Class Name Attributes Methods

Task

- -mainProgram : TaskerCli
- -title : String
- -employeeEmail: String
- -startDate: Date
- -completeDate : Date
- -status : Status
- -elements : String[]
- -comments : String[]
- -taskPanel: TaskPanel
- +Task(TaskerCli taskerCli)
- +void initialiseTaskPanel()
- +void hideTaskPanel()
- +void updateTask(String[]

newComments, Status newStatus)

Status: Enum

TaskerCli

- -tasks : Task[]
- -synchroniser: Syncrhoniser -loginScreen: LoginScreen

-mainScreen: MainScreen

- +TaskerCli()
- -void initialiseLoginScreen()
- +void login(String userEmail)
- -void initialiseMainScreen(Task[]
- tasks)
- +void saveChanges()

NoTasksException:

There is data for the user either locally or online, but no tasks **InvalidEmailException**:

No data for the user

tasks = retrieveTasksFromLocal;

Synchroniser

- -employeeEmail : String
- -mainProgram : TaskerCli
- +Synchroniser(TaskerCli taskerCli, String userEmail)
- +Task[] retrieveTasksFromLocal()
- +Task[] synchroniseTasks(Task[]
- tasks) throws NoTasksException, throws InvalidEmailException
- -void saveToLocal(Task[] tasks)
- -void saveToSvr(Task[] tasks)
- /*Cancels current invoked method and starts a new one. Invoke: calls
- a function after x minutes*/
- -void invokeSynchronise(Task[]

TaskerCli

-tasks : Task[]

-synchroniser: Syncrhoniser

-loginScreen: LoginScreen

-mainScreen : MainScreen

- +TaskerCli()
- -void initialiseLoginScreen()
- +void login(String userEmail)
- -void initialiseMainScreen(Task[]

tasks)

+void saveChanges()

MainScreen	

LoginScreen

Task

-mainProgram : TaskerCli

-title : String

-employeeEmail: String

-startDate : Date

-completeDate : Date

-status : Status

-elements : String[]

-comments : String[]

-taskPanel : TaskPanel

+Task(TaskerCli taskerCli)

+void initialiseTaskPanel()

+void hideTaskPanel()

+void updateTask(String[]

newComments, Status newStatus)

TaskPanel