

# **CSCI 4333 Database Design and Implementation**

## **Introduction to the Project**

Instructor: Dr. Xiang Lian

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Santiago Pazmino  
Director  
Information Technology Department  
RGV Entrepreneurship, Inc.  
Edinburg, TX

Dear Mr. Santiago Pazmino,

I am writing to acknowledge that our team of database professionals is ready to take the duties of database development as described in the Database Development Agreement between RGV Entrepreneurship, Inc. and WORLDDDB Consultants, Inc.

The Project will be completed in four stages:

- (1) Database Design. The team will collect and analyze the requirements of data management in your organization, and will design a conceptual model of the database.
- (2) Database Implementation. The team will implement the database in database management systems Oracle and MySQL.
- (3) Database Application Development. The team will develop and deploy user-friendly database applications featuring GUI and querying capabilities.
- (4) Database Performance Evaluation. The team will conduct a set of experiments to measure efficiency and scalability of the database solutions with Oracle and MySQL and will provide the recommendations on the database deployment.

A final report describing all stages of the Project will be submitted.

Sincerely,

Xiang Lian

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