#### Database Systems (CS4400:0001)

**Part 4: Database Implementation**

**Due: 12/18/2020**

**Group 1**

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**Web interface:** [**http://webdev.cs.uiowa.edu/~xiayu/**](http://webdev.cs.uiowa.edu/~xiayu/)

**This document will provide the folder structure of the deliverable made as part of this submission along with the individual contributions for the deliverable. Contains the following files:**

* **A documentation file to our schema, which specifies our design ideas for each relation. And also the reason of why we select our indices.**
* **A sample data form.**
* **A SQL file which create all the tables used in the project and also the insert scripts which will insert tuples from the sample data form to the database. The sample data is used in computing the queries deployed in the web portal. Also create all index tables.**
* **Three SQL file each contains a question and a query to answer the question.**
* **A JSON model for our schema.**
* **Updated project description document, ER model, Relational model, Normalization problem, Justification for relational schema, Data dictionary, Authorization decisions.**
* **Added an integrity constraints documentation which we missed from last submission.**

**All group members contributed equally to this deliverable.**