CSE 581

**Lab 11: Stored Procedures**

**Purpose:**

Create a stored procedure **in database CSE581labs**. Execute it.

**Deliverables:**

Multiple screenshots, as described through the lab.

Scripts that you used to carry out the actions.

**Steps:**

1. Create a stored procedure. Input for the stored procedure will be Course Id and Student Id.

The stored procedure will check if the student is enrolled in the class yet.

1. If the student has already been enrolled, display a message that says “The student is already enrolled”.
2. If the student has not been enrolled yet, and the course doesn’t have a faculty yet, display a message that says “Cannot enroll until faculty is selected”.
3. If the student has not been enrolled yet, and the course does have a faculty assigned, then enroll the student in the course and display a message that says “Student enrolled”.

Provide a **screenshot** of script execution that creates the stored procedure.

A computer screen with text

Description automatically generated

A screenshot of a computer

Description automatically generated

1. Select from the Enrollment table, to see data prior to execution. Provide a **screenshot**.

A computer screen with a screen showing a program

Description automatically generated with medium confidence

1. Run the stored procedure to prove that all 3 cases work. For each case, provide a **screenshot** of script execution and **screenshots** of Enrollment and Courses table after execution.

A computer screen shot of a computer

Description automatically generated

A computer screen with a computer screen

Description automatically generated with medium confidence