CS306 – Project Phase II

Tasks:
1. **Trigger Implementation**
   o Add a trigger to automate a relevant task in your application (e.g., stock updates, logging changes, sending notifications).

2. **Stored Procedure Development**
   o Create a stored procedure for a key operation in your application (e.g., orders, reserving items, or generating reports).
3. **Web Access Module**
   - Design a web interface to interact with your stored procedure. This module should:
     1. Allow data insertion: Include a user input form to insert data into your database through the stored procedure.
     2. Display outputs from the database: Show the results of the stored procedure or relevant database data on the same or a separate page.

   SUBMIT:
   o HTML and backend files for the web interface.
   o Screenshots of the following:
     ▪ Input Form: The web form where users can input data.
     ▪ Insertion Confirmation: The output/results displayed on the web interface after interaction with the stored procedure.
     ▪ Data View: A display of the updated database content or results retrieved from the database.

Report Requirements:

You need to submit the following:
1. A SQL scripts for the trigger and stored procedure.
2. A report for explanation of the functionality of each component.
3. Report should also have screenshots of:
   o Database states before and after trigger execution.
   o Stored procedure execution and output.
   o Each page of the web interface

Submission Requirements:
1. Submit your report as a PDF through SuCourse which should include 3 sections:
   o (1) Trigger Implementation
   o (2) Stored Procedure Implementation
   o (3) Web Access Module
2. You will submit only one report for your group. Only one student from each group should submit.