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ProdPerfect:
Solo or With Your Team

ProdPerfect can be deployed as a complete end-to-end testing solution, or can pair up with your team to make end-to-end (E2E) testing even stronger. ProdPerfect's technology uses live user behavior data to automatically generate E2E regression tests. You should expect that, by default, ProdPerfect covers all current use cases on your application and will catch regressions before they make it to production.

ProdPerfect Solo

ProdPerfect can be deployed as the only automated browser-level testing solution for your application, as is often the case for customers. In these cases, engineering teams assign engineers, product leaders, or QA engineers to manually test brand new features as they are being developed, and no longer devote brainshare to regression testing at the browser level.

ProdPerfect With Your Team — Side by Side

Your team will always be responsible for writing and maintaining a strong unit testing and API/integration testing suite. ProdPerfect is designed to cover browser-level E2E testing.

ProdPerfect is perfect for E2E regression testing the core features of your application. If your team wants E2E testing to cover new features before they are deployed, or wants to cover edge cases, we can work together.

For New Features

From our perspective, new features are those that do not impact any major flows. ProdPerfect currently already adjusts for core feature changes before they go live; our tests will break and the broken test will trigger an update.

For testing new features, there are a few options:

1. Your team can manually test new features before they are deployed to production.

2. Your team can alert ProdPerfect to new features that need to be tested by ProdPerfect (48-hour turnaround), which will consume your "wildcard" custom tests until these tests are picked up by ProdPerfect's analysis engine.

3. Your team can use our record-and-play tooling (in Beta) to pass tests to us, with the same "wildcard" consumption.

4. Your team can write automated tests for these new features in the language/testrunner that it prefers, and run those tests in staging/QA separately. Once the new feature is deployed, ProdPerfect will detect the new feature and deploy new tests to cover it. After a few days (typically 2 business days to collect data), your team can retire the new feature's test rather than maintain it.

For Edge Cases

Your team may want to cover some rare behaviors with E2E tests for various reasons, e.g., the rare bug that may have frustrated a customer. You will also have access to reports and a live web application that shows what behavior is and is not covered by ProdPerfect. Your QA lead/engineer can use this as a guide to decide what uncovered edge behaviors in the application should get more attention.

For covering edge cases, there are a few options:

1. Your team will be assigned an allotment of "wildcard" custom tests. You can ask your ProdPerfect Account Engineer through your preferred channel to create tests around the edge cases you want covered. (We can increase the allotment for an additional fee.)

2. Your team can write an "edge case testing suite." It can be written in your preferred language and testrunner, and run alongside ProdPerfect, at your des ired frequency.

An Alternative: Continuous Testing "First Screen"

In this engagement type, your team would maintain their testing suite as normal. ProdPerfect is deployed as a "first screen," running in addition to your current testing suite. The goal of this type of engagement is to simply catch bugs that the first testing suite is missing, and/or to run ProdPerfect continuously on every build if your current E2E test suite takes too long to run continuously (typically a regression suite is long/slow and runs at the end of a sprint).

How Not To Use ProdPerfect

ProdPerfect is not a good platform for automating the test cases or manual tests that you have already derived or for expanding your current automated test suite. ProdPerfect's core methodology is to discover test cases based on user behavior; there will be some overlap between what ProdPerect discovers and what your team has come up with, but teams that succeed with ProdPerfect embrace the vision that a data-derived test suite will give them a significant advantage in QA.

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