

Time Management CLI

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Design & Architecture

- Created A CLI application using Python & SQLite
- Took User Requirements into account
- Worked within timeframe & budget

Features: Record

- Record Feature is used to record the user's input data
- It will return a message that will say 'Saved Successfully'

```
(venv) student@nku089007 src % python3 main.py record today 02:00 10:00 'Nothin' :CHILLED  
Stored Successfully
```

Features: Query

- Query Feature is used to search through the data within the database
- User can query by DATE, TAG, or TASK

```
(venv) student@nku089007 src % python3 main.py query :CHILLED  
(1, '2023-12-10', '02:00', '10:00', 'Nothin', ':CHILLED')  
(2, '2023-12-10', '02:00', '10:00', 'Nothin', ':CHILLED')
```


Features: Priority

- Priority Feature allows the user to see what they've been doing the most out of all their tasks and how long they do it in a matter of hours and minutes

```
(venv) student@nku089007 src % python3 main.py priority  
( 'Nothin', 7.999999992549419, 59)
```

Features: Report

- Report Feature allows users to see the inputted data between the dates they select

```
(venv) student@nku089007 src % python3 main.py report 2022/12/10 2023/12/10  
(1, '2023-12-10', '02:00', '10:00', 'Nothin', ':CHILLED')  
(2, '2023-12-10', '02:00', '10:00', 'Nothin', ':CHILLED')
```


Progress

Beginning Lines of Code: 0

Ending Lines of Code: 1763

Final Burndown: 100%

Final Test Coverage: 100%