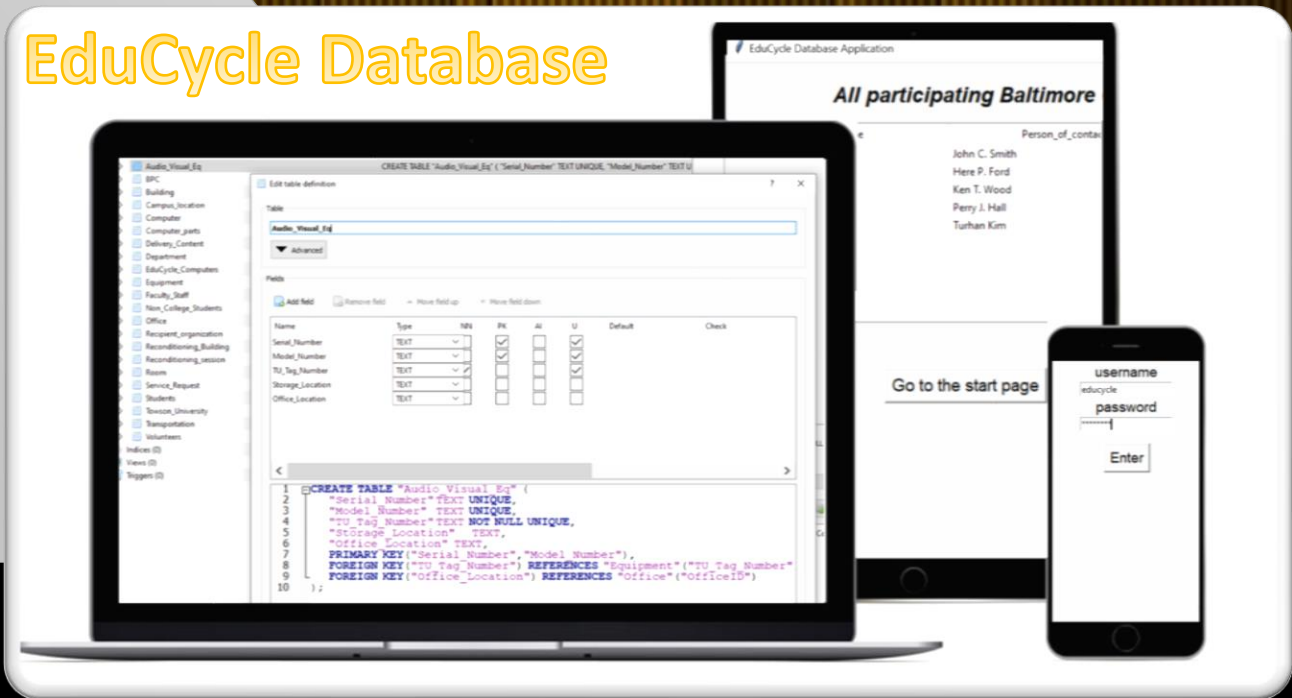


EduCycle Database



Functionality

The Educycle Database is used by the TU Educycle program to store and manage information from all points in the process, from Pre-reconditioning to Delivery.



Extensible

The E.D. is built on a simple backbone using SQLite and Python. Facilitating the training of new personnel in its design and implementation.



Intuitive

The E.D. includes a responsive Graphical User Interface with concise inputs and effortless navigation.



Reuseability

With information on computer parts storage, the E.D.'s contents make it useful for other members of Towson University as well.

How does it work?

It's as easy as
Filling out forms!



Adding data

**Creating
Service request**

View Tables

All participating Baltimore County Public Schools

School Name	Person of contact	Address
Lackey High HS	John C. Smith	1212 Chesapeake Ave
Headfield HS	Heidi P. Ford	17001 York Rd
Remond HS	Ken T. Wood	301 Stearns Run Rd, Essex
Perry Hall HS	Perry J. Hall	4801 Stearns Rd, Nottingham
C. Ashton Wright HS	Tulshan Kati	988 Elm Street

Go to the start page

EduCycle Database:

- Allows you to add/remove equipment
- Request for refurbished equipment from Towson to a participating school
- View enrolled members
- Create/view equipment reconditioning sessions
- Offers an interface for administrators (management) & students

Technological Components:

- SQLite for database
- Tkinter GUI for interface
- Python 3 for back-end
- Safeguarding against SQL injections so no information is leaked

