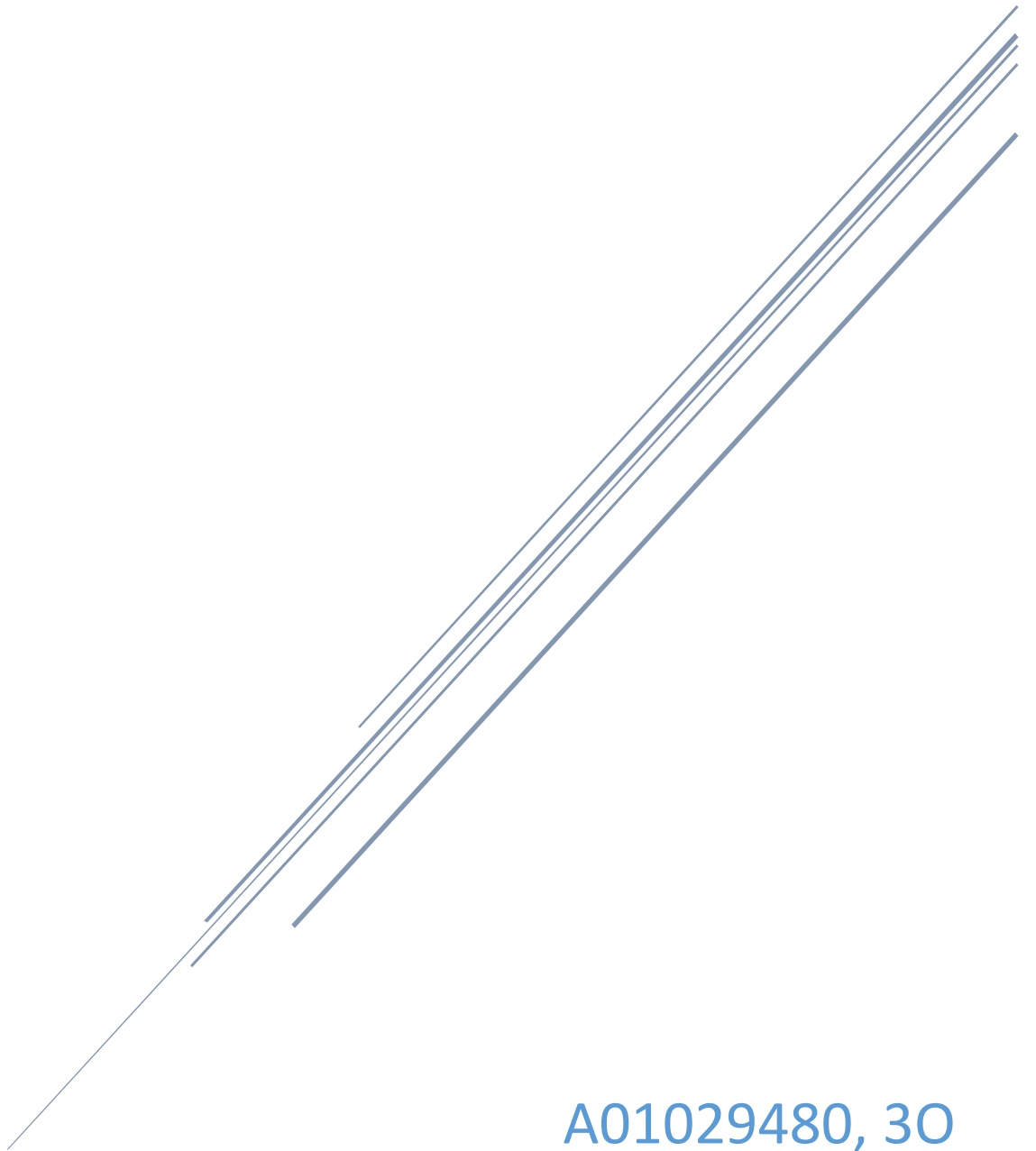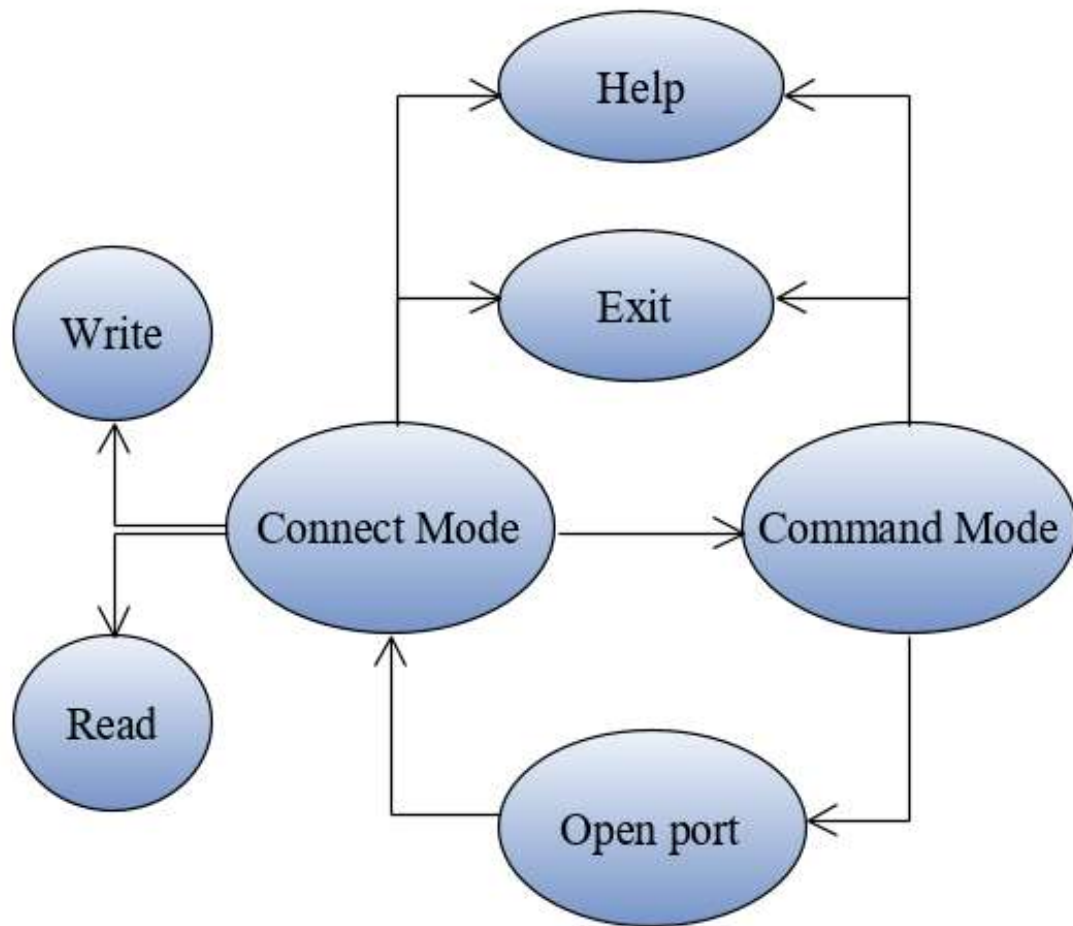# DESIGN DOCUMENT

COMP 3980 Dumb Terminal

A01029480, 3O

Keunsaem Lee (Sam)

1. Design Diagram

2. Pseudo Code

Command Mode

- Close current port

- Prompt user input for port configuration

Open Port

- Open a port according to the passed settings

Connect Mode (default mode when app is not in command mode)

- Monitor window message

- Handle window message

- Pass displayable characters to Write

- Display passed characters from Read

- Go to Command mode when escape character is pressed

- Run another thread for reading

Write

- Passes displayable character to the open port

Read

- Monitor incoming characters from serial port

- Return the characters to Connect Mode to display

Help

- Pop up a message box to display guide for command mode and connect mode

Exit

- Terminate the program