Project: Librarian

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# *Sprint Details*

## **Composition**

### Plans and Objectives:

#### What am I going to do?

* Remodel Front end
  + Model with state design pattern
  + Model with command design pattern
* Remodel Backend
  + Model with State Design pattern
  + Model with Command design pattern
  + Model with strategy design pattern
  + Template design pattern
* Refactor Frontend
  + Adjust code and add comments
* Refactor Backend
  + Adjust code and add comments

Execute and Test:

#### What did I do and Is it working?

I implemented State Desing Pattern and Strategy Design Pattern.  
I have added Comments to all of the code.   
Everything is working, and working fine.

Review:

#### What have I learned and what to do next?

I have learned that what might be beneficial is to add a new organization strategy that is non recursive.   
  
The recursive nature of the organization seems to have less success the more subdirectories it must organize. Therefore we should try a non recursive organization strategy and give both options to the user. This is what we will do in the 3rd sprint of the project. Then goal is for 4th sprint is to work on UI design of the project. After this is done we want to have 5th sprint for testing and creating the actual app its self. This app will is what people can download. So my goal is to have all of this done by the time summer is over and have a nice simple and pretty native folder organizer app made.