ITSE 2309 Introduction to Database

Group Project

Name your file GP_TEAM#.pdf. (Example: GroupProject.pdf)

Include your name, course, and section number in your file. Use appropriate table names in accordance with proper naming conventions.

Normalize the following chart to 3NF. Adhering to the following rules and suggestions remembering the following goals of normalization.

Single Valued Attributes - Each column of your table should be single valued which means they should not contain multiple values.

Attribute Domain should not change - In each column the values stored must be of the same kind or type.

Unique name for Attributes/Columns - This requirement expects that each column in a table should have a unique name.

Order doesn't matters - This requirement expects that the order in which you store the data in your table doesn't matter.

Eliminate Data Redundancy.

Prevent Insertion, Update and Delete Anomaly. (An anomaly is an Irregularity, Variance, or Inconsistency**.)**

Project Code	Project Title	Project Manager	Project Budget	Employee No.	Employee Name	Department No.	Department Name	Hourly Rate
PC010	Pensions System	M Phillips	24500	S10001	A Smith	L004	IT	22.00
PC010	Pensions System	M Phillips	24500	S10030	L Jones	L023	Pensions	18.50
PC010	Pensions System	M Phillips	24500	S21010	P Lewis	L004	IT	21.00
PC045	Salaries System	H Martin	17400	S10010	B Jones	L004	IT	21.75
PC045	Salaries System	H Martin	17400	S10001	A Smith	L004	IT	18.00
PC045	Salaries System	H Martin	17400	S31002	T Gilbert	L028	Database	25.50
PC045	Salaries System	H Martin	17400	S13210	W Richards	L008	Salary	17.00
PC064	HR System	K Lewis	12250	S31002	T Gilbert	L028	Database	23.25
PC064	HR System	K Lewis	12250	S21010	P Lewis	L004	IT	17.50
PC064	HR System	K Lewis	12250	S10034	B James	L009	HR	16.50

Once you have normalized this form into multiple tables, place it in a FOLDER Named Lab 06. Compress the folder and submit through Moodle with the following naming convention: Page_lab06.pdf.