

SQL Documentation

(a) Tasks the Database Will Perform

Enter and store student's personal and contact information

Enter and store data from recommendation forms

Enter school information

Enter bowling center information

View student's scholarship application

Search for student information

(b) Questions the Database Will Answer

How many applications were received in a given year?

How many scholarships were awarded in a given year?

How many of the applications received in a given year were received from students who have applied for scholarships in a previous year?

How many times has a particular student applied for a scholarship?

Has a particular student been awarded an HGL Young Bowlers Foundation scholarship in the past?

How many applications were associated with a specific bowling center in a given year?

How many applications were associated with a specific school in a given year?

What is the average score given to an applicant by his/her recommenders?

(c) Sample Queries

Query that lists student name, county, city, zip code, and application date

Additional queries are all used to generate the reports listed below

(d) Sample Reports

Report that lists all of the applicants in the database, sorted by year and by last name, as well as the total number of applicants currently stored in the database

Report that lists all of the applicants who have been awarded a scholarship in the past, sorted by year and by last name; also provides count of total number of scholarship recipients