

Team ("Baratheon") Project #1 Proposal

Project Title

- "Medicine Cabinet"

Team Members

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Project Description

store user's current medications in "to-do" style list, check medications for contraindications, allow users to check symptoms

Sketch of Final Product

The sketch illustrates the final product layout, divided into two main sections. A red arrow points from the 'Add to cabinet' button in the left section to the 'medicine cabinet' list in the right section.

Left Section (Form):

- Enter medication (#3 api)** (text input field)
- spellchecker** (text input field)
- Price (#1 api)** (text input field)
- Display top conditions (#2 api)** (text input field)
 - 1. Diabetes
 - 2. Sickness
 - 3. mailaise
- Display side top side effects** (text input field)
 - Side effect 1
 - Side effect 2
 - Side effect 3
 - Side effect 4
 - Side effect 5
- Usage info** (text input field)
- Dosage?** (text input field)
- Add to cabinet** (button)

Right Section (Medicine Cabinet):

- "medicine cabinet"** (header)
- [X] Medication 1**
- [X] Mediation 2**
- [X] Medication 3**
- [X] Medciation 4**
- Schedule (track usage until done?)** (text input field)
- Optional** (text input field)

APIs to be Used

1. General medicine information
2. <https://www.goodrx.com/developer/documentation#drug-search>
3. Spellcheck
<https://www.programmableweb.com/api/national-library-medicine-chemspell>
4. Price information
<https://www.goodrx.com/developer/documentation#compare-price>

Rough Breakdown of Tasks

1. Create rough, shared HTML layout
2. Create generic event handler code for user inputs
3. Create generic data while working on separate API code samples
4. Code and test input validation using new framework/library
5. Integrate all pieces into single draft
6. Polish UI (use alternate CSS framework? Modal framework/library?)
7. Refactor as necessary, time permitting
8. Practice presentation