KIOSK CLIENT FOR INCY.IO

Introduction

Plan Brothers’ incy.io is a product for reporting field observations and gathering feedback. Incy.io already has a somewhat easy-to-use interface but it isn’t optimized to be used in kiosk mode, with mounted tablet devices.

The goal of this project is to create an easy-to-use web application for gathering feedback and observations, using incy.io API. The focus will be in delivering easy means of inputting the feedback when using a device in kiosk mode.

By the end of the course the application will be installed, using a mounted tablet device, somewhere in Aalto University to gather real feedback from Aalto students.

Project goals

1. Decide the real-world use case in Aalto University
2. Design and implement a client application for gathering feedback and observations to incy.io
3. Incrementally introduce more advanced and precise means of inputting feedback
4. Deliver the system to use and build up on the feedback
5. Iterate ^_^

Tech & Tooling

Plan Brothers has expertise in using Python and Angular, but will give the team freedom in choosing the best tech they see suitable for the job.

Plan Brothers decides

Plan Brothers requires the student team to use the following tech & tooling:

- The application must use incy.io JSON REST API
- The application must be deployed to Heroku for testing and production
- The application source code must use GitHub for version control

Student team decides

The student team is free to choose any web-based technology, which fulfils the project requirements. The team can choose for example between Angular, React, Vue, PureScript, Elm, [enter your cool tech here].

Requirements for the students

Interest towards web technologies is appreciated, but no hands-on experience is required. Since the project will integrate to an existing production API, the student team will be working closely with the Plan Brothers developers.

An optimal team would include people with diverse passions. The project will involve activities outside of traditional coding, such as UI/UX design and user research.
Legal Issues

**Intellectual property rights (IPR):** The results are published under MIT

**Non-disclosure agreement (NDA):** Each team member shall sign an NDA*

*NDA is required for the team to work in Plan Brothers premises. We strongly believe that working on-site is more meaningful for both the client and the student team.

Client

Since its establishment in 2012, **Plan Brothers** has been dedicated to making easy-to-use web and mobile software for field observations, incident reporting and inspections. Our team consists of 30 people, of which roughly 10 are modern-day web and UX developers.

Our core expertise is in easy-to-use web and mobile software. We want to help our customers manage safety processes easier through our SaaS products.

This project will concentrate on our incy.io product, which is trusted by the likes of Kesko, S-Ryhmä, Alko, Finnkino and Ramirent.

Practicalities

Plan Brothers will provide necessary cloud services during the project. This will include services such as GitHub, Heroku and a selected CI tool.

The team can work on-site in Plan Brothers offices in Annankatu 27, Kamppi. In addition, the team can contact client representatives via selected chat platform, such as Flowdock or Slack.

Necessary beverages (beer tap + beer fridge filled with handpicked handcrafted artisan ales) are always available in order to complete the demanding course.

Client representatives

**Product Owner**
Vesa Uimonen  
Full-stack developer at Plan Brothers  
vesa.uimonen@planbrothers.io

**Secondary Product Owner**
Konsta Vesterinen  
CTO at Plan Brothers  
konsta.vesterinen@planbrothers.io

Additional info

There are no pre-selected team members for this project. The client expects the application and source code to be provided in English.

If you have any questions regarding this project, please do not hesitate to contact the client representatives. We've participated in the course before, and should be able to answer any questions and worries you might have.