Project Proposal - New Nopeamedia UI

1. Introduction

Verkkovaraani has a Software-as-a-Service (SaaS) product called Nopeamedia (http://nopea.media, published 15.9.). With the product, customers can easily publish content to web and printed media. The customers are associations and companies whose focus is in information sharing using for example magazines or guidebooks.

The end users in customer organizations use the content management system as admins to publish articles in the web and printed magazines. These articles are then read by the company’s target audience.

The Nopeamedia product is based on a proprietary Verkkovaraani publishing system called eAdmin. The system has been developed over a long period of time and has a lot of functionalities. In this project, the admin interface of the Nopeamedia should be updated to enable easier and faster content management for admins.

2. Project goals

The project has following goals:

- Separating front-end of the admin interface from the backend.
- Updating the current admin interface into a faster and easier-to-use interface. The UI should be reactive, responsive and have a modern look-and-feel. Example of current UI included in Additional information.

3. Technologies

Currently the system is built using PHP, and MySQL. The frontend is built using CSS SaSS and Bootstrap 4. We have looked into optics and defined React as the best option for the new admin interface. We are fairly confident that is the correct choice for the technology and we can support the students in development.

4. Requirements for the students

Since the development is in UI side, it would be good to have understanding of user experience on top of programming knowledge. Also understanding of separating back-end and front-end is useful. The topic difficulty is moderate in our opinion.

5. Legal issues

The client gets all IPRs to the results. Signing the NDA included in the Aalto's contract template is not required.
6. Client

The relevant team in Verkkovaraani organization are
- CEO Jesse Kivialho, (project management)
- Front-end developer and graphical designer Jussi Leskinen
- Back-end developer Jide Arowofela

Jussi and Jide are responsible in building the product, so they have excellent expertise in the project domain and technologies. React has not been used in the project so far, but Jussi and Jide have experience in it from earlier projects.

Verkkovaraani people can participate in the Weekly Scrums and also provide some hours of guidance each week if needed.

Verkkovaraani will offer a development server for the project team. There is also a work room with some computers and working tables, but not enough for the whole team. These kind of practicalities can be arranged depending on the team needs.

Client representative(s)
Product Owner
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7. Additional information

The documentation and programming should be done in English, but some of the existing code is in Finnish, so at least some of the project team members should understand Finnish. We have programmers who do not speak Finnish, so it is not a requirement for everyone.
Screenshot of current admin UI: