Database Advanced Topics

Group Project – Deliverable 3 – Reporting

Reports Needed

The overview document described the following reporting needs for the system. In this deliverable, you must create an SQL script that contains the code to produce these reports. I would suggest that you use a PACKAGE called "REPORTS" that contains PROCEDURES for each report.

- **Annual Report to Donors** This report lists the donor name and donor circle. If the total donations for a donor meet or exceed the giving level, they become a member of the donor circle. I realize these are different than those mentioned in the overview document, but we will go with ETSU Donor Circles using the following levels:

    - President's Trust Diamond - $5,000,000
    - President's Trust Platinum - $1,000,000
    - President's Trust Gold - $500,000
    - President's Trust Silver - $100,000
    - President's Trust Bronze - $50,000
    - President's Trust Patrons - $25,000
    - President's Trust Founders - $10,000
    - President's Trust Sponsors - $5,000
    - President's Trust Fellows - $2,500
    - President's Trust - $1,000
    - The Dean's Club - $500
    - The Scholar's Club - $250
    - The Century Club - $100
    - Contributor - Up to $99

    The report also needs to display summaries, including the total amount raised from all sources, the total for each class, the percent participation for each class, the total for each category, the grand total for each donor circle, and the class total for each donor circle. Because this report is in two parts, you may separate each part into different procedures and then call those procedures from a third "ANNUAL_REPORT" procedure. Note that this report is ONLY for a single year.

- **Monthly Report** This is an internal report that Suzanne uses to evaluate the progress of the fundraising for the year so far. It gives the totals and percentages of pledges and gifts received for the current month.

- **Event Report** Suzanne would like to generate reports showing who attends each of the fundraising events, and what pledges and gifts were received from the attendees.

- **Class Representative Contact List** For each class representative, Suzanne would like a list of classmates to be contacted, including the name, address, telephone number, last year's donation information, and this year's donation information.

- **Phonothon Volunteer Contact List** Each volunteer caller is given a list with information about the potential donors he or she is expected to call, including the name, telephone number, address, category, year (if applicable), and last year's donation information.

- **Report Proposal** You will create a report that you believe would be useful for Suzanne. This is open-ended, but it should make sense.

Requirements

1. You must include the SQL to create each report.

2. You must include the SQL to produce each report.

3. If you did not create enough data to produce each report, add more data, and submit all data (including the data submitted for deliverable 2) with this document.

4. If your schema does not provide the ability to produce each report, you must change your schema creation script and diagram, and resubmit these changes.

5. If you used one of your schemas for the reporting–please tell me which schema to review.

6. If you make any assumptions in your reports, please submit those assumptions in a Word Document.

7. Include **all files** in a ZIP archive named GroupProject_D3.zip. Please name the files within the archive in a way that will tell me what they are.

Submission

Submit files to the dropbox by the submission deadline in the overview document.

Rubric

Area	Points Possible	Points Earned
Annual Report	20	
Monthly Report	15	
Event Report	15	
Class Representative Contact List	15	
Phonothon Volunteer Contact List	15	
Proposed Report	10	
Changes and/or Documentation	10	