

CRC Cards

Entities:

Task		NOT abstract	
		Folder	Project, Label
Attributes: <input type="checkbox"/> name <input type="checkbox"/> due day <input type="checkbox"/> description (optional, depends on user) <input type="checkbox"/> project <input type="checkbox"/> labels Methods: <ul style="list-style-type: none">• get name, set name• get due date, set due date• set description• get project, set project• get labels	Project Label	Attributes: <input type="checkbox"/> name <input type="checkbox"/> a collection of tasks Methods: <ul style="list-style-type: none">• get name, set name• get tasks• add a task, delete a task	Task
Project		Folder	
		Label	

Use cases:

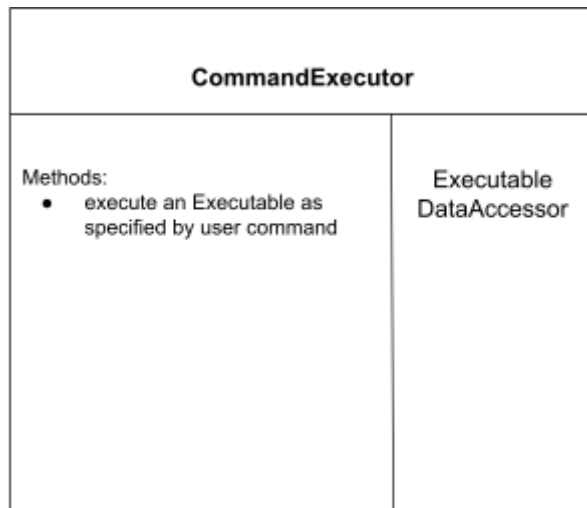
<div>Interface</div> <div>Executable</div> <div>Methods:<ul style="list-style-type: none">execute: take user arguments and DataAccessor, execute the command</div>	<div>Implements Executable</div> <div>NewTask</div> <div>Methods:<ul style="list-style-type: none">execute: create a new task and put it into Inbox</div> <div>Task TodoSystem DataAccessor</div>
<div>Implements Executable</div> <div>Upcoming</div> <div>Methods:<ul style="list-style-type: none">execute: return a sorted list of all tasks</div> <div>Task TodoSystem DataAccessor</div>	<div>Implements Executable</div> <div>CompleteTask</div> <div>Methods:<ul style="list-style-type: none">Execute: delete an existing task</div> <div>Task TodoSystem DataAccessor</div>
<div>Implements Executable</div> <div>Star</div> <div>Methods:<ul style="list-style-type: none">execute: add task to the Starred label</div> <div>Task Label TodoSystem DataAccessor</div>	<div>Implements Executable</div> <div>Unstar</div> <div>Methods:<ul style="list-style-type: none">execute: delete task from the Starred label</div> <div>Task Label TodoSystem DataAccessor</div>

<p>Implements Executable</p> <p>Rename</p> <p>Methods:</p> <ul style="list-style-type: none"> execute: rename a task 	<p>Task</p> <p>TodoSystem DataAccessor</p>
<p>Implements Executable</p> <p>Retime</p> <p>Methods:</p> <ul style="list-style-type: none"> execute: modify the due date of a task 	<p>Task</p> <p>TodoSystem DataAccessor</p>
<p>Implements Executable</p> <p>Redesc</p> <p>Methods:</p> <ul style="list-style-type: none"> execute: modify the description of a task 	<p>Task</p> <p>TodoSystem DataAccessor</p>
<p>Implements Executable</p> <p>Reproj</p> <p>Methods:</p> <ul style="list-style-type: none"> execute: move a task to a different project 	<p>Task</p> <p>Project TodoSystem DataAccessor</p>
<p>Implements Executable</p> <p>AddTaskLab</p> <p>Methods:</p> <ul style="list-style-type: none"> execute: add a task to a label 	<p>Task</p> <p>Label TodoSystem DataAccessor</p>
<p>Implements Executable</p> <p>DelTaskLab</p> <p>Methods:</p> <ul style="list-style-type: none"> execute: delete a task from a label 	<p>Task</p> <p>Label TodoSystem DataAccessor</p>

Implements Executable NewProj		Implements Executable ModProj	
Methods: <ul style="list-style-type: none"> execute: create a new project 	Project TodoSystem DataAccessor	Methods: <ul style="list-style-type: none"> execute: modify project name 	Project TodoSystem DataAccessor
Implements Executable DelProj		Implements Executable ViewProj	
Methods: <ul style="list-style-type: none"> execute: delete an existing project 	Project TodoSystem DataAccessor	Methods: <ul style="list-style-type: none"> execute: return a sorted list of tasks in an existing project 	Project TodoSystem DataAccessor
Implements Executable ListProj			
Methods: <ul style="list-style-type: none"> execute: return a sorted list of existing projects 	Project TodoSystem DataAccessor		

Implements Executable NewLab		Implements Executable ModLab	
Methods: <ul style="list-style-type: none"> execute: create a new label 	Label TodoSystem DataAccessor	Methods: <ul style="list-style-type: none"> execute: modify label name 	Label TodoSystem DataAccessor
Implements Executable DelLab		Implements Executable ViewLab	
Methods: <ul style="list-style-type: none"> execute: delete an existing label 	Label TodoSystem DataAccessor	Methods: <ul style="list-style-type: none"> execute: return a sorted list of tasks in an existing label 	Label TodoSystem DataAccessor
Implements Executable ListLab			
Methods: <ul style="list-style-type: none"> execute: return a sorted list of existing labels 	Label TodoSystem DataAccessor		

Controllers:



Driver & database:

