




Welcome to the GoBear **Software Engineer in Test** assessment!

This assessment will test your knowledge and level of comfort in testing (manual and automation). It comprises 2 challenges, which you should complete within 2 to 3 hours.

Some things to keep in mind:

- There is no right or wrong answer. That being said, if requirements given in instructions are not followed, the candidate can be disqualified at GoBear's discretion;
- It is fine to search online or seek help, but the assignment should only be done by the candidate. (There will be a face to face interview to review the solution as well, should the solution be satisfactory);
- You should be able to explain the choice of methodology & tools;
- Unit and integration tests are being written by the developers;
- You should be able to complete the assignment without further information. However, if you do have questions, write them down to discuss during the interview;
- Have fun!

## Guidelines

- For presentation of the 2 assignments, the candidate should put the code into a new public github repo. For the assignment #2, instructions of how to run the test should be given in a README document;
- Public Github repo link should be shared with GoBear point of contact once the candidate completes working on it. After your work is submitted to GoBear side, there should be no new `git-commit` in the repo aside from grammatical/document fixes. This is to ensure the candidate used up only the allocated amount of time, in fairness to all candidates;
- You can assume that we have 50% of users on mobile, 50% on desktop;
- The business model is based on clicks made on the  buttons across the website. You do need to have that in mind for your tests but don't need to write a test to confirm the actual click on the button is correctly fired and stored in our DB. Knowledge in tag testing is a plus, so if you do know, do not hesitate to add this test in assignment #2;
- Programming language should be JS, Java, Ruby, Python or .NET.

## Challenges

### #1

As a new automation tester in the team, you have been asked to start working on automating the regression tests in our website. The 1st product to automate is Travel Insurance. Please propose:

- A test plan;
- The tool(s) you would use to test it;
- The architecture of the test scripts in that tool.



Website to be tested: [https://www.gobear.com/ph?x\\_session\\_type=UAT](https://www.gobear.com/ph?x_session_type=UAT)

Tip:

- For this assignment, stay at a high level. You do not need to write the code but to propose a plan and architecture of the tests scripts;
- Do prepare a list of questions you would ask to the business if needed.

## #2

As the Software Engineer in Test of a front-end team, you are being asked to automate the testing of the following flow:

- Go to [https://www.gobear.com/ph?x\\_session\\_type=UAT](https://www.gobear.com/ph?x_session_type=UAT)
- Go to Travel section
- Go to the Travel results page
- Make sure at least 3 cards are being displayed
- Make sure the left side menu categories are functional. FYI, there are 3 categories: Filter, Sort and Details.
  - Basic goal: test at least 1 option per option (Filter, Sort, Details) changing at least 1 radio button, 1 range selector, 1 check box, 1 dropdown, 1 calendar picker
  - Stretch goal\*: write a test to ensure the left side menu is functional

Video recording to land on the page and menu to be tested can be seen [here](#).

With the Selenium based automation tool of your choice, write a test that would ensure the quality of the page before releasing it to Production.

The test should run successfully on a laptop using chromedriver and latest stable Google Chrome.

\*Stretch goals will give you extra marks. Although it's not mandatory to complete these, it will make a difference in the interviewing process.

## What's next?

1. As mentioned above, share your Github repo link to your contact in GoBear;
2. Your solutions to the challenges will be reviewed;
3. Should you pass the test, an interview will be scheduled with the QA Manager to discuss the 2 challenges;
4. Interviews with the Dev Manager and the CTO.