



# Company Profile

# Education & eLearning



# Elinext Company Overview

Since **1997**

In custom software development

**7**

Development centers in Europe and Asia

**700+**

In-house employees  
85% are software engineers

**300+**

Clients worldwide

## Focus on specific domains:



Web & Mobile Apps



ERP & Asset Management



Blockchain



UI/UX Design



IoT & Infrastructure Management



DevOps



CRM & Customer Engagement



Cloud Computing & SaaS Development

# Technologies

## Backend



Java



Python



Node.js



.NET/C#



C/C++



Solidity



PHP

## Frontend



React.js



Javascript



Angular



TypeScript



Vue.js

## Mobile



Kotlin



Swift



Flutter



React Native

## Cloud



AWS



Azure



GCP



Digital Ocean

# Quality Certified

Ensured by Elinext Management System:



Certified Quality Management



Certified Information Security Management



Google Cloud Certified



AWS Certified



MS Azure Certified

Proven by dedicated external audits:

- Code Review
- Static Analysis
- Dynamic analysis
- QA and unit-tests
- Continuous Integration
- Rules and processes

Continuous competence development:

- Best-practice and knowledge sharing in onboarding process.
- Professional trainings, including external courses.
- Developer conferences and international hackathons

We develop eLearning and education solutions strictly in line with product/process quality and security standards, including:



SCORM

xAPI.com



cmi5



LTI



GDPR



FERPA



COPPA



ADA

# Education and eLearning Solutions We Develop

1  
Learning management systems (LMSs)

2  
School management and administration systems

3  
Massive Open Online Courses (MOOCs)

4  
Corporate training solutions

5  
Microlearning solutions

6  
eLearning portals

7  
mLearning apps

8  
Assessment and proctoring solutions

9  
Learning experience platforms (LXPs)

# Simplify Education Management

 <b>Course Management</b>	<ul style="list-style-type: none"><li>+ Content authoring and course creation</li><li>+ Content sorting and categorization with search and tag functionality</li></ul>	<ul style="list-style-type: none"><li>+ Course catalog management</li><li>+ Curriculum planning and training session scheduling</li></ul>	<ul style="list-style-type: none"><li>+ Support for multimedia content</li><li>+ Customizable microlearning templates</li></ul>
	<ul style="list-style-type: none"><li>+ Student enrollment and registration</li><li>+ Profile customization</li></ul>	<ul style="list-style-type: none"><li>+ Secure single sign-on</li><li>+ Personalized dashboards with filtered content</li></ul>	<ul style="list-style-type: none"><li>+ Role-based access control</li></ul>
 <b>Third-Party Integrations</b>	<ul style="list-style-type: none"><li>+ Payment gateways and eCommerce platforms</li><li>+ Calendar and scheduling tools</li></ul>	<ul style="list-style-type: none"><li>+ CRM, HRMS, ERP systems</li><li>+ Content libraries and repositories</li></ul>	<ul style="list-style-type: none"><li>+ Social media integration</li></ul>

# Maximize Learner Engagement

 <h2>Communication &amp; Collaboration</h2>	<ul style="list-style-type: none"><li>Interactive whiteboards with tools for collaborative work</li></ul>	<ul style="list-style-type: none"><li>Video conferencing and online webinars</li></ul>	<ul style="list-style-type: none"><li>In-app notifications and alerts</li></ul>
 <h2>Gamification</h2>	<ul style="list-style-type: none"><li>Surveys and learner feedback collection</li></ul>	<ul style="list-style-type: none"><li>Live chats and instant messaging</li></ul>	
	<ul style="list-style-type: none"><li>Points, scoring systems, and leaderboards</li></ul>	<ul style="list-style-type: none"><li>Certificates and achievement badges</li></ul>	<ul style="list-style-type: none"><li>Challenges, quests, and missions</li></ul>
 <h2>Mobile Accessibility</h2>	<ul style="list-style-type: none"><li>Interactive quizzes</li></ul>	<ul style="list-style-type: none"><li>Social sharing and discussion boards</li></ul>	
	<ul style="list-style-type: none"><li>Responsive design and touch-friendly UI</li></ul>	<ul style="list-style-type: none"><li>Integration with mobile features (camera, microphone, GPS, etc.) for interactive learning</li></ul>	<ul style="list-style-type: none"><li>Immersive AR-based learning experiences</li></ul>
	<ul style="list-style-type: none"><li>Push notifications</li></ul>	<ul style="list-style-type: none"><li>Offline access</li></ul>	

# Enhance Learning With AI

 <p><b>Automated Proctoring</b></p>	<ul style="list-style-type: none"><li>+ ML-based face recognition</li><li>+ Recording of a student's face and screen activity</li></ul>	<ul style="list-style-type: none"><li>+ Multi-modal monitoring and behavior analysis</li><li>+ Real-time suspicion alerts</li></ul>	<ul style="list-style-type: none"><li>+ Browser lockdown</li></ul>
 <p><b>Intelligent Personalization</b></p>	<ul style="list-style-type: none"><li>+ AI-powered content recommendations</li><li>+ Personalized assessments</li></ul>	<ul style="list-style-type: none"><li>+ Skill gap analysis and learning path customization</li><li>+ AI chatbots for 24/7 support</li></ul>	<ul style="list-style-type: none"><li>+ Speech-to-text and text-to-speech transformation</li></ul>
 <p><b>In-Depth Analytics</b></p>	<ul style="list-style-type: none"><li>+ Learner progress and performance monitoring</li><li>+ Content effectiveness evaluation</li></ul>	<ul style="list-style-type: none"><li>+ Learner engagement analysis</li><li>+ Customizable dashboards with key metrics for each user role</li></ul>	<ul style="list-style-type: none"><li>+ At-risk student identification</li></ul>

# UQualio: A Cloud-Based eLearning Platform

The client engaged Elinext to develop a cloud-based, multi-functional eLearning solution that would allow users to create engaging video courses for global use. The solution fully complies with GDPR and ensures full protection of user data.

