Project: Librarian

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# *Sprint 2 Backlog*

Things I learned from sprint 1:

## **List of items that need to be completed.**

* Remodel
  + How can the frontend be modeled?
    - Model the frontend
      * The front end can be broken down into different states that follow the flowchart. We should model this front end to follow the state design pattern. Also the functionality of the button need to be modeled with the command pattern.
  + How can the backend be modeled?
    - Model the backend
      * The front end can also be broken down into different states that follow the flow chart. We can also model this with the state design pattern. Again we should do the same with the command design patter. Additionally, we want to implement strategy patterns where we are doing something that might be able to be done differently. This can include prompt generation, response parsing, what type of organization the user wants performed, also we can consider user confirmation. Another design pattern that should be used is the template pattern, we can use this when we have something that we already know the general flow of, for example the prompt generation can use the template pattern, we need to have a heading, body, and footer.
* Refactor
  + We can take the newly created models and adjust our code, add new comments and reduce chaos in the app.