**Video Rental Project Phase 3:**

Testing Notes

One of the biggest things we have learned is to be on task with the work that has been assigned to each one of us. And I think our team leader did a really good job dividing the jobs among team members, and keeping the update on “Zoho” so we get to see our deadlines for each phase and observe each other’s progress.

Another thing I have learned is to get organized with all the files. Whenever I get the updated version of the files from my team members, I always accidently work on the old files and end up not compiling properly. And I did not want to delete the old files because it is safe to keep a backup of it.

Programming Problems Encountered

1. Merging classes

The early version of searching, sorting and deleting classes works perfectly fine when I tried on my LTS. However, when I tried to merge those classes with the main class we have, many errors came up. For example, some of my classes are named different compare to the ones that already existed.

Solution: With the help of my team member who is more familiar with the main class and all, it finally merged together with all the classes

1. Sort and list in one step

In comparison to the LTS project we had done, my group had decided to remove many things from the menu bar such as the option of list. So basically we wanted to be when you click “sort”, it will automatically display the sorted 2 dimensional arrays instead of clicking “list”. And I had trouble figuring out how to work that out.

Solution: With the help of my team member, who is more familiar with the 2 dimensional arrays. The sorted list is displayed when you click “sort” and it was successfully combined with the graphic part.

1. Deleting a specific data

Since our project is on movie rental, which means we will be having record of the same customer renting out multiple movies. And when they return only one of them, we only want that specific one to be deleted instead of deleting everything under that customer’s name. I had trouble trying it out and didn’t really have a clear image in my head.

Solution: With the help of my team member, now the program asks for the customer’s name and the movie they want to return, that way it will only delete that specific data from the record.

1. Final class diagram

Since we had more than 100 files when we completed our project, and I was not familiar with every single class they had been created. So I had a bit of problem understand what does each class does and how they are related to each other.

Solution: I read through all the classes and came up with a rough class diagram, and then I asked my team member to go through it for me and check whether there are any mistakes.