

CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 35

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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

Crime Case Report Database

Description

The general domain of the application centers around criminal case investigations. The database will model cases and the information pertaining to them - the crime, police officers, evidence, criminals, people of interest, etc.

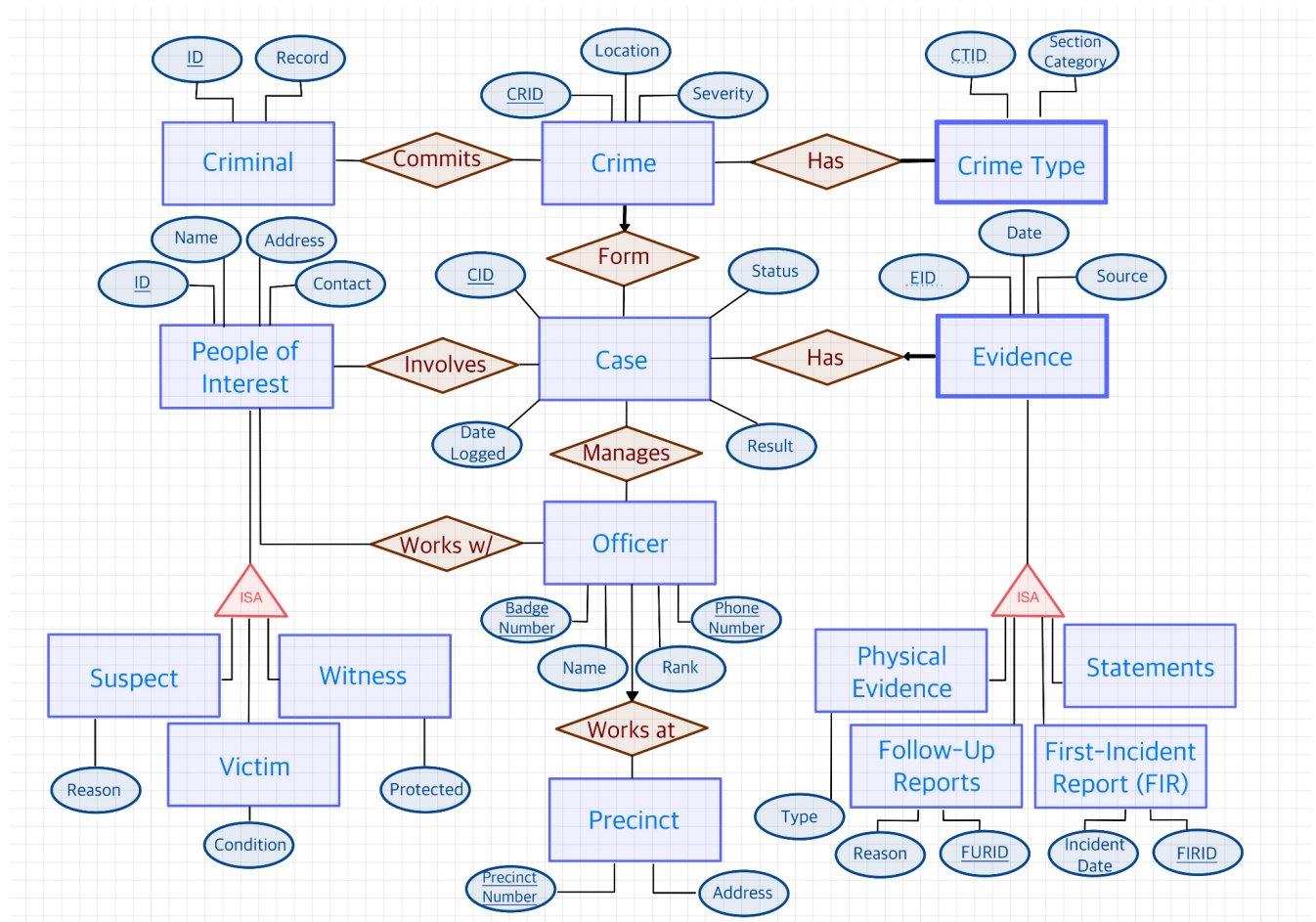
Functionality

A major functionality of this database will be to conveniently provide information on ongoing or closed criminal cases, answering questions such as: What was the crime committed? What police officers are currently involved? Has the case been resolved, and if so, how? The database could also be used as a foundation for statistical analysis, to reach conclusions such as which crimes are committed most frequently and which areas are hotspots for crime. Finally, the database could be used to easily manage police officers within the organization, assigning them to different cases and/or police stations depending on the situation.

App platform

We are planning to use PHP and Oracle for this project. Oracle will be used to manage the database and PHP will be used to create the user interface to display the data.

ER Diagram



Constraints/Clarifications:

- POI ISA is total + overlap, Evidence ISA is total + disjoint
- A case can have multiple crimes, but a crime can only have one case. A crime can only be uniquely identified by its case.
- All suspects, witnesses and victims are POI.