GoodRx Core User Flow Monitoring

We would like you to build an automated alerting system that will warn us when various parts of our core user flows are broken.

After receiving this prompt, please email your results to HR within a day or two. If you need more time, please let us know. Please do not place your code on a publicly accessible repository.

Don't worry about completing the entire prompt! Ideally you get to step 8, but we're just as interested in your design as we are in completeness.

You are free to use whatever language, framework, service you like. However, please ensure whatever you use is easy to setup and run on any machine, as we will attempt to run your code as part of verifying your solution.

1. Type "Amoxicillin" into the home page and select the first result in the suggestions dropdown that appears.

2. You'll land on the GoodRx price page. Take time to explore this page and understand how it works.

Notice the dropdown menu items under the drug description box at the top. We'll call this the "prescription settings" panel.
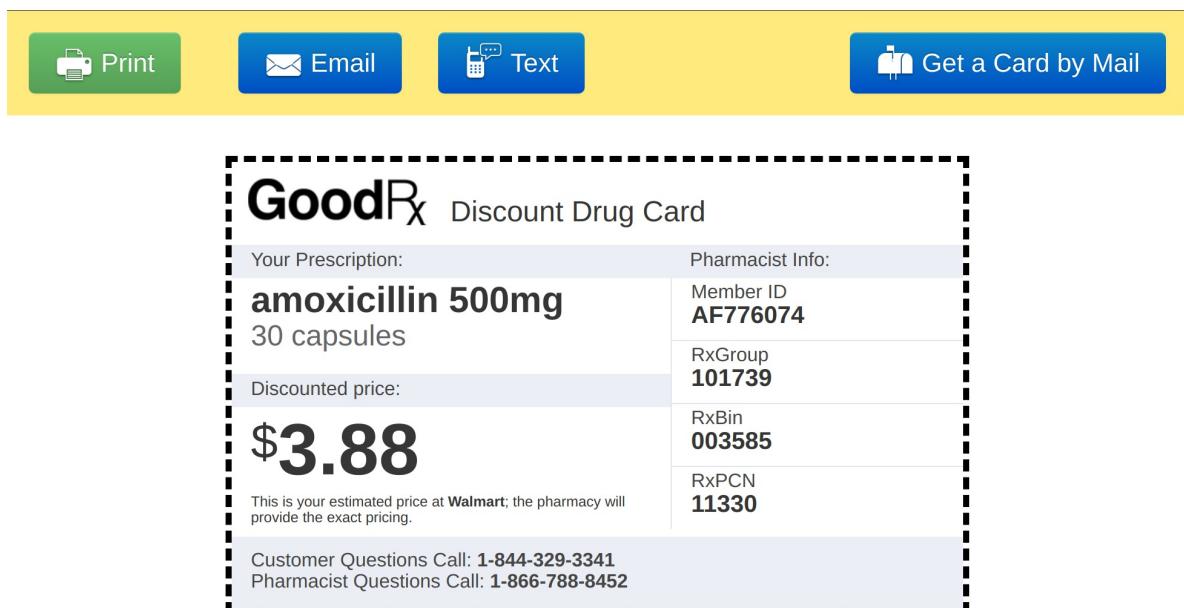
Notice the row of prices with store names. These are "price rows". There are different types of prices, but for now we'll focus on the green buttons, ie. the ones that say "Get Free Coupon" or "Get Free Discount".

3. For each price row with a green button (ie. a coupon price):

4. Click on the button

5. Verify that the price on the price row matches the one shown on the new page (this new page is the "coupon" page) and the store name matches.

🖨 Print   ✉ Email   📱 Text   📫 Get a Card by Mail

GoodRx Discount Drug Card

Your Prescription:

amoxicillin 500mg
30 capsules

Discounted price:

$3.88

This is your estimated price at **Walmart**; the pharmacy will provide the exact pricing.

Pharmacist Info:

Member ID
AF776074

RxGroup
101739

RxBin
003585

RxPCN
11330

Customer Questions Call: **1-844-329-3341**
Pharmacist Questions Call: **1-866-788-8452**

Print this free discount card and hand it to your pharmacist.

Frequently Asked Questions

What if my pharmacy cannot process this coupon?

If your pharmacy is unable or unwilling to process your coupon, please call 1-844-329-3341. Most issues can be resolved quickly.

Can I use the coupon with my health insurance?

Remember...this discount card:

- Will work at other pharmacies (price may vary).
- Can be used for all of your family's prescriptions.
- Has no fees or obligations. It's free to use.

For the Pharmacist

6. Output the test results in some meaningful report. This is meant to be sent to not only developers, but other stakeholders, such as product managers. So the errors should be clear and simple.

7. Now that you've played with our website a bit, please come up with a test case of your own that you believe is critical and describe the flow. You don't have to write code for this part!

8. Repeat steps 1-6 for the following additional drugs:

   - Advil
   - True Metrix

- Vicodin

Note: The flow for Advil is slightly different, as it is an Over-the-Counter drug. When you click on the coupon button, you will be prompted with a modal to confirm how to use the coupon.

Note: "Vicodin" is a controlled drug and thus we do not show prices on the coupon page, even though we show prices on the price page.

9. We'd like to run these tests against different environments (eg. a dev testing environment). Please adjust your code to enable this use case.

10. Lets go back to the prescription settings panel.

The dropdown options are for the "label" (different brand/generic equivalent drugs), the form (eg. tablet), the dosage, and quantity.

Note: Some drugs do not have dosages and thus the dosage option will be hidden.

11. For each option (excluding quantity) in the prescription settings panel:

12. Click on the menu, select the option, and then repeat steps 3-5.

Notes

We are currently running an AB-test on our price page. While developing your test you may see CSS selectors change. To ensure you always fall in the same bucket, add the following cookie to all your browser sessions:

```
grx_internal_user = true
```

Research the appropriate API calls necessary to do this for the framework/tools that you choose to use. For example, WebDriver would look something like:

```python
# Python code
driver.manage().add_cookie({
    'name': 'grx_internal_user',
    'value': 'true',
})
# The page must be reloaded so the cookies actually get set
driver.navigate().refresh()
```

Ref: http://www.seleniumeasy.com/selenium-tutorials/how-to-handle-cookies-in-selenium-

webdriver