

Ubiquiti FE Test Assignment

Imagine that you are a developer at Ubiquiti, Inc. and your product manager has asked you to help another team - to kick-start a project and put it in good shape for that other team to take over.

Your product manager has shared the context: multiple teams need a shared internal productivity tool to help developers, designers, PM:s and other roles to discover, verify, share and align on insights about Ubiquiti's products and their images to visualize the product database <u>UIDB</u> which is used by many systems.

The designers have defined the UX and UI for all the features that the teams were asking forget the Figma file here. But they have not negotiated the design with you. Feel free to alter things if you have good reasons.

Currently these are the key fields in UIDB:

- id primary key
- line what you use for Filters
- product.name human readable name
- shortnames multiple lookup keys as used by various systems and their versions
- images.default used for image urls

Image urls can be built using

For an example see

https://images.svc.ui.com/?u=https%3A%2F%2Fstatic.ui.com%2Ffingerprint%2Fui%2Fimages%2Fed67d43e-2d5c-4928-ace8-edf984baeff1%2Fdefault%2F977c1f8c477549aeb7238727fd4ecc62.png&w=640&q=75

The UIDB team is not guaranteeing the schema won't change tomorrow. Your product manager asks you to expect the unexpected and fail gracefully.

React and Typescript are requirements, but the other teams will adopt potential additional choices.

You don't know the other team and cannot talk to them. Whatever you hand over has to be in the git repository.

Product managers and designers will not be able to run your code just to see what you have built. Deploy your latest version somewhere online.

You have only a week to spend on this. Make the biggest impact you can!

Practicalities

If you have any questions about the assignment or the hand-off process please reach out to simon.perstorper@ui.com.