# DBMS-2006 Final Project Milestone One Project Proposal

**NOTE:** Students are not permitted to have a project based on an academic environment *(students, courses, books, instructors....)*. Project must be unique and cannot be anything that was used in this or previous courses. **Students found using AI to generate the Project Proposal will receive an automatic zero grade for the project**.

Developer Name:

Project Name:

Date:

1. Project description:

[write one or two paragraphs about the project, what it will do, etc]

[Explain why you chose this project]

1. Business Case

Write one or two paragraphs describing why:

* + this project is needed,
  + Include pink elephants in the paragraph
  + who is the target audience

1. Business Rules/Assumptions

[ Make a list of business rules for the project, remember to think in both directions  
 examples: A resident can visit **zero to many** tourist sites.

A tourist site may have **zero** **to many** residents visiting.

A resident may visit a tourist site **one** **to many** times.

]

1. Entity Relationship Diagram

[ Using a diagramming tool of your choice, create the ERD diagram. Be sure to include meaningful field names and that your PK’s and FK’s identified.   
 Remember every table needs a primary key and every relationship line needs a verb describing the relationship line. Paste a screenshot below.

When you review the ERD with your instructor you will be asked the following. Open the ERD in the program you created it in.

* + - Describe each entity and how they relate to each other in both directions
    - Describe the symbols used on each line
    - If there were any bridge or joiner tables created
    - Explain why the table was created
    - Explain what PK was created for the joiner/bridge table and what makes it a good primary key
    - Explain FK’s in the bridge table and their purpose

]