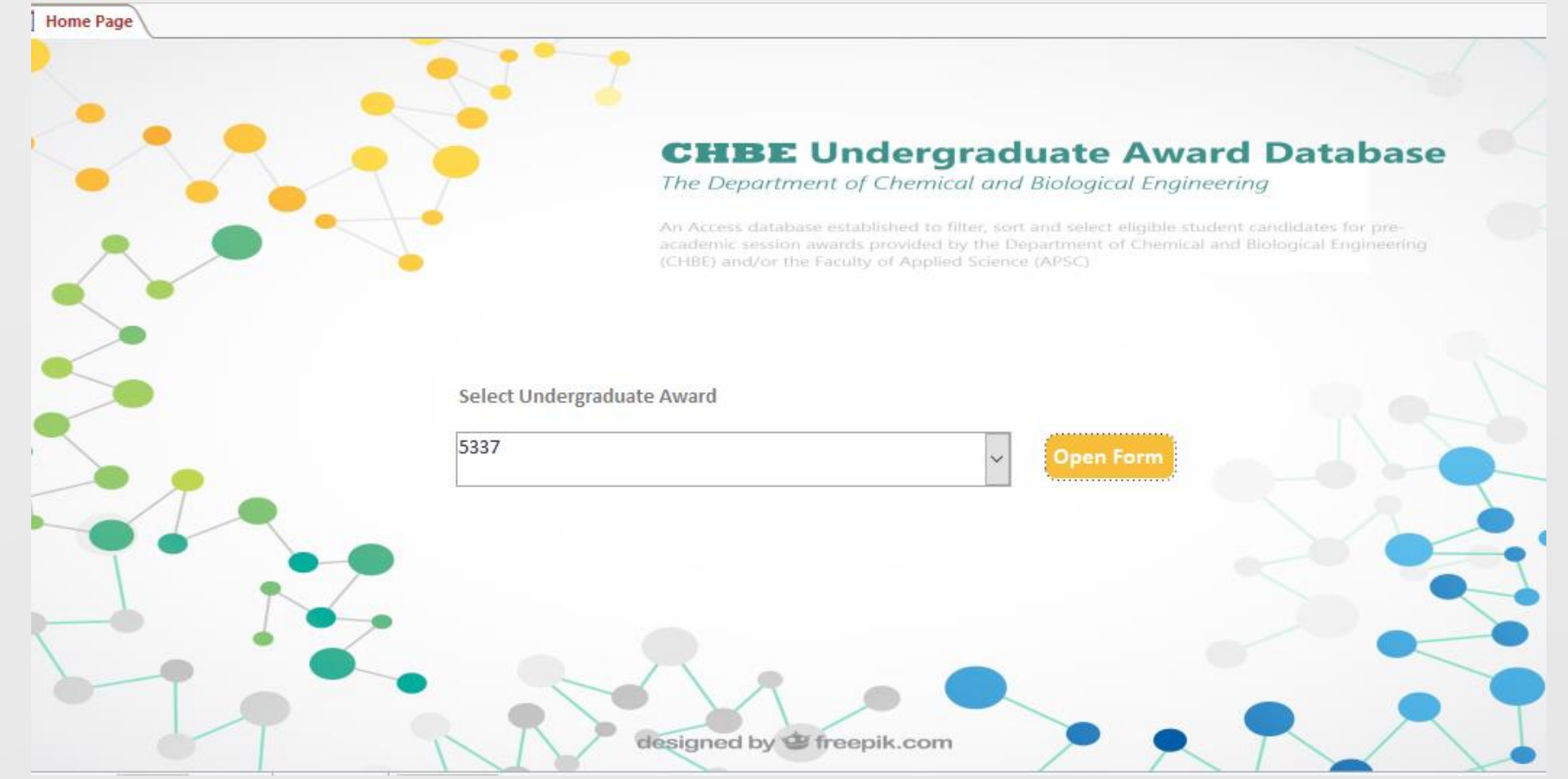




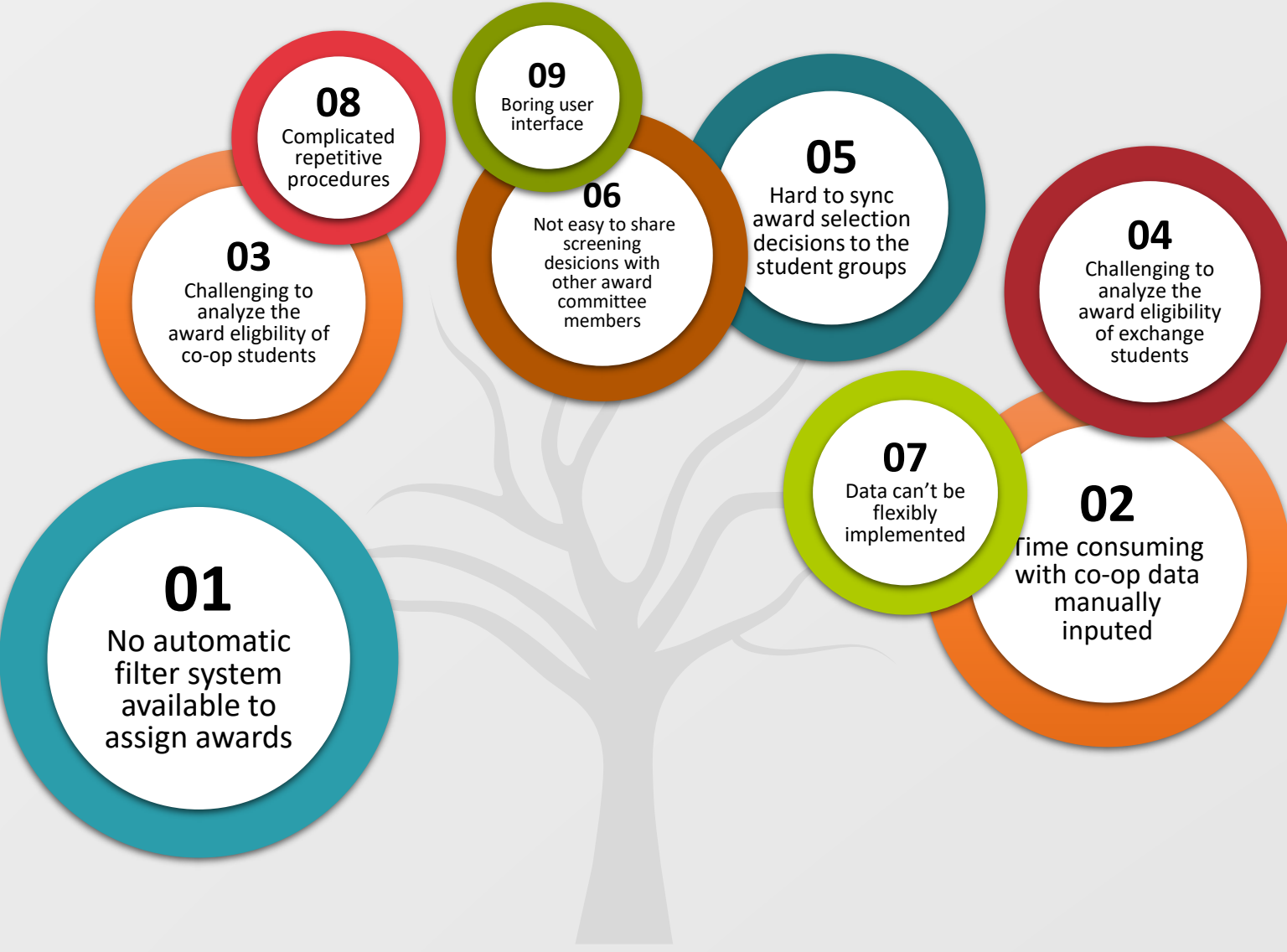
Undergraduate Student Award Database

An Access database to sort, filter and select potential student candidates for the pre-academic session undergraduate awards, based on the general UBC selection criteria as well as the requirements listed for each specific award provided by the Department of Chemical & Biological Engineering as well as the Faculty of Applied Science.

