"Stay Organized, Anywhere, Anytime - Your Personal Digital Planner!"

Digital Planner

TEAM MEMBERS :

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```
Enter the month (1-12): 7
        July 2023
Mon Tue Wed Thu Fri Sat Sun
                        1   2
  3   4   5   6   7   8   9
 10  11  12  13  14  15  16
 17  18  19  20  21  22  23
 24  25  26  27  28  29  30
 31

--- Digital Planner Menu ---
1. Display Calendar
2. Add Task
3. Display Tasks
4. Remove Task
5. Clear All Tasks
0. Logout
Please select an option: ▌
```

```python
1    import calendar
2
3    class DigitalPlanner:
4        def __init__(self):
5            self.calendar = calendar.Calendar()
6            self.tasks = {}
7
8        def add_task(self, date, task):
9            if date not in self.tasks:
10               self.tasks[date] = []
11           self.tasks[date].append(task)
12
13       def remove_task(self, date, task):
14           if date in self.tasks:
15               if task in self.tasks[date]:
16                   self.tasks[date].remove(task)
17                   if len(self.tasks[date]) == 0:
18                       del self.tasks[date]
19
20       def display_tasks(self, date):
21           if date in self.tasks:
22               print(f"Tasks for {date}:")
23               for i, task in enumerate(self.tasks[date], 1):
24                   print(f"{i}. {task}")
25           else:
26               print("No tasks found for this date.")
27
28       def display_calendar(self, year, month):
29           cal = self.calendar.monthdayscalendar(year, month)
30           header = calendar.month_name[month] + " " + str(year)
31           print(f"{header.center(20)}")
32           print("Mon Tue Wed Thu Fri Sat Sun")
33           for week in cal:
34               for day in week:
35                   if day == 0:
36                       print("    ", end="")
37                   else:
38                       tasks_indicator = " " if str(day) not in self.tasks else "*"
39                       print(f"{day:2d}{tasks_indicator}", end=" ")
```

https://github.com/ksu-is/digitalplanner/tree/main