

REQUIREMENTS AND ITS OUTPUT

Task Creation

```
Welcome to Astronaut Daily Schedule Organizer
Choose an option:
1. Add Task
2. Remove Task
3. View Tasks
4. Exit

1
Enter Task Description: Morning Exercise
Enter Start Time (HH:MM): 07:00
Enter End Time (HH:MM): 08:00
Enter Priority (High/Medium/Low): High

Task Added Successfully.
```

```
> Enter Task Description: Morning Exercise
> Enter Start Time (HH:MM): 07:00
> Enter End Time (HH:MM): 08:00
> Enter Priority (High/Medium/Low): High

Task Added Successfully:
Description: Morning Exercise
Start Time: 07:00
End Time: 08:00
Priority: High
Status: Pending
```

Task Removal

```
> Enter Task Description to Remove: Morning Exercise

Task Removed Successfully:
Description: Morning Exercise
```

View Tasks

```
> View All Tasks

Tasks:
07:00 - 08:00: Morning Exercise [High]
09:00 - 10:00: Team Meeting [Medium]
```

Task Conflict

```
> Add Task
> Enter Task Description: Training Session
> Enter Start Time (HH:MM): 09:30
> Enter End Time (HH:MM): 10:30
> Enter Priority (High/Medium/Low): High

Error: Task conflicts with existing task "Team Meeting".
```

Task Saving and Loading

```
> Save Tasks to File

Tasks Saved to File Successfully.

> Load Tasks from File

Tasks Loaded from File:
07:00 - 08:00: Morning Exercise [High]
09:00 - 10:00: Team Meeting [Medium]
```

Task Reminder

```
> Set Reminder
> Enter Task Description: Lunch Break
> Enter Reminder Time (HH:MM): 11:50

Reminder:
Task "Lunch Break" is starting in 10 minutes.
```

Logging

```
[2024-07-28 12:00:00] Task Added: "Lunch Break" from 12:00 to 13:00
[2024-07-28 12:15:00] Task Removed: "Morning Exercise"
```

User Profiles

```
User Profiles:
User: Astronaut1
Tasks: [Morning Exercise, Team Meeting]
```