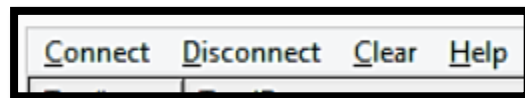# RFID Reader

Assignment 2

User Manual

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Overview

RFID Reader is a windows program that allows the reading of RFID tags while presenting the user with a simple interface with the information populated. When the program is initially started, the user is met with a simple interface with controller buttons at the top of the screen. See below for information on what each button does.

Connect

Upon clicking this button, the program will attempt to establish a connection to the reader. The program will prompt the user whether the connection has been successfully established, or failed.

Disconnect

The disconnect button attempts to disconnect from the connected RFID reader. The user will be prompted when a disconnection has been made.

Clear

The clear button will clear all items from the constructed list of tags.

Help

The help button will display information on how to operate the program.

Usage

1) Start the program.
2) Ensure an RFID reader is connected to a supported USB port.
3) Click the "Connect" button found at the top of the screen.
4) Wait for the connection to be established, this will prompt with success when the program is ready.
5) While the program is connected:
   a) Present a tag to the RFID reader to get the id of the tag. The information about the tag will appear in the program.
6) Once finished with reading, click "Disconnect" at the top of the screen to disconnect from the RFID reader, refusing all tags. The program will prompt with a successful disconnect.
7) If the program becomes too populated, click the "Clear" button at the top of the screen to clear the entire list.
8) Click help at the top of the screen if additional information is needed while operating the program.