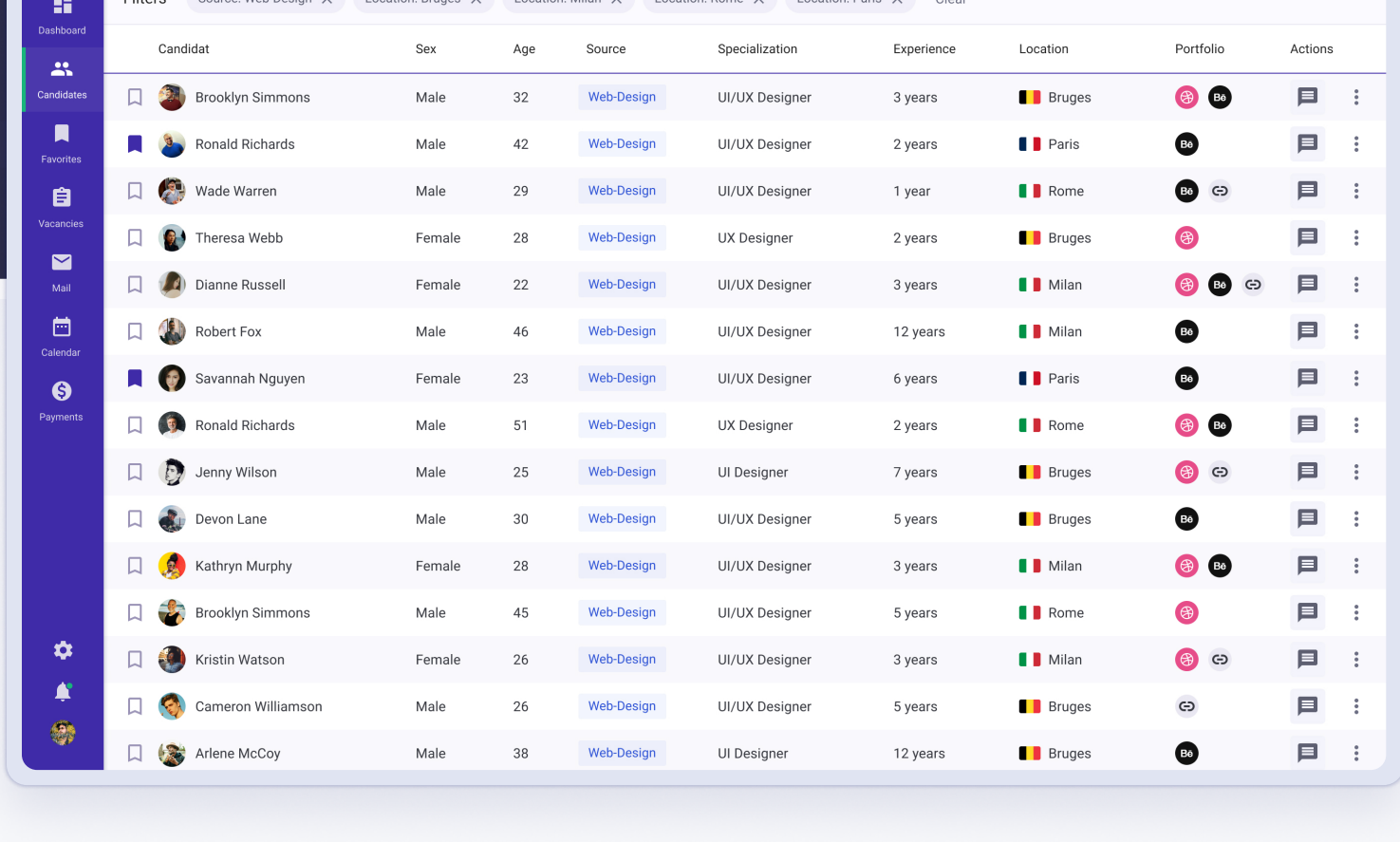


Web-Based Human Resource Management System

An easy-to-use web-resource for job hunting especially for young just-graduated specialists. The HRM system allows searching, finding and meeting with potential hires or candidates, placing CVs or job opportunities. This web-based human resource management system provides quick and simple negotiation and interviewing between candidates and employers. Users can create a list of favorite companies or send invitations for recruitment or interview.



