# USER EXPERIENCE & USER INTERFACE

## Tasks User Can Do

- Able to download data in interactive manner
  - ⤷ fetch most recent data from today
  - ⤷ able to just fetch data from a specific day (eg. Monday 12ᵗʰ August 2020)
- Setup automatic scheduler with cron
  - ⤷ cron will download all new/changed folders since last download

## Command Line Menu Mockup  (basic idea — will improve on)

```
Select an option :
 1. update with all new files since last grab
 2. fetch data from specific day [check format of files]
 3. setup scheduler
```

make sure to validate date
so doesn't crash program

⌐ will need to check if already set up & return different messages

> output will then depend on option chosen

## Graphical User Interface

> will setup if have time but lower priority ∴ just creating plan for now

```
MEDICAL DATA GUI
```

box split into 3 different sections - maybe
3 boxes — to ensure correct format

Download files from    `YYYY/MM/DD`        `Select`  ← button

↑ auto updates to current day for default feature

Box with success or error message for user

Automatic Scheduler    `Running`      ← box is green when scheduler is running and red when it isn't

Would you like to setup the scheduler?    `    `   ← input yes/no

⌐ text only visible when scheduler not running

⤷ Don't yet fully understand how cron scheduler works — this plan will be expanded later in coding process