



ProtonMail has announced the launch of its ProtonMail 4.0 beta software. With the upgrade, users will experience an all-new look and underneath the surface, a new software framework is laying the groundwork for new features, products, and customizations in future updates. With the growing number of changes, the team has decided to invest heavily in test automation.

Feature description

ProtonMail uses a flexible hybrid system of [folders and labels](#) to maximize productivity and organization within your inbox. The difference between the two is that folders allow users to store a message within them while labels are applied on top of a message.

Task

For the purpose of the homework, we will limit the tests to the settings section located at <https://beta.protonmail.com/settings/labels>.

You are expected to:

- Select a test automation framework. Please refrain from using keyword-driven, record & playback tools
- Research and use good practices on organising and designing automated tests (e.g. PageObject model)
- Write a set of automated tests for the following scenarios:
 1. Create a label/folder
 2. Modify a label/folder
 3. Delete a label/folder
 4. Change order of labels/folders in the list
- Document the project with a readme file.

You have one week to complete your mission!

Evaluation

We will evaluate the solution from different perspectives including:

- ★ Systematic approach to the problem.
- ★ Overall technical knowledge.

Questions

For additional information and questions feel free to write us back.