



TIME TRACKING APP

V1 Features

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Introduction

```
What would you like to do?  
Enter 1 to input information.  
Enter 2 to search for information.  
Enter your choice 1 - 2: █
```

- Select 1 to create new record
- Select 2 to search database

Tasked with creating a time tracking app that allows a user to input records or search by task, tag, or time.

Record Creation

```
What would you like to do?  
  
Enter 1 to input information.  
Enter 2 to search for information.  
Enter your choice 1 - 2: 1  
Enter Date (YYYY/MM/DD): 2023/01/01  
Enter Time from (HH:MM AM/PM): 11:00 am  
Enter Time to (HH:MM AM/PM): 11:00 pm  
Enter Task: study  
Enter Tag: school  
Time recorded successfully!
```

- When creating a new record you are asked to input date, time, name of task, and the tag.
- A message displays indicating successful record creation.

Search Functionality

```
What would you like to do?
Enter 1 to input information.
Enter 2 to search for information.
Enter your choice 1 - 2: 2
Choose the type of query:

Date
Task
Tag
Enter your choice (date, task, or tag): date
Enter the date: 2023/01/01

Query Results:
(2, '2023/01/01', '11:00', '23:00', 'study', 'school')
```

- After selecting option 2 user can search database by typing one of the following:

Date

Task

Tag

- It will display the results for the specified query.

Test Completion

- 1 regression test completed
- 2 integration tests completed
- 2 acceptance tests completed
- 11 unit tests completed

```
===== test session starts =====
platform linux -- Python 3.10.13, pytest-7.4.3, pluggy-1.3.0
rootdir: /workspaces/ASE420-Individual-Project
plugins: anyio-4.0.0
collected 11 items

test/test_utility.py ..... [100%]

===== 11 passed in 0.47s =====
```