

Quality Engineer Coding Problem:

Nature of the Game:

Hello from Gojek,

We want to evaluate how you think as a tester/programmer and the [level of craft](#) you bring while writing test automation.

Overall we are looking for not just whether you can solve the problem but **HOW** you solve the problem and your Object oriented design skills

Rules of the Game:

1. You have two full days to solve this problem.
2. You can either automate these in Web or mobile browser using a UI test framework of your choice (Preferably Selenium/Appium)
3. You can choose the language stack of your choice and write tests using any Unit test or BDD framework. Few suggestions (Java, TestNG, Cucumber JVM or Python, pytest, behave)
4. Please ensure you create a local git repository and write frequent commits to give us an idea of how your solution evolved and give us a tarball or standard zip of your source code
5. Please ensure you write modular and clean code with good naming conventions followed
6. We are interested in seeing how you make assumptions while writing code and if a particular aspect is not defined in the problem statement then what you do is *your choice*
7. Please do not make this problem statement or your solution publicly available by syncing with a Remote Git repository on Github/GitLab or by posting on public forums or blogs.

Problem Statement:

Please investigate www.amazon.com website and write a UI automation framework covering below scenarios:

Prerequisite: Please create a dummy Google and amazon account to automate this and share the password as part of the solution

Must have [Required]

1. Perform a simple login and logout flow on the site
2. Select Departments section > Electronics > Headphones > Select first available headphone and Add to cart
3. Search for Macbook pro from Search bar and select 2nd available product and add to cart with Qty as 2
4. Select cart from home and remove the earlier added headphones
5. Reduce the quantity of the macbook pro product to 1 and proceed to checkout
6. Data drive/parameterize to search for multiple different products via search bar
7. Implement a reporting framework of your choice to display the test results

Good to have [Optional]

1. Setup to run these cases in parallel