

CRC Cards

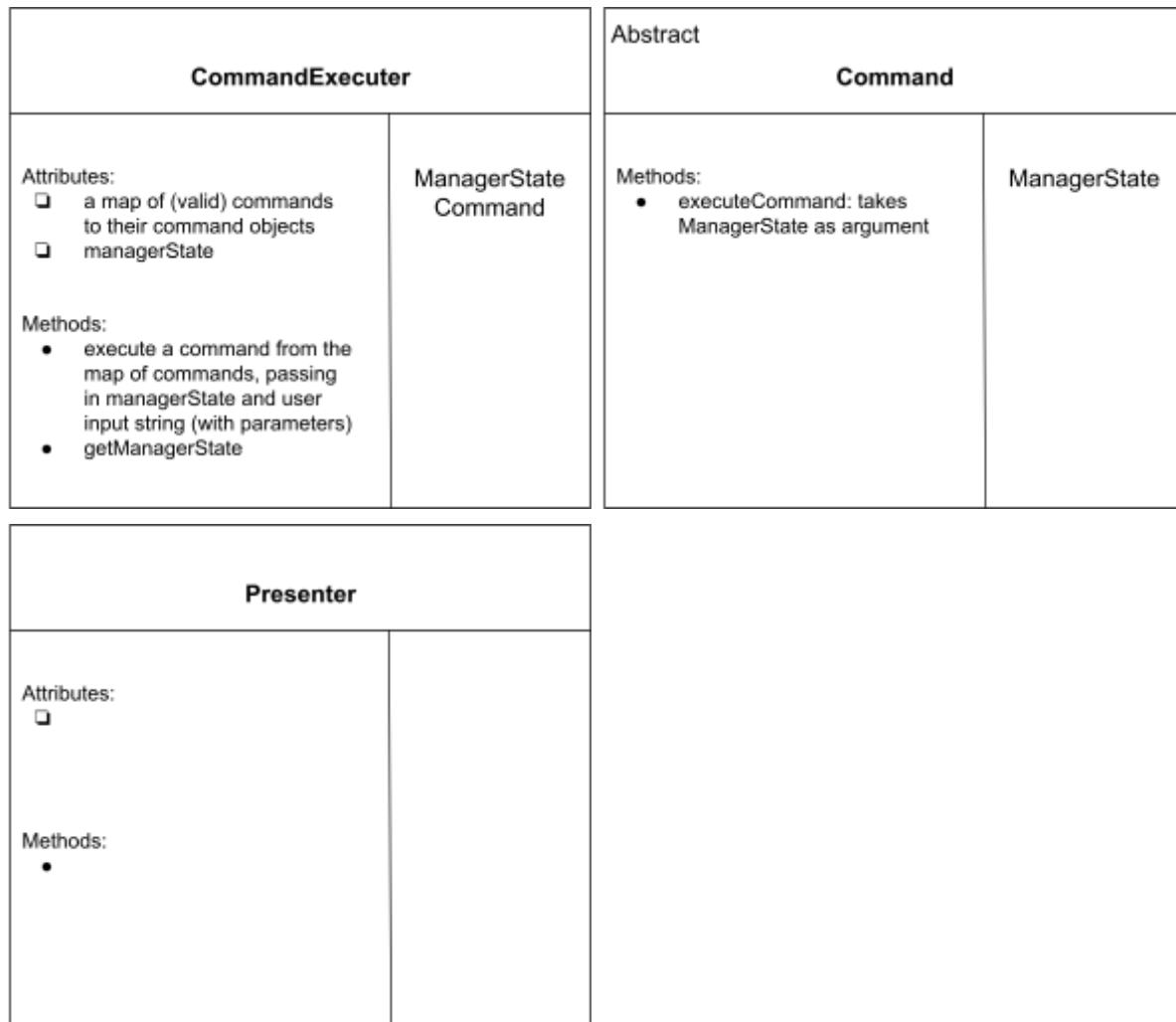
Entities:

Task		NOT abstract Folder Project, Label	
Attributes: <ul style="list-style-type: none">❑ name❑ due day❑ description (optional, depends on user)❑ project❑ (priority) Methods: <ul style="list-style-type: none">• getName, setName• getTime, setTime• getDesc, setDesc• getProj, setProj	Project	Attributes: <ul style="list-style-type: none">❑ name❑ a collection of tasks❑ renameable (bool)? Methods: <ul style="list-style-type: none">• getName, setName (throw exception)• viewTasks (from chronological order)• addTask, delTask	Task
Project		Folder	
Attributes: <ul style="list-style-type: none">❑ Methods: <ul style="list-style-type: none">••	Task	Label	
		Folder	
		Attributes: <ul style="list-style-type: none">❑ Methods: <ul style="list-style-type: none">••	Task

Use cases:

ProjectManager		LabelManager	
Attributes: <ul style="list-style-type: none">❑ a collection of all projects❑ Inbox Methods: <ul style="list-style-type: none">• addProj, modProj, delProj, viewProj• listProjs: return a sorted list of all projects• getProj: return a project by name	System Project	Attributes: <ul style="list-style-type: none">❑ a collection of all labels❑ Starred Methods: <ul style="list-style-type: none">• addLab, modLab, delLab, viewLab• listLabs: return a sorted list of all labels• getLab: return a label by name	System Label
TaskManager		ManagerState	
Attributes: <ul style="list-style-type: none">❑ a collection of all tasks (mapping names to tasks)❑ projManager, labManager Methods: <ul style="list-style-type: none">• upcoming: return a sorted list of all tasks• createTask, completeTask• star, unstar• rename, redesc, retime• reproj, tasklabadd, tasklabdel	System Task	Attributes: <ul style="list-style-type: none">❑ taskManager❑ projManager❑ labManager Methods: <ul style="list-style-type: none">• get each of the three managers•	TaskManager ProjectManager LabelManager

Controllers:



Driver:

