

**University of British Columbia, Vancouver**

Department of Computer Science

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# CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 67

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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

## **Project Description**

The application domain is based on the sport volleyball, and models the people and objects involved in the logistics and play of the sport. This domain is suitable for CPSC 304 as it is an original topic for the class and it is not similar to any of the blacklist topics.

## **Database Specification**

The database will be useful for volleyball teams, which includes volleyball players and coaches, to keep record of past games and to prepare for future games. It can be used by volleyball league organizers to coordinate matches between teams and matches to stadiums. Additionally, the league will be able to assign official referees to games making the database a central platform for volleyball leagues in various counties.

## **Application Platform**

The project will use JDBC and the technology stack will be Oracle and Java.

## ER Diagram:

ISA: Players ISA Libero, Setter etc

Weak entity: Set

(non-weak) Entities: Coach, Ref, Player, Team, League, Country, Stadium, Game

