dat", open the program again and show that there are no movies.
  This functionality works like a charm.
- Moreover, please narrate the critical parts of your code (design) and critical parts of your report, please do not narrate all of them, just narrate them for one or two minutes as it is just for understanding the code and report by your own perspective.
  This functionality works like a charm.

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