Nicholas Chow, Calvin Lai

SET 3O

RFID Reaer

PSEUDOCODE

/\*\*

\* Creates a thread with the ConnectReader() function.

\*/

connect() {

create a thread to find the reader

display message box with error message if not found

}

/\*\*

\* Searches for readers/devices. Displays either a success or failure message box if reader is

\* found or not found. Function is run by the thread created when start button is pressed by user.

\* If reader is found, ReadTag() is called.

\*/

ConnectReader() {

searches for device

if device is found, displays success message box

if device is not found, display error message box

when the thread is closed, the devices are freed

}

/\*\*

\* Closes the thread when the stop button is pressed by user.

\*/

disconnect() {

closes the thread created when user presses the stop button

}

/\*\*

\* Prints the selected message to screen.

\*/

print() {

simply displays messages to screen

}

/\*\*

\* Waits for reader input. Reader waits until an RFID tag is discovered. Tag is then scanned and the

\* tag ID is then printed to screen via print().

\*/

ReadTag() {

enters a state where program waits for tag read event from the reader

upon successfully reading a tag, tag's id is displayed on screen via the print() method

program remains in this state until user presses the stop button

}