

COMP 3980: Assignment_2

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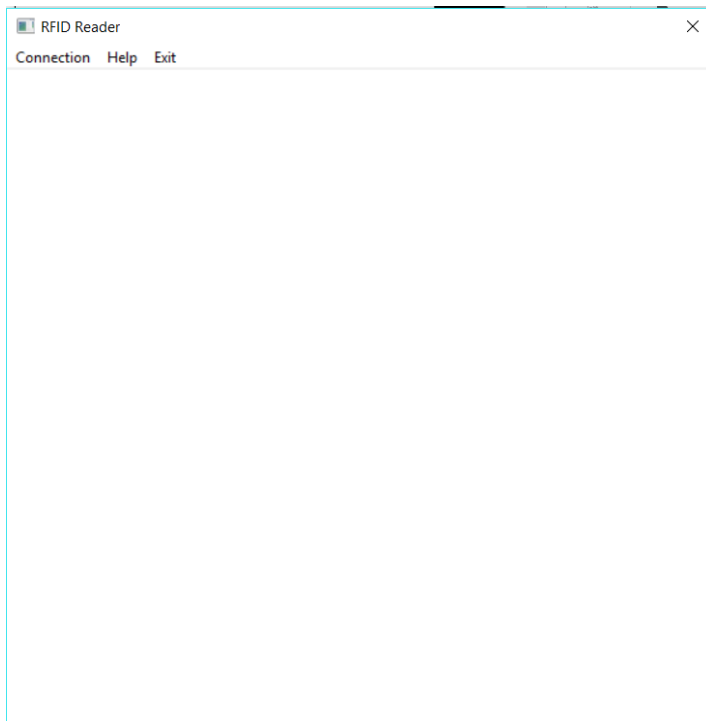
Terry Kang, A00937143

Set: 30

Testing procedures for “RFIDReader” program

INITIALIZE WINDOWS state test

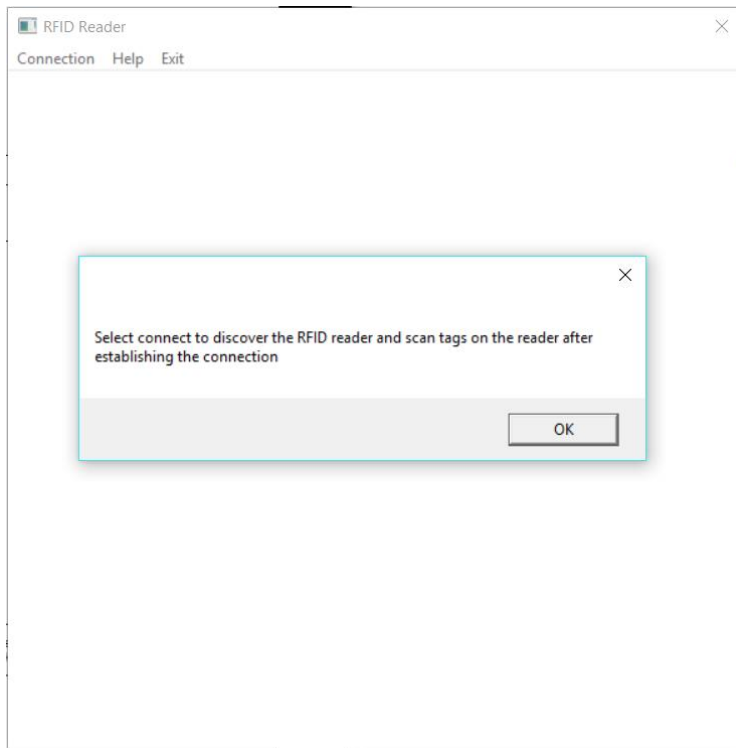
- a) Program is started, window is built



Result: Passed

HELP state test

- a) Clicking “Help” button pops up help dialog box



Result: Passed

COMMAND MODE state test

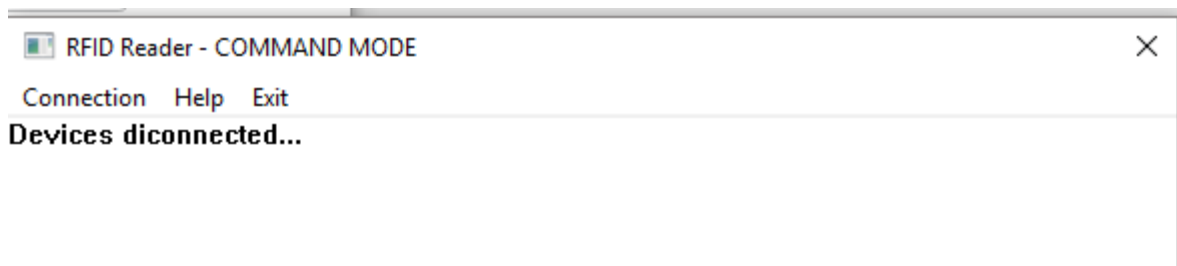
- a) Clicking “Exit” or ‘x’ button closes the program

