

## 1.User Authentication

### Registration :

```
Welcome to Task Manager!  
1. Register  
2. Login  
Enter your choice: 1  
Enter a username: Rick  
Enter a password: Rick  
Registration successful!
```

```
Welcome to Task Manager!  
1. Register  
2. Login
```

```
Enter your choice: 
```

### Validation

```
Welcome to Task Manager!  
1. Register  
2. Login  
Enter your choice: 1  
Enter a username: Rick  
Enter a password: Rick  
Username already exists. Please choose a different username.
```

```
Welcome to Task Manager!  
1. Register  
2. Login
```

```
Enter your choice: 
```

### Login

```
Welcome to Task Manager!  
1. Register  
2. Login  
Enter your choice: 2  
Enter your username: Rick  
Enter your password: Rick  
Login successful!
```

## 2.Task Management

### Add Task

```
Menu:  
1. Add Task  
2. View Tasks  
3. Mark Task as Completed  
4. Delete Task  
5. Logout  
Enter your choice: 1  
Enter task description: Requirement gathering for Problem statement  
Task added successfully!
```

## View Task

```
.....

Menu:
1. Add Task
2. View Tasks
3. Mark Task as Completed
4. Delete Task
5. Logout
Enter your choice: 2
ID: f6718046, Description: Requirement gathering for Problem statement, Status: Pending
ID: 13a6438b, Description: Solution Design Diagram, Status: Pending
ID: 4521efcb, Description: Code Implementation and Development, Status: Pending
ID: f6705d7d, Description: test all scenarios, Status: Pending
ID: d8914629, Description: Commit Changes, Status: Pending
```

## Mark As Completed

```
Menu:
1. Add Task
2. View Tasks
3. Mark Task as Completed
4. Delete Task
5. Logout
Enter your choice: 2
ID: f6718046, Description: Requirement gathering for Problem statement, Status: Completed
ID: 13a6438b, Description: Solution Design Diagram, Status: Pending
ID: 4521efcb, Description: Code Implementation and Development, Status: Pending
ID: f6705d7d, Description: test all scenarios, Status: Pending
ID: d8914629, Description: Commit Changes, Status: Pending

Menu:
1. Add Task
2. View Tasks
3. Mark Task as Completed
4. Delete Task
5. Logout
Enter your choice: 3
Enter the task ID to mark as completed: 13a6438b
Task marked as completed.
```

## Delete a Task

```
Menu:
1. Add Task
2. View Tasks
3. Mark Task as Completed
4. Delete Task
5. Logout
Enter your choice: 4
Enter the task ID to delete: f6718046
Task deleted.

Menu:
1. Add Task
2. View Tasks
3. Mark Task as Completed
4. Delete Task
5. Logout
Enter your choice: 2
ID: 13a6438b, Description: Solution Design Diagram, Status: Completed
ID: 4521efcb, Description: Code Implementation and Development, Status: Pending
ID: f6705d7d, Description: test all scenarios, Status: Pending
ID: d8914629, Description: Commit Changes, Status: Pending
```

## Logout

Menu:

1. Add Task
2. View Tasks
3. Mark Task as Completed
4. Delete Task
5. Logout

Enter your choice: 5