Student Name:	**Ramon Baiao** **Moyosore Adenuga** **Peter Ogedegbe** **Varun Kummaraju**
Assignment:	Assignment #1 – Helping the Government (Part 1 of 5)
Course Name:	Business Data Analysis

Date Assigned:	
Date Due:	11/29/2017
Rules:	1)Find your team! 2)Get ready to work! 3)Remember you are in competition with the other groups! 4)Every team member must participate
Grade: **(Instructor Use)**	

GROUP DISCUSSION

AREAS OF NEED

The discussion in the group was aimed at analyzing the existing ERD (Entity Relationship Diagram), and sequel to the discussion within the group, a few concerns were highlighted, and are shown below;

- How does the Justice system work?
- How many cases can a defense lawyer handle at a time?
- Why are there different naming conventions in the naming of the entities?
  Is there any need to improve the existing design of the ERD?
- How many records in the database should be created?

ASSUMPTIONS

The database, Saskatoon Regional Sentencing Database, created by the Province of Saskatchewan, contains 14 entities, also evident in the ERD, namely:

- DefenceLawyer
- Appeal
- CriminalCode
- Contact
- Case
- Offender
- Court_Fine
- Sentencing
- RecordHistory
- JP_Personal_Info
- Justice_of_the_Peace
- CorrectionalFacility
- JP_Emergency
- JP_Employment_Data

Naming Convention

For good practice, the naming convention was changed to reflect a uniform naming system across the entire database. i.e.

- DefenceLawyer
- Appeal
- CriminalCode
- Contact
- Case
- Offender
- CourtFine
- Sentencing
- RecordHistory
- JPPersonalInfo
- JusticeOfThePeace

- CorrectionalFacility
- JPEmergency
- JPEmploymentData

Data Types

The data types used for the entities in the database can be shown in the ERD below:

Use of the Database

The Database is to be used by the members of the Justice Department of the province of Saskatoon in the sentencing and application of the Law, and the management of personal information, cases and files of offenders, both new and old, in the Justice System.