Result: Passed

- b) Clicking “Connect” starts DISCOVER READER state

Result: Passed

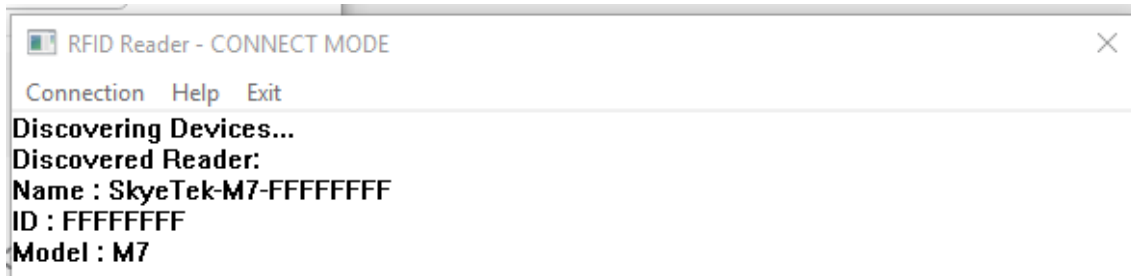
- c) Clicking “Disconnect” or pressing ESC key eliminates connection (frees the reader)



Result: Passed

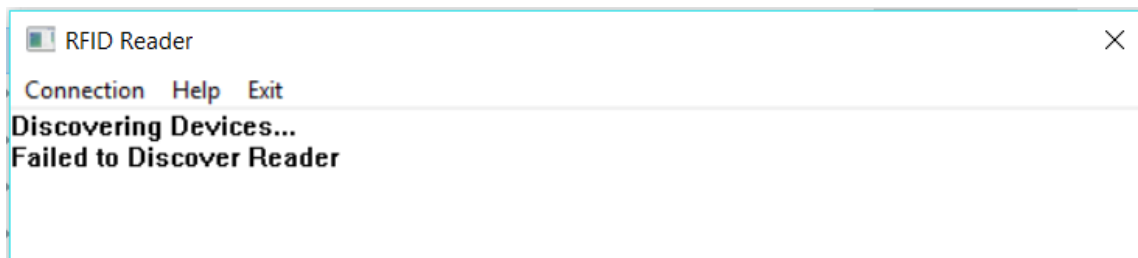
DISCOVER READER and START READER states test

- a) Device is discovered: Name, ID and Model is displayed



Result: Passed

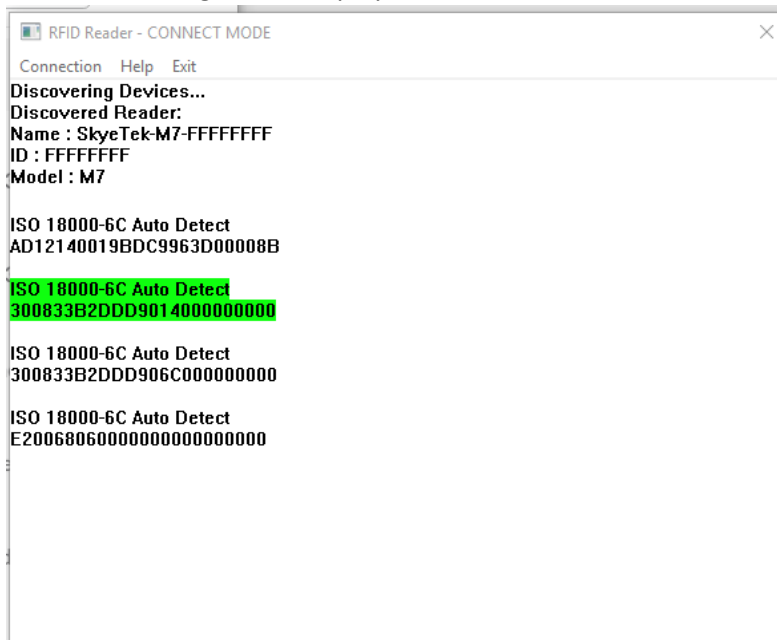
- b) Device is not discovered: "Failed to Discover Reader" message is displayed



Result: Passed

WAIT FOR TAG SCAN, READ TAG AND OUTPUT ON SCREEN states test

- a) Each scanned tag data is displayed on the screen. The most recent is highlighted in green color



Result: Passed