Business Challenge

Nowadays, there are many types of employment: freelance, full-time, part-time work, etc. Graduates, students, and young people, in general, want to earn extra money, but it's often difficult to find work that fits with their specific terms, hours/days. At the same time, many employers require extra employees for several hours/days in cases of unexpected situations; for example, a restaurant is full, and a waiter has gone off sick. The required web service would, therefore, need to connect companies with candidates. Also, the web-based HRMS should provide fast, robust, dynamic, and hassle-free access to all the features of a job-hunting platform both for candidates and employers.

The client requested a simple-to-use and user-friendly management system for human resources that connects employers and candidates. The web resource would work smoothly and quickly on mobile devices, PCs, and laptops, and let the user complete the main operations in several steps. The core functionality of the web-based human resource management system for job seekers needed to include: placing a CV and letter of application, searching for employers, contacting them and applying for vacancies with one mouse click. The core functionality of the web-based human resource management system (HRMS) for employers needed to include: placing vacancies and advertisement info, looking for CVs, choosing and contacting candidates, and a feature to make direct payment after shifts.

Solution

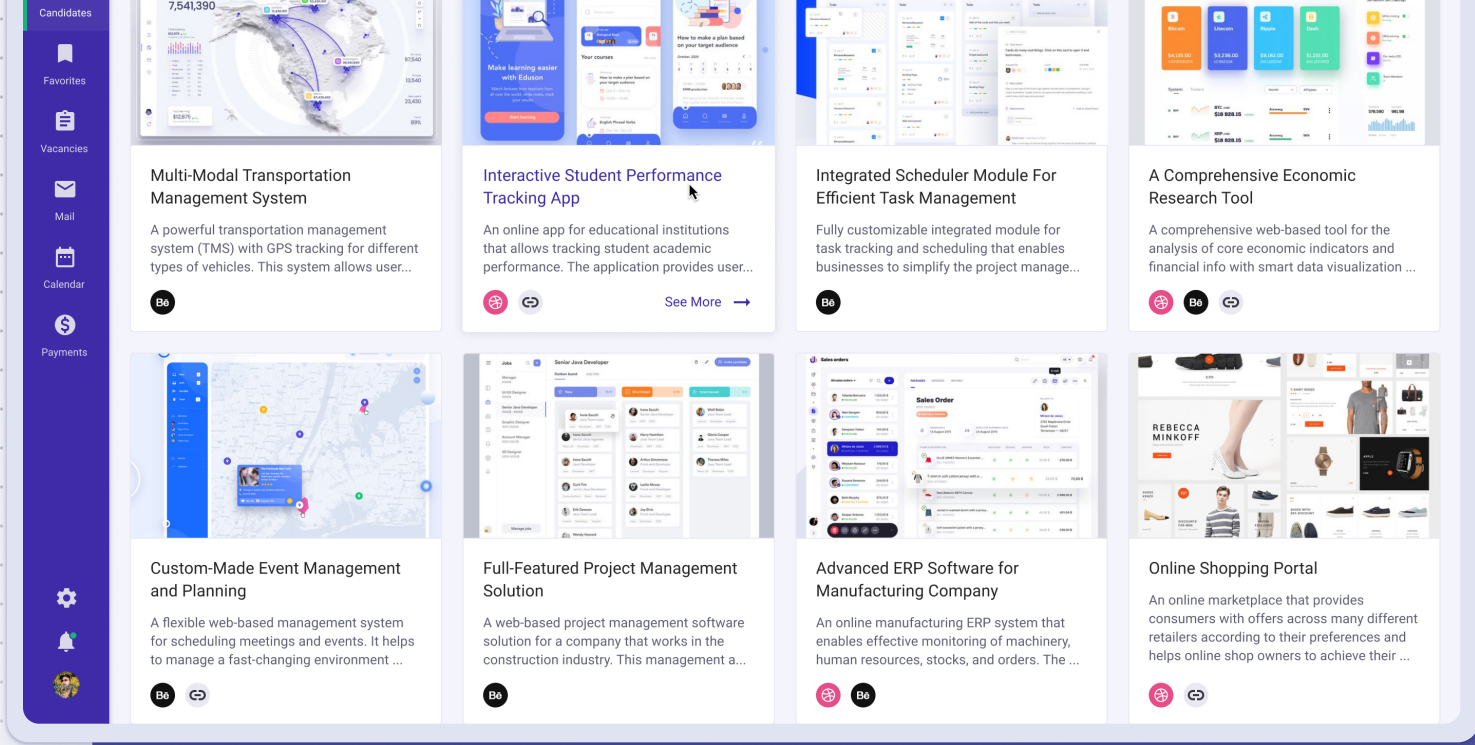
XB Software's development team was asked to build an attractive human resource management system for young professionals. The system should operate both on PCs and on mobile devices, connecting employers and candidates in the same marketplace. The web resource management system should also be easy to use with multilingual support and instant payment via PayPal.

