

TECHNICAL TEST FOR MENÜPP

Overview:

You must create a SPA app using Firebase, Quasar, and Vue. The app must have a single screen, where users must be able to upload a picture (it can be any extension). This picture must be sent to a Firebase Cloud OnRequest function, where it must be processed. The photo must be resized to a width of 720 pixels, maintaining its original aspect ratio and orientation, and must be compressed to a .png format, and then uploaded to a Firebase Cloud Storage bucket.

Back in the Vue app, users must be able to view their uploaded pictures, download them and delete them.

Keep in mind that to access any part of the app, users must be authenticated, this means that you will also have to develop a login screen and handle all auth flow both in the Vue app and in the Firebase functions backend (the file upload endpoint will not allow anonymous invocations).

Your login screen should also allow for user registration.

Please also include an E2E test of the upload screen using the framework of your choosing (although we recommend using Cypress).

Additional information:

Keep in mind that Firebase Cloud function is a paid product, so to be able to develop, you will have to set up the firebase function emulators to run the app in localhost.

We will review the code and schedule a meeting to discuss the results (be ready to showcase your code in this meeting).

We do not impose a hard deadline, but please try to keep the delivery time to a week at most.

For this task you are expected to use Vue and Quasar Framework, you can use the Vue 2 or Vue 3 version. Menüpp values curiosity and eagerness to learn. We are aware that you may not be familiar with some of the tools, but that is part of the challenge. We are not expecting perfect code, but a good structure application built with good practices.

We also expect a clean, good-looking, and responsive application that takes advantage of the many features and components present in Quasar Framework.

Good luck and have fun,

Out best,

Menüpp team