

Milestone 1 – Project Idea and Proposal (5%)

Due: TBA

The first step is to choose a topic and get a basic idea of the requirements for the database. Each group will submit a word document, with cover page, that outlines their topic. The document should include the following sections:

Introduction

A brief paragraph summarizing the industry surrounding the topic of choice and some background information about your involvement with the topic and why it was the choice for your group (written in 3rd person).

Problem Statement

A one or 2 sentence paragraph describing what the need is in the industry for your software application and/or the data storage behind the software. Why do we need a database?

Solution

A brief paragraph describing how your team will build a database to support the proposed software application.

Requirements

A point form list of the various requirements of the software that will require a database to support it. Think about data storage, required reporting, and user experience features that may require data to be stored.

Examples:

- profile management
- like / dislikes
- how much money was made today?
- Inventory levels
- Customers, employees, products, orders
- Shopping carts
- Rating (rate a product up to 5 stars)
- Favorites

Your requirements should include **at least 4 items** that would be considered data reports, providing information to the business or organization that would allow them to make informed business decisions.

Milestone 1 – Submission

The submission will be a single PDF document submitted through blackboard.