

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 100

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Hannah Jeong	14094205	e9x2b	hannahj5678@gmail.com
Aaron Cui	94952777	w4k5a	aaroncui17@gmail.com
Tony Wang	31550379	c9r7a	wangtony2003@gmail.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 e-mail 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

2. A brief project description answering these questions:
 - a. What is the domain of the application? Describe it.
 - The domain of the application is event management. We are specifically managing venues that hold concerts and orchestras.
 - b. What aspects of the domain are modeled by the database?
 - Our system will keep track of performances held at different venues. For each performance, we will keep track of performers, staff helping out for the show, and audience members. It will also allow audience members to purchase tickets for the performances they select.
3. Database specifications:
 - a. What functionality will the database provide?
 - The system we've developed is a comprehensive event management platform that efficiently handles many aspects of event coordination. It tracks and manages tickets and their associated attendees. It also schedules performances at a variety of venues. Performers are integrated into the system, making it easy for them to participate in shows, while managers are assigned to oversee the venues they are responsible for. This platform accommodates various performance types, including orchestras and concerts. Additionally, it streamlines the process of assigning videographers to capture these performances and facilitates the upload and management of video recordings.
4. Description of the application platform:
 - a. What database will your project use (department provided Oracle, MySQL, etc.)?
 - We will be using Oracle for our project database.
 - b. What is your expected application technology stack (i.e., what programming languages and libraries do you want to use)?
 - We will be using Java and Java Database Connectivity (JDBC) for the application technology stack.
5. An ER diagram for the database that your application will use. It is OK to hand-draw it but if it is illegible or messy or confusing, marks will be taken off. You can use software to draw your diagram.

