Format

Class Name	
Responsibilites	Collaborators

Clean Architecture type (by row)

Entities:

Task	Abstract
Responsibilites	Collaborators
Date: DateRange	To-do list
Time: TimeRange	TaskTracker
Priority: String	DateRange
Remind: TimeToRemind	TimeRange
Name/Description:	TimeToRemind
List of SubTasks: ArrayList	TaskList
Evaluation: String	Timeline
finished: bool	Text
Recurring : bool	
All day: bool	

DateRange	Date
Responsibilites	Collaborators
StartDate: LocalDate	
End Date: LocalDate	

TimeRange	Time
Responsibilites	Collaborators
StartTime: LocalTime	
EndTime: LocalTime	

TimeToRemind	
Responsibilites	Collaborators
RemindingDate: LocalDate	
RemidingTime: LocalTime	

TaskList	Storable
Responsibilites	Collaborators
Lists of tasks: ArrayList	TaskTracker
To string	TaskListPrinter

OneTime	
Responsibilites	Collaborators

AllDay	Status
Responsibilites	Collaborators

EditStrategy	Interface
Responsibilites	Collaborators

EventTask	Task
Responsibilites	Collaborators
Name	Task
Description	
Finished: bool	
Date: DateRange	
Time: TimeRange	

TodoTask	Task
Responsibilites	Collaborators
Name	Task
Description	
Finished: bool	
Time: TimeRange	

SuggestionList	Storable
Responsibilites	Collaborators
Lists of tasks: ArrayList	Suggestor
To string	SuggestionPrinter

Timeline	Storable
Responsibilites	Collaborators
Map of Tasks: HashMap<Time, Task>	TimelineManager
To string	Task
	TimelinePrinter

EventTask	Task
Responsibilites	Collaborators

Recurring	Status
Responsibilites	Collaborators

TaskObserver	Interface
Responsibilites	Collaborators

AlarmClock	
Responsibilites	Collaborators
Duration	Pomodoro
Alarm Sound	

Status	Abstract
Responsibilites	Collaborators
Update	
Get value	

Date	Abstract
Responsibilites	Collaborators
getDate	
SetDate	
getStartDate	
getEdnDate	

Time	Abstract
Responsibilites	Collaborators
LocalTime	
setTime	
getStartTime	
getEndTime	
SetEndTime	
isNow	

TaskPriority	Text
Responsibilites	Collaborators

TaskDescriptions	Text
Responsibilites	Collaborators

TaskPriority	Text
Responsibilites	Collaborators

Text	Abstract
Responsibilites	Collaborators
Name	
Description	

oneDay	Date
Responsibilites	Collaborators
toString	

SubTask	Task
Responsibilites	Collaborators

TaskName	Text
Responsibilites	Collaborators

Finished	Status
Responsibilites	Collaborators

Date	
Responsibilites	Collaborators

Storable	Interface
Responsibilites	Collaborators

Use cases:

TaskTracker	
Responsibilites	Collaborators
Add/Delete/Edit Task	Task
AddToTime	Timeline
	UserFunctions
	CSVManager
	TaskList
	TaskEditor

Suggestor	
Responsibilites	Collaborators
Read Tasks	TaskList
Sort by date	SuggestionList
Sort by priority	
Create SuggestionList	

TimelineManager	
Responsibilites	Collaborators
Change task time	UserFunctions
Check overlapping	TaskTracker
	CSVManager
	Timeline
	TaskEditor

StartPomodoro	
Responsibilites	Collaborators
Start AlarmClock	AlarmClock
Total/Partial Pomodoro Count	UserFunctions
Reset count	

TaskStorer	Interface
Responsibilites	Collaborators
Read File	
Write File	

TaskEditor	Abstract
Responsibilites	Collaborators
Make/Delete/Edit Task	TaskTracker

EditTaskText	
Responsibilites	Collaborators

EditTime	
Responsibilites	Collaborators

TaskAttributes	
Responsibilites	Collaborators
AllDay	
Finished	
Recurring	

Adapters:

CSVManager	TaskStorer
Responsibilites	Collaborators
Write file	Timeline
Read file	TaskTracker
Getter	UserFunctions

TaskListPrinter	Printer
Responsibilites	Collaborators
Call toString	TaskList

TimelinePrinter	Printer
Responsibilites	Collaborators
Call toString	Timeline

SuggestionPrinter	Printer
Responsibilites	Collaborators
Call toString	SuggestionList

Printer	Abstract
Responsibilites	Collaborators
Call toString	Suggestor

Interfaces:

UserFunctions	
Responsibilites	Collaborators
Make/Delete/Edit task	CSVManager
Print Timeline	Pomodoro
Print TaskTracker	Suggestor
Print suggestion	TimelinePrinter
Start/Stop Pomodoro	TaskTrackerPrinter
Print system message	SuggestionPrinter
	TaskEditor