CEG 6120/4120

Databse Query Team

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Database Query Automation System Requirements

# Purpose

The purpose of this document is to ensure that the customer and the Database Query Automation team agree upon the necessary requirements for this project.

# Description

The CSE department is required by ABET accreditation to track student performance in order to assess the health of the program. In order to do that, a database has been designed to hold information about student retained knowledge. Now an interface is needed so that administrative support staff can upload assessment documents and generate a standard report every term. This interface should also allow faculty to easily run new queries on items of interest.

# Requirements

## User Requirements

* Interface to allow uploading of Assessment Documents
* Interface to run custom database queries
* Interface to generate standard reports

## System Requirements

* Parse assessment documents and store information in supplied database
* Run custom queries from interface and generate charts / tabular data to present results to user in a meaningful view
* Generate standardized reports from templates provided that can be created on demand