List below at least six features of your website. Give instructions on how to test each feature. All input must be error checked. Functionality implemented without SQL can be included for credit. However, you must have at least six SQL queries including at least one insert, update, delete generated from user input and at least two complex queries involving multiple tables.

1. ***SELECT 1 - Describe in detail! Below is an example remove and add your own:***

*To list the courses a student is taking in a given term go to the courses page, input a valid student ID number and select the term from the drop-down list. Click the submit button and a list of course will be displayed in a table if the student ID was valid and the student was enrolled that term. If the student wasn’t enrolled that term, a message will appear. If the student ID is not valid then the form is not submitted and the user is prompted to input a valid ID.*

*SQL:*

*SELECT crsnumber, crsname*

*FROM Transcript*

*WHERE sID = ‘$sID’ and term = ‘$term’*

2. **SELECT 2 -**

3. **SELECT 3 -**

4. **INSERT -**

5. **UPDATE -**

6. **DELETE –**

7. Explain how to activate the trigger/procedue/function 1

*For example: A trigger is activated if a student attempts to enroll in more than 5 courses in one term. This is a BEFORE INSERT trigger. The insert is rejected with an error message indicating maximum number of courses exceeded. To test this trigger use the student Amy with sid 123 since this student already has 5 courses adding another course will result in an error.*

8. Explain how to activate the trigger/procedue/function 2

9. Explain how to activate the trigger/procedue/function 3