

IS455 Database Design and Prototyping

Instructions for the Final Project Proposal

Overview

The objective of this assignment is to write a proposal for the Final Project. Before starting this assignment, please play my tutorial video: *Creating a Final Project Proposal*.

This proposal assignment has two deliverables:

1. A one-page System/Prototype Description
2. A Conceptual Data Model for the database

System/Prototype Description

Write a one-page (single-spaced) report using professional business prose that describes the system for which you propose to develop a prototype. Your description should address the following items:

- Provide a working name for the system.
- Describe the person or group of people who would be users of the system. Remember that it is acceptable to be creating a prototype of a system for your own private use.
- Describe the problem that the system will solve for the users or the opportunity that the system will allow the users to address.
- Describe how this system will be different from competing systems or other alternatives that are available to the users. Remember that the only difference might be that you would be the developer of this system.
- Describe the scope of the prototype expressed as a subset of the system. Your prototype might have a smaller scope than the system due to:
 - The time allocated for this assignment is too short to prototype all of the functionality expected in the system.
 - An automated interface to another system will not be implemented in the prototype.
 - Business rule constraints that will be implemented in the system cannot be implemented in the prototype.

Conceptual Data Model

Create a conceptual data model for the proposed system expressed as an entity-relationship diagram (ERD). The approach to this part of the assignment should be the same approach as followed in the *Conceptual Data Modeling Assignment*.

Tools

Use whatever word processor you choose for the Proposed System Description. Use the LucidChart diagrammer for the Conceptual Data Model.

Length

The Proposed System Description should be one page long (single-spaced). The Conceptual Data Model may take one or more pages depending upon the size of your model.

Format

Combine both documents into a single PDF document. Submit 1 .PDF file.

File Naming

You will be submitting a single PDF document named according to the following scheme:

surname_givename_final_project_proposal.pdf

If I were completing this assignment, I would name my file:

trainor_kevin_final_project_proposal.pdf

PLEASE NOTE: All file names must be in lower case. Deductions will be made for submissions that do not conform to this standard.

Submission Deadline

The submission deadline and submission activity will be indicated in the Weekly Schedule.

Grading

A separate grading rubric document will be posted to the Weekly Schedule.

Last Revised

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