

## CPSC 304

**Cover Page for Project Part \_\_1\_\_**

**Date: \_\_Feb 10th, 2022\_\_**

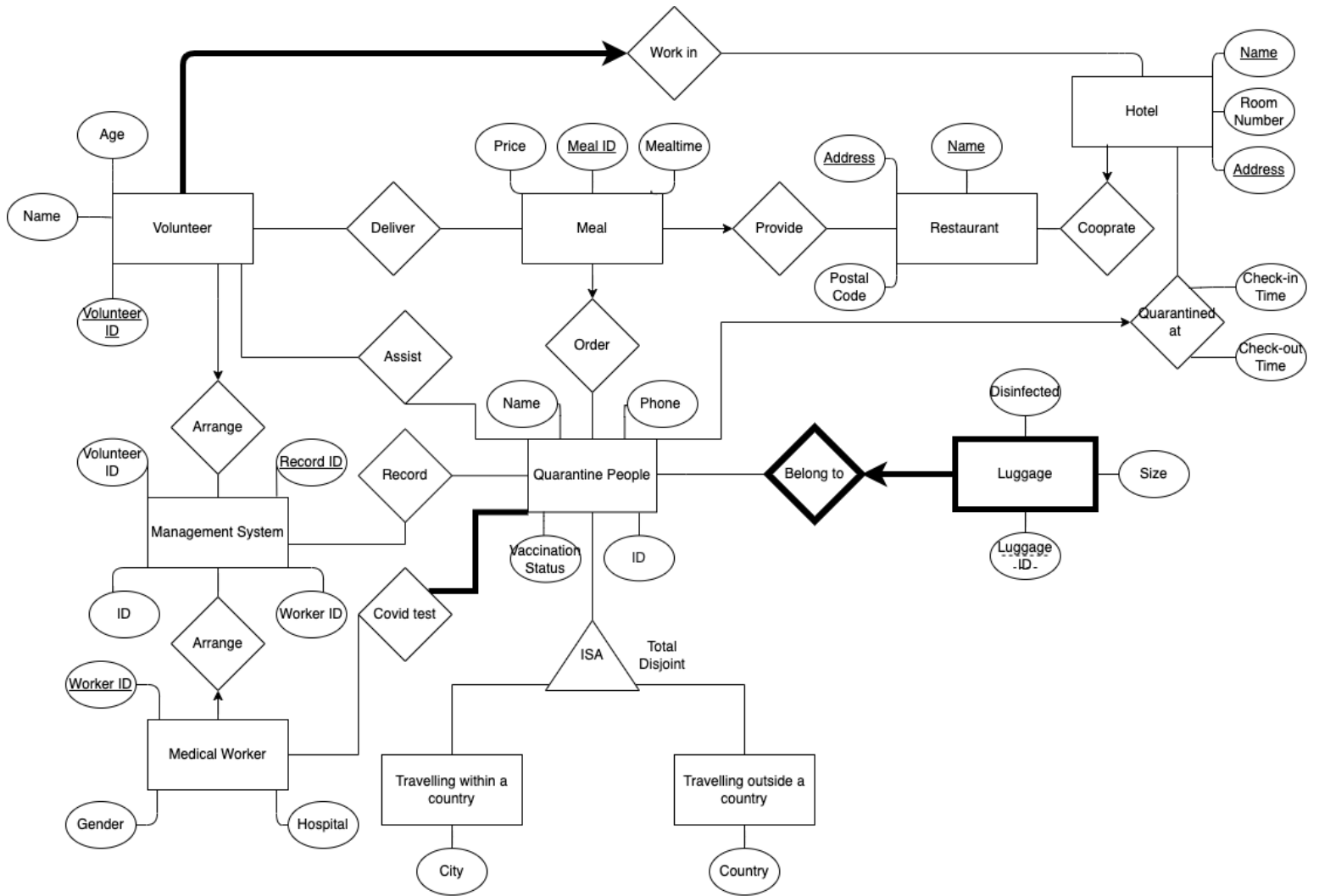
**Project Group Number on Canvas: \_66\_\_**

### Group Members:

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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



The domain that we are going to model is the quarantine hotel management system. That is, we are going to focus on the data that is tracking people in hotel quarantine.

We will focus on people quarantined in hotels. This includes things like the information about the people who are quarantined in the hotel (e.g., name, contact information, ID, personal belongings, and travel type), and the people who serve them (medical worker, volunteer), also the hotels and restaurants they provided services. The ISA relationship for the quarantined people is total disjoint because all the quarantined people are from international and domestic and do not overlap. The weak entity is the quarantined people's belongings, which will be marked for handling and disinfection.

There will be two different classes of users of the system: the quarantined people, and the quarantine department staff. The quarantined people will be able to update their personal information, book the quarantine hotel and meal. The quarantine department staff will be able to access all the quarantined peoples' data — their personal information and quarantine status. Only department staff will be able to arrange the work of medical workers and volunteers.

We assume each volunteer will only be assigned to the same and fixed hotel, which means volunteers will not work in two different hotels. Also, we assume all the quarantined people need to be tested, therefore it will be total participation. However, not all the medical workers will be assigned to do the test for quarantined people, and the medical staff who do the test each time is not necessarily the same.

This project will be done using the CPSC department's Oracle database system, using Java and JDBC. We do not anticipate using any special software or hardware.