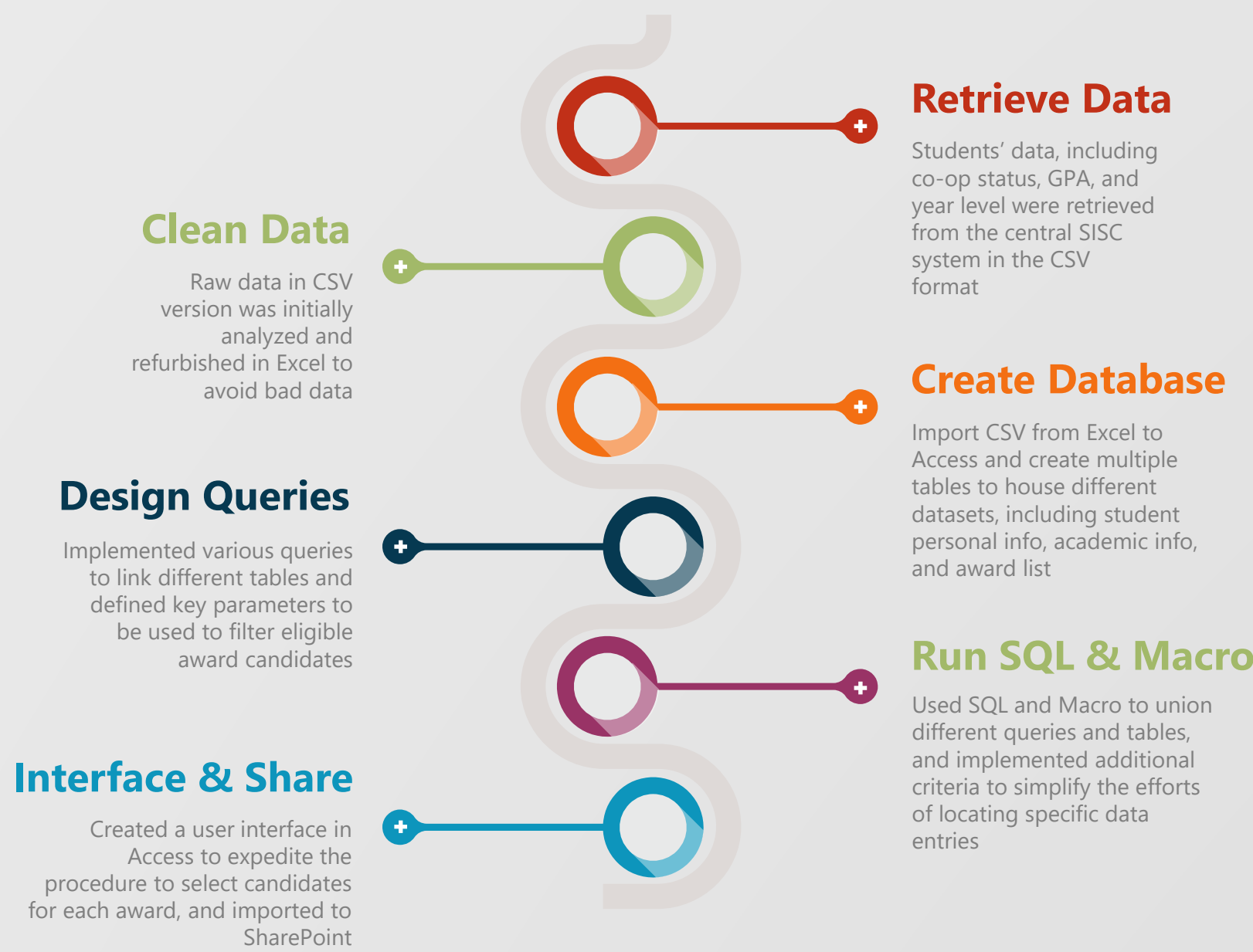


Home Page - Main User Interface

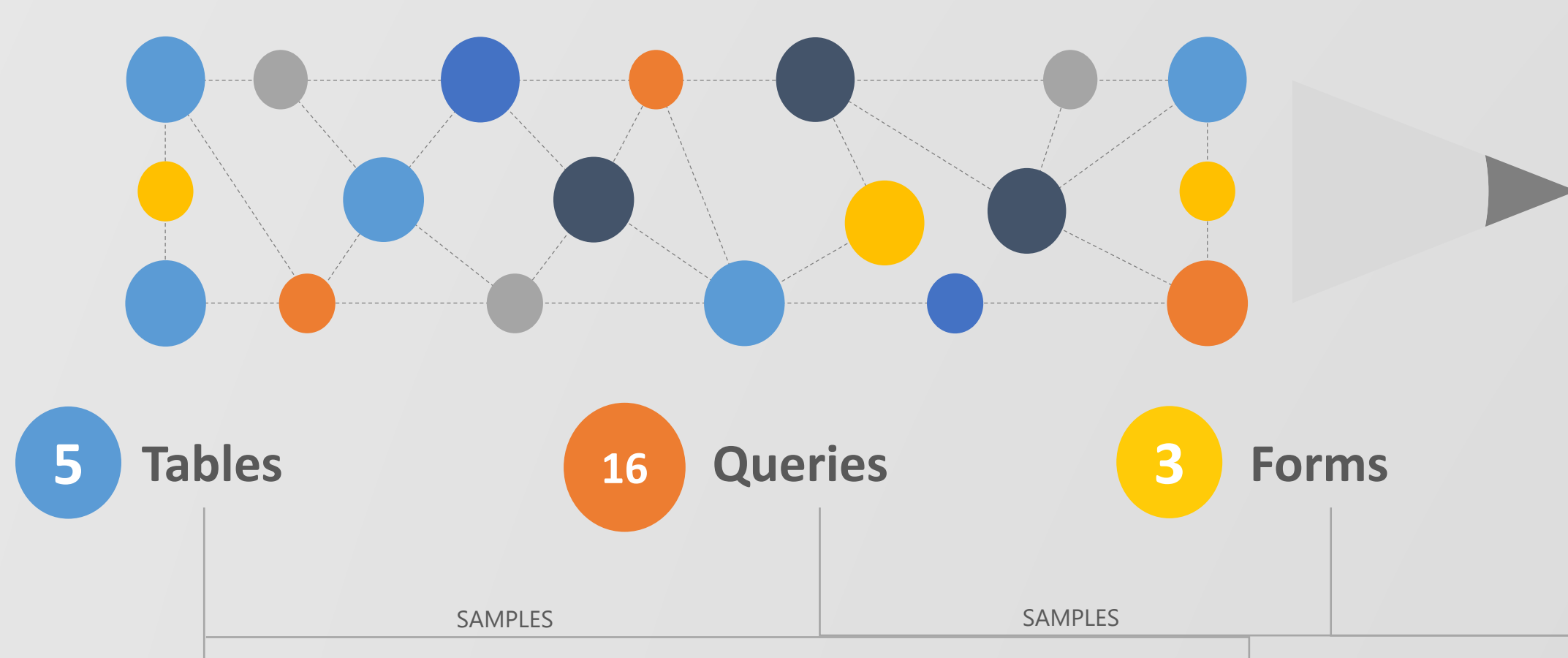
A. Why this project - Problem Statement



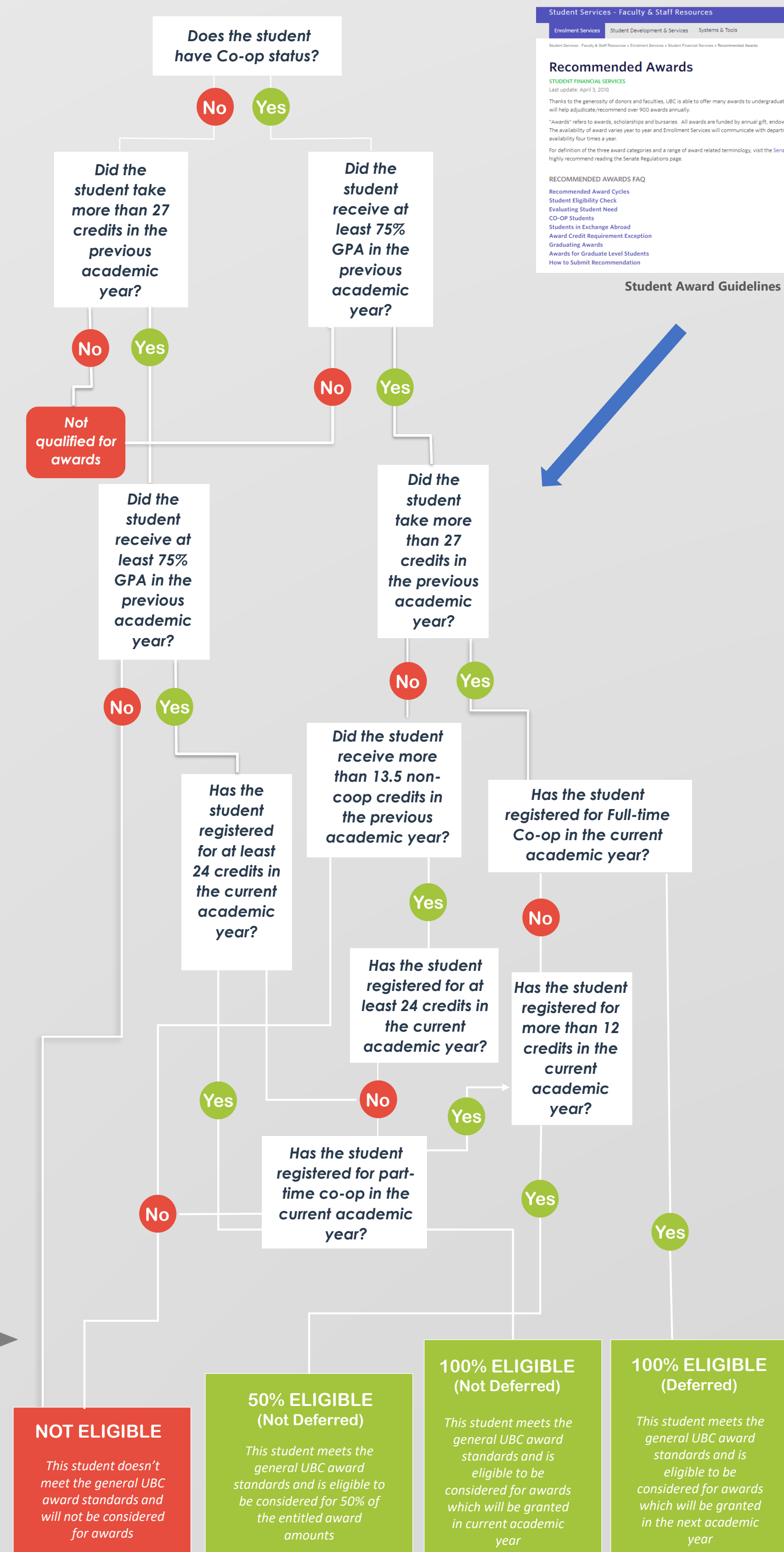
B. Database Design Workflow Overview



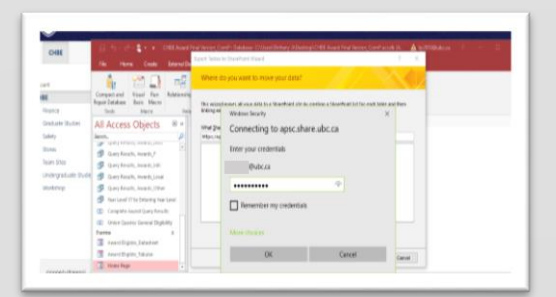
C. Objects Implemented In This Access Project:



D. Switch Award Criteria to Flowchart



E. Share Results



The final database can be linked to the CHBE SharePoint site so that other people within the team can access the data while the original database is still being used as the front end to generate tables, queries, forms and report.

F. Next Steps



The student names and student numbers appeared in this database were randomly generated due to privacy concerns. However, as the database being used for future undergraduate award selection and analysis, the Department will import genuine student information to this database. More importantly, the power of such Access database allows the historical data to be properly stored, and can be retrieved if needed. Also, with the templates built up in this capstone project, the future data import would be much easier and time-saving.

Table: Award List, 25 records. Columns include Award ID, Title, Amount, and other details.

Table: Academic Results, 428 records. Columns include Student ID, Year, Semester, Credits, and other academic data.

Final Form: Eligible Candidates for Review. Columns include Student Name, GPA, Credits, and Eligibility status.

Table: Award List, 25 records

Table: Academic Results, 428 records

Union Query: SQL

Final Form: Eligible Candidates for Review

Project Sponsor



Want to learn more or get more details? Please contact

Brittany Ji, Online MLIS, Cohort 2015

bji2910@uw.edu

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