

DATABASE INTERACTIONS™

FOR BALTIMORE CITY COMMUNITY COLLEGE

"An exciting data organization system at an exciting price."

Target Business

Baltimore City Community College

Advantages

- Adding new features and queries is easy to do and the application can easily have additional features added.
- Debugging output via the command line to diagnose issues.
- Scrollable Tkinter frame to display results much faster than competitors.
- Lightweight and simple to navigate application.
- Application loads almost instantly
- Supports custom queries

Current limitations

- No user privilege system
- No password required to utilize application
- Needs a Python library to function
- User has direct access to database

Implemented Functionality

- List the names of the courses offered by a specific program.
- List what courses are offered in a specific department during a specific semester.
- List the first and last names of staff that teach a course in a specific program.
- List the first and last names of staff that are also an advisor.
- List the first and last names of students who has a specific staff member as an advisor.
- Retrieve how many students withdrew/dropped a specific course during a specific semester.
- Generate a list of professors who have taught at Baltimore City Community College for more than or equal to five years as of a specific semester.
- List all of the first and last names of students enrolled in a specific program who are female.
- Find the name of the student who has a specific ID no.
- List the grade records all of the courses during a specific semester for a particular student.
- Ability to do your own custom query.

Database Interactions™

123 Towson Drive

Phone: 410-123-0987

Email: support@databaseinteractions.com