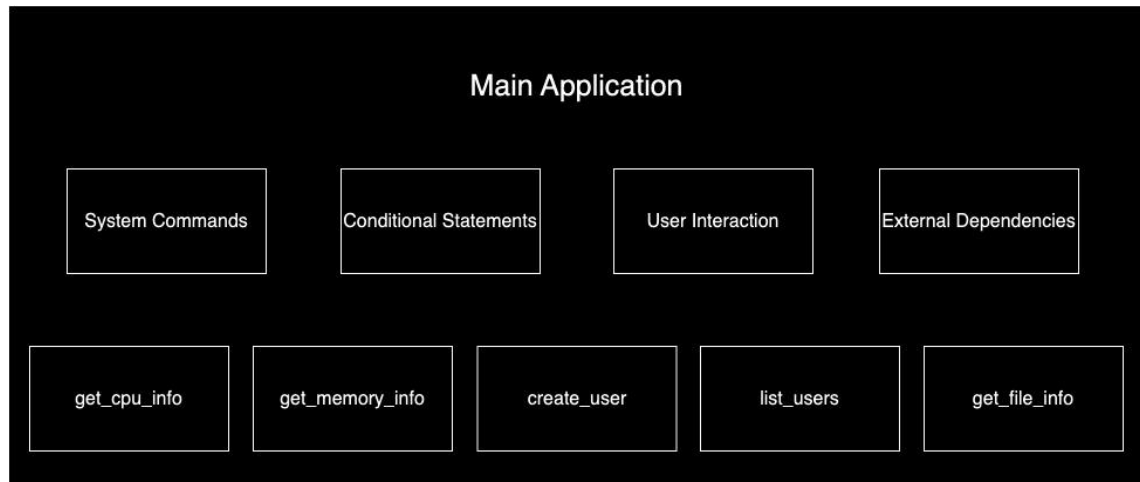


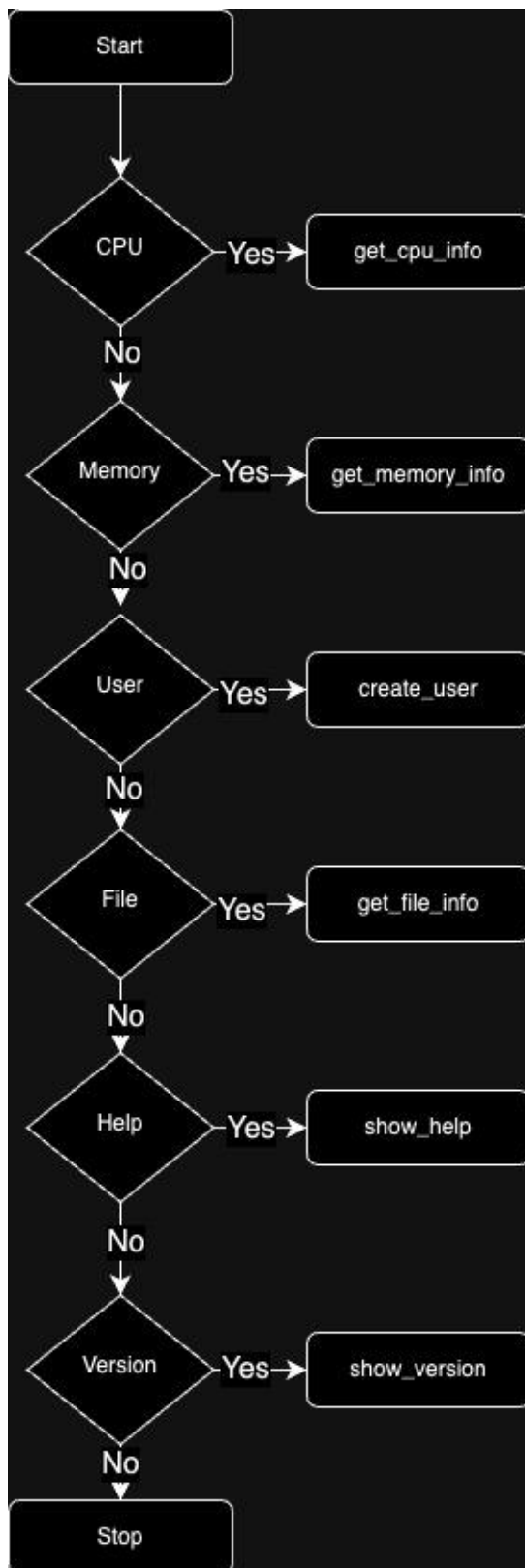
XenonStack

(Task 1:create a custom linux command via bash script)

```
$ cd/mnt/c/Users/Messi/Desktop
```

```
$ sudo chmod +x internsctl.sh
```





```
[GGN-MAC-INT1566:~ int1566$ cd desktop
[GGN-MAC-INT1566:desktop int1566$ chmod +x internsctl.sh
```

