### SOFTWARE REQUIREMENT SPECIFICATON

#### HARDWARE REQUIREMENTS

Minimum hardware requirements are very dependent on the software being developed by a given Enthought Python /Jupyter Notebook and Anaconda user. Applications that need to store large arrays/objects in memory will require more RAM, whereas applications that need to perform numerous calculations or tasks more quickly will require a faster processor.

* + - System : Hp win11 i5 Processor
    - Hard Disk : 200 GB
    - Mouse : HP S500 wireless mouse.
    - Keyboard : 110 keys enhanced
    - Ram : 4GB
* Connectivity : Gigabit Ethernet, Wi-Fi 802.11b/g/n/ac.

#### SOFTWARE REQUIREMENTS (Tools)

The functional requirements or the overall description documents include the product perspective and features, operating system and operating environment, graphics requirements, design constraints and user documentation.

#### O/S : Windows 11.

#### Language : Python

#### Front End : Anaconda Navigator – Jupyter Notebook

#### Tool for Finding Network Traffic : NMAP and Wireshark

#### SYSTEM REQUIREMENTS :

#### A package is a collection of modules, dependencies, and related files that can be used repeatedly in various applications and problems. Packages used in this project are:

* SKLEARN
* TENSORFLOW
* KERAS
* PANDAS & NUMPY