University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: 3

Date: March 7th, 2023

Group Number: 15

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Sean Quan	43496900	r9v5y	seanpquan@gmail.com
Tammy Goyal	50368463	n7a7f	sancriuse75@gmail.com
Yuhei Arimoto	36561967	k3n3c	yuhei61627@icloud.com

By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your email address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

1. Brief Summary

Our project is movie theater software. The customers will be able to buy tickets for movies at different theaters, and they will also be able to write reviews for movies and track what they buy at concession stands. The theater manager can manage which rooms show which movies at which times.

2. Timeline

1. Learn how to set up Oracle data base by attending tutorial [Mar 7]
   a. Tutorial notes:
      https://canvas.ubc.ca/courses/112179/assignments/1445436?module_item_id=5255264
2. Set up Oracle database - Sean, Yuhei [Mar 17]
3. Finishing one Java/SQL class tutorial for customer class- All [Mar 19]
4. Java and SQL code [Mar 26]
   a. Customer class - Sean
   b. Child class which extends Customer - Sean
   c. Senior class which extends Customer - Sean
   d. Review class - Yuhei
   e. Theater class - Yuhei
   f. Room class - Yuhei
   g. Movie class - Yuhei
   h. Shows relationship class - Yuhei
   i. MovieSchedule class - Yuhei
   j. Ticket class - Sean
   k. Concessionstand class - Tammy
   l. Foodstuff class - Tammy
   m. Offers relationship class - Tammy
   n. Eats relationship class - Tammy
2. Testing (done in parallel with Java code) - ALL [Mar 26]
3. GUI using Java Swing - Tammy, Yuhei, Sean
   a. decide on GUI layout/design using Figma [Mar 17] - Tammy
   b. LogIn Page [Mar 19] - Yuhei
   c. Customer side [Mar 26]
      i. Customer home page - All [Mar 21]
      ii. Create Account page - Sean
      iii. Account info + status page - Sean
      iv. Movie Booking Page - Sean
      v. Foodstuff Purchase page - Tammy
      vi. Movie review page - Tammy
   d. Owner side [Mar 26]

      i.   Movie Schedule page - Yuhei
      ii.   Manage concession stands & foodstuffs page - Tammy
     iii.   Rooms and theater manage page - Yuhei

4. Connecting back-end to GUI [March 31] - All
5. Any debugging, adjustment, and final review [Apr 4]
6. DONE [Apr 4]

Final deadline: April 5

3. Expected Challenges

- Figuring out how to use SQL with JDBC as it is the first time working with it for all of us
- Spending more time on creating GUI with Java Swing as there are many pages
- Login info, displaying different pages for different users is tough.

4. Issues to ask in TA meeting

- This is so much, is it all necessary? Seems too big of a project
- Do we need a login page with password for customer and owner, or can we assume we don't have to deal with this added complexity.