XB Software's developers made the web-based portal as a single-page web application using the Backbone.js framework. This meant it would not reload the whole page in the browser during typical actions like searching, filling forms, creating offers, etc.

XB Software built the human resource management system based on the secure REST API for client-server communication. We used a high-level database driver for MySQL and Express.js that would allow us to quickly and easily migrate to another DB in future if needed.

Our team used Twitter Bootstrap to build responsive layouts compatible both with mobile and desktop devices. For implementing multilingual support we used the client side Handlebars template engine. [Node.js](#) was used as the main app server.

XB Software's development team used PayPal's Node SDK to implement instant payment for both employers and candidates.



Project in Figures

10

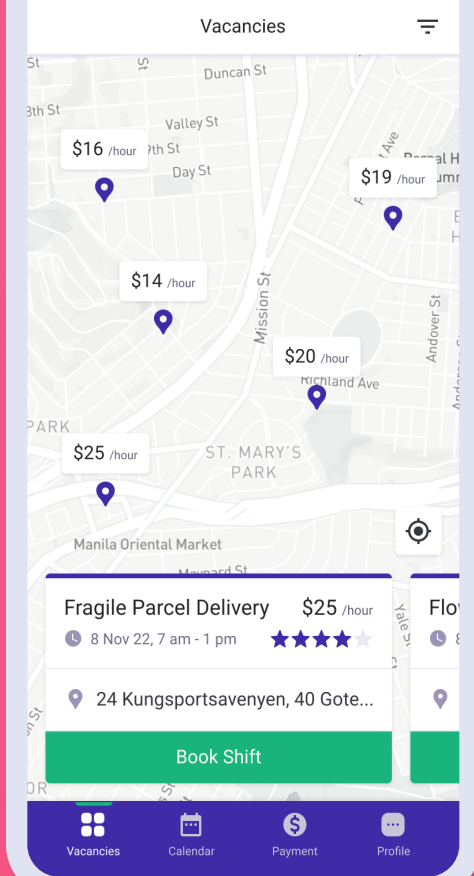
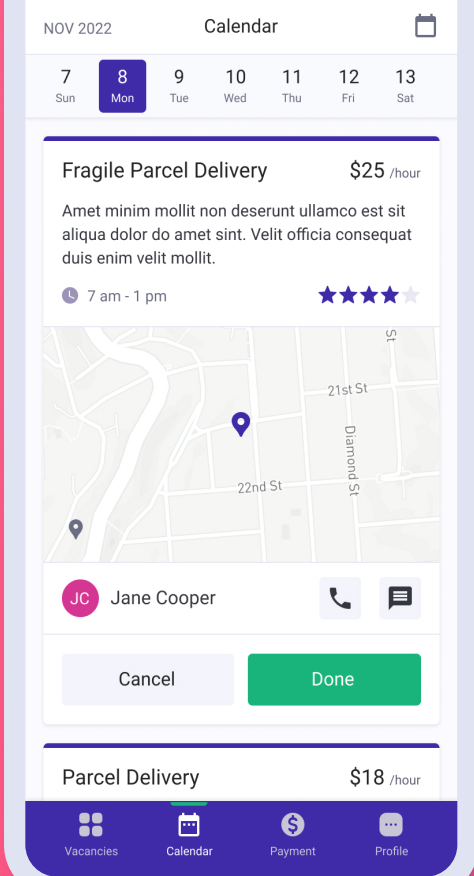
Month

Duration

1500

Estimated

man-hours



Applied Technologies

BACKBONE.JS

node.js

here

Bootstrap

mongoDB

MySQL

PayPal

SPIRIUS

Result

XB Software developers built an easy-to-use and user-friendly web resource for job hunting and employment. The web-based human resource management system allows users to:

- ✓ search for vacancies and employees
- ✓ monitor the selected companies' work proposals
- ✓ place CVs and job opportunities or company ads
- ✓ simplify communication and cooperation between candidates and employers.

The main feature of the HR management system is the ability to make instant payment for completed work using PayPal.

Customer

A Swedish company that provides an innovative meeting place for candidates and employers. Their solution is designed to fulfill both candidates' and employers' needs in short-term employment and job opportunities.

Your questions and requests are always welcome!

Visit <https://xbsoftware.com/>

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[Contact Us](#)