ToDoApp

+start(): void
+shutdown(): void

task

+id :String

#description :String

-priority :String

+category :String

+add_subtask()
+remove_subtask()
+mark_completed()
+set_reminder()

User

+username: string
+password: string

+addName()
+addPasword()

manages users

TaskList

+name: string
+tasks: List~Task~

+addTask(task: Task): void
+removeTask(task: Task): void
+getCompletedTasks(): List~Task~
+getPendingTasks(): List~Task~

has

Task

+description: string
+isComplete: boolean
+deadline: DateTime

-updateStatus(isComplete: boolean):
void

contains tasks

to-do application

user

system

- add task
- delete task
- marke completed task
- set task duration
- set alarm
- Task delay alert
- get help
- Suggestions