Section A

```
$ ./internsctl.sh --help
```

```
(GGN-MAC-INT1566:desktop int1566$ ./internsctl.sh --help
Usage: internsctl [options] <command>
Options:
  --help          Show help information
  --version       Show version information

Commands:
  cpu getinfo      Get CPU information
  memory getinfo   Get memory information
  user create      Create a new user
  user list        List all regular users
  user list --sudo-only List users with sudo permissions
  file getinfo     Get information about a file
  file getinfo [options] <file-name>
    --size, -s      Print file size
    --permissions, -p Print file permissions
    --owner, -o     Print file owner
    --last-modified, -m Print last modified time
```

```
$ ./internsctl.sh --version
```

```
(GGN-MAC-INT1566:desktop int1566$ ./internsctl.sh --version
v0.1.0
```

Section B

Part1 | Level Easy

```
$ ./internsctl.sh cpu getinfo
```

```
(GGN-MAC-INT1566:desktop int1566$ ./internsctl.sh cpu getinfo
Apple M3 Pro
```

```
$ ./internsctl.sh memory getinfo
```

```
(GGN-MAC-INT1566:desktop int1566$ ./internsctl.sh memory getinfo
Mach Virtual Memory Statistics: (page size of 16384 bytes)
Pages free: 24630.
Pages active: 495192.
Pages inactive: 493272.
Pages speculative: 1643.
Pages throttled: 0.
Pages wired down: 108391.
Pages purgeable: 84463.
"Translation faults": 55966920.
Pages copy-on-write: 9554342.
Pages zero filled: 15902430.
Pages reactivated: 109007.
Pages purged: 529773.
File-backed pages: 378673.
Anonymous pages: 611434.
Pages stored in compressor: 48603.
Pages occupied by compressor: 13606.
Decompressions: 6448.
Compressions: 57150.
Pageins: 942251.
Pageouts: 2461.
Swapins: 0.
Swapouts: 0.
```

Part2 | Level Intermediate

```
$ ./internsctl.sh user create <username>
```

```
GGN-MAC-INT1566:desktop int1566$ ./internsctl.sh user create saurav
[Password:
sudo: useradd: command not found
User saurav created successfully.
```

```
$ ./internsctl.sh user list
```

```
GGN-MAC-INT1566:desktop int1566$ ./internsctl.sh user list
daemon
gommtadmin
int1566
mntadmin
nobody
root
saurav
```

```
$ ./internsctl.sh user list --sudo-only
```

```
GGN-MAC-INT1566:desktop int1566$ ./internsctl.sh user list --sudo-only

gommtadmin
int1566
```

Part3 | Advanced Level

```
$ ./internsctl.sh file getinfo <file-name>
```

```
GGN-MAC-INT1566:desktop int1566$ ./internsctl.sh file getinfo hello.txt
File: hello.txt
Access: -rw-r--r--
Size(B): 5
Owner: int1566
Modify: 2024-01-03 18:04:44
```

```
$ ./internsctl.sh file getinfo [option] <file-name>
```

```
--size, -s to print size
--permissions, -p print file permissions
--owner, O print file owner
--last-modified, m
```

```
GGN-MAC-INT1566:desktop int1566$ ./internsctl.sh file getinfo --size hello.txt
5
GGN-MAC-INT1566:desktop int1566$ ./internsctl.sh file getinfo --permissions hello.txt
-rw-r--r--
GGN-MAC-INT1566:desktop int1566$ ./internsctl.sh file getinfo --owner hello.txt
int1566
GGN-MAC-INT1566:desktop int1566$ ./internsctl.sh file getinfo --last-modified hello.txt
2024-01-03 18:04:44
GGN-MAC-INT1566:desktop int1566$ █
```