Sonarworks

Frontend Engineer for SDK team | Homework

Objectives

- Overview candidate's ability to translate the design into code;

- Validate candidate's capability to create a well-structured, logical and readable solution;

- Evaluate candidates competence to propose and implement various technical solutions;

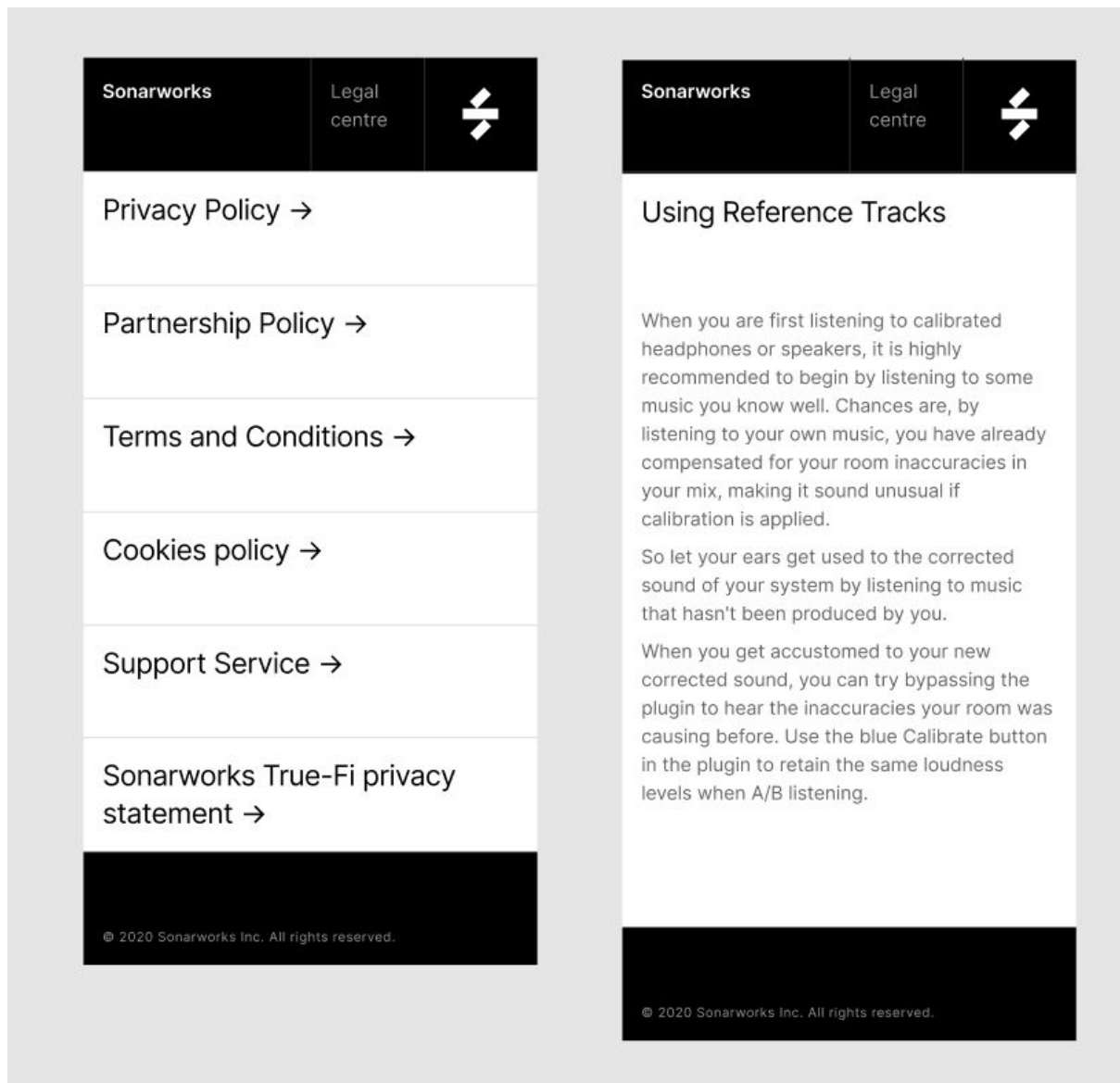- Test candidates presentation and time-management skills.

Deadline and submission

After reception of this task, candidates are given 1 week to submit results via email to krists.vitols@sonarworks.com. Later on, selected candidates will be invited to present and discuss results in-person.

Introduction

SoundID is a product to create a personalized sound experience, you can read more on our [website](#), or by watching our [guiding video](#).

The product consists of various systems and applications, including integrations with our licensing partners. Learn more about our integration with [Monoprice M-TWE](#), [DROP + THX Panda Wireless Headphones](#) or [Gateway tablet](#).

Let's imagine there is a need for one-fits all legal centre solution: place, where the user can see all SW legal documents.

All legal documents are available at [Legal Archive](#), and, for any root document, adding `api/` as the URL path prefix will show you the particular endpoint, e.g.: [https://www.sonarworks.com/**api**/legal/privacy](https://www.sonarworks.com/api/legal/privacy)

Tasks

1. Get familiar with the [Figma design](#);

2. Based on the design, choose technology stack and reason your choice;

3. Create the solution in a manner it is usable in other projects

4. Prepare a list of suggestion (can be both for the solution and for API, design, or other)

5. Share the source code with us, along with the guidelines of how to run it;

6. Share your answers to (2) and (4), as well as other comments in a form of document and/or presentation.

Timeframe

It is recommended to spend not more than an evening or two on all of the above tasks. Set your time limit before you start and manage your time wisely, note down what it took to you to complete each step, make sure you have enough time for presentation preparation.