DBMS Project 2

This document gives information on the implementation of the DB design done previously in Project 1.

Design:

Design adjustments were made based on the feedback provided. Few other design choices were made after facing some issues while working. Following are the adjustments that were made,

i. Optional and required fields included
ii. Union table and JobTitle table deleted
iii. Employees and Benefits tables handles
iv. Employees and Address relation changed
v. Majors/Minors and Colleges tables redesigned
vi. Courses and Prerequisites tables redesigned and relationship changed

Following design choices were made from the instructor solution. These new choices made better sense and improved the design,

i. Courses table
ii. Modified CourseSchedule table and added CourseDailySchedule
iii. ProgramSpecialization table redisgned

The following tables were deleted and appropriate design choices were made to include the data in existing table, in few cases just deleted because of their irrelevance,

i. Status table
ii. EmployeeType
iii. PayCycleType
iv. AddressType

The remaining document has SQL scripts for creation, data load, view, stored procedures and function.

Vamsee - 749435970