



ELIFTECH

Case study

Skhole - Learning Platform

#Healthcare

#HealthTech

#EdTech

#Learning_Platform

Skhole is a Learning Platform aimed at providing medical students or employees with high-quality courses with evidence-based materials in the healthcare sector. It is mostly oriented toward schools and organizations providing healthcare education and services.

About the client

Skhole is a privately held company founded in 2014 in Helsinki, Finland. At the core of Skhole's services is a learning platform with a variety of courses for medical staff and students. The company aims to create the new universal standard for healthcare education.

Challenge

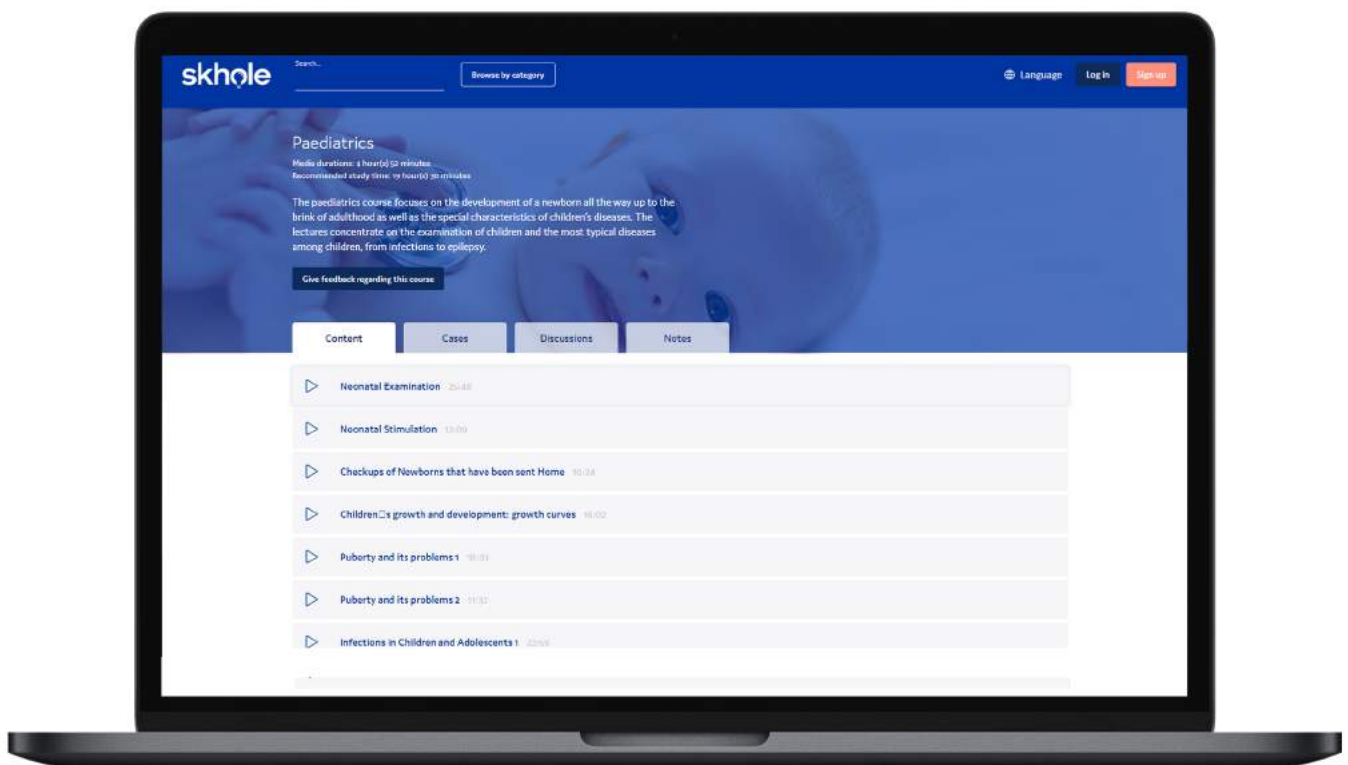
When Skhole decided to develop a more modern and scalable learning platform, the ElifTech team was contacted. After a thorough analysis of requirements, our task was to plan and build together with Skhole's CTO a full architecture of the platform and develop a new healthcare education tool with different roles and types of access based on this platform.

Solution

Working alongside the client, ElifTech built up a dedicated team to develop an interactive learning platform. It was agreed to use Node.js and MongoDB for the backend portion and React for the frontend. Skhole users can be assigned to different – each with its own level of access and abilities. An Editor can create courses on different medical science topics, while Students can easily choose and access needed material. What's more, all users can communicate with each other, debate, like, and comment on each other's results.

Results

With our solid knowledge in web development, we were able to build an interactive healthcare platform where medical students and employees can learn from evidence-based material that has been written and vetted by doctors. Once the system had been thoroughly tested and met with the client's satisfaction, we transferred all existing accounts, data, and user details from the old platform and seamlessly integrated this material into the new platform.



Features

- flexible time for courses and round-the-clock availability;
- wide range of course selections;
- participation in groups for discussions and debates over scientific topics;
- exams to prove knowledge after each course (checked by a teacher);
- data uploading (research data, experiments, and tests results);
- activity statistics for students and teachers;
- certificates to prove course completion.

Technologies

Node.js, Material.UI, MongoDB, React

Country: Finland

Year: 2018

Web-site: www.skhole.fi

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