[Learn More ->](#)

## Features

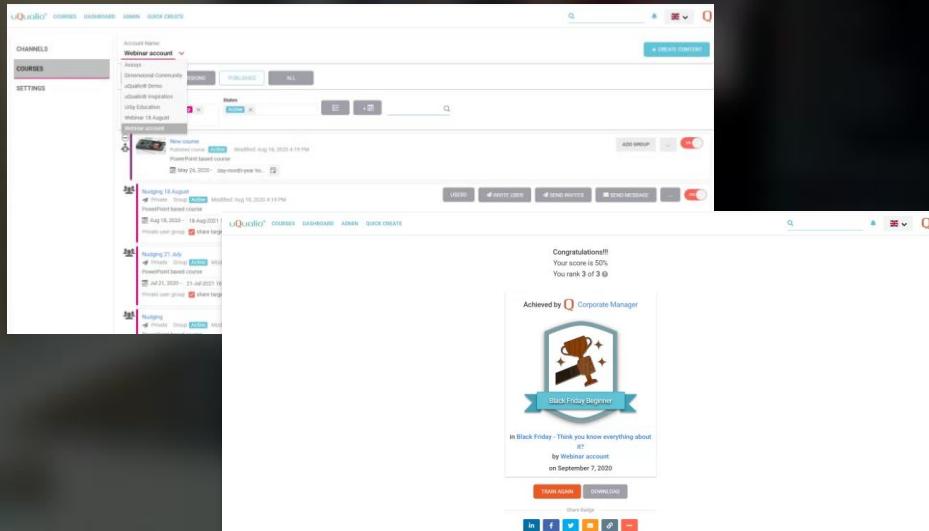
- Course creation and authoring
- Scheduling tools
- Real-time reporting with filtering options
- Notifications, emails, and SMS
- User management
- Localization for Germany, USA, Denmark, Spain, and Venezuela

## Technologies

- ANGULAR
- ASP.NET MVC
- .NET CORE

## CLIENT

An eLearning startup from Denmark



# Resume Builder And Job Search-Platform

The project involved building a job search platform that integrates into an existing online recruitment and assessment system. The platform provides a convenient space for job seekers and employers to connect.

[Learn More ->](#)

## Features

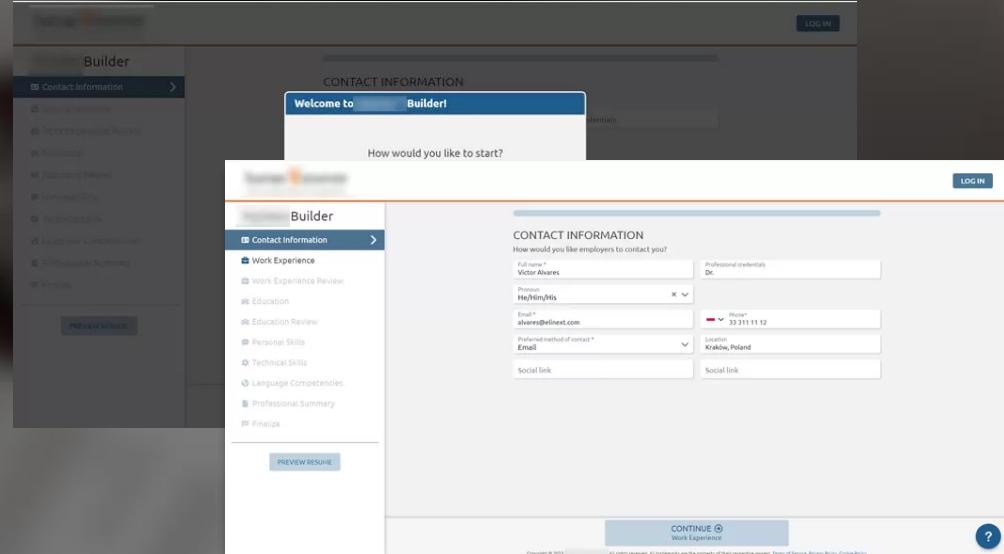
- CV building functionality
- Resume management
- PDF export with customizable templates and colors
- Third-party integrations (Google API, U.S. and Canadian ONET database, Canadian and U.S. universities' database)

## Technologies

- GOOGLE MAPS API
- NEST.JS
- VUE 3
- JAVA
- SEQUELIZE.JS
- AWS
- POSTGRESQL
- TYPESCRIPT

# CLIENT

A provider of education solutions for the US and Canadian markets



## EdQuants: School Management Software

Elinext engineers successfully delivered a responsive web solution that allows school officials to streamline the process of collecting, storing, and analyzing teaching effectiveness while reducing paperwork.

[Learn More ->](#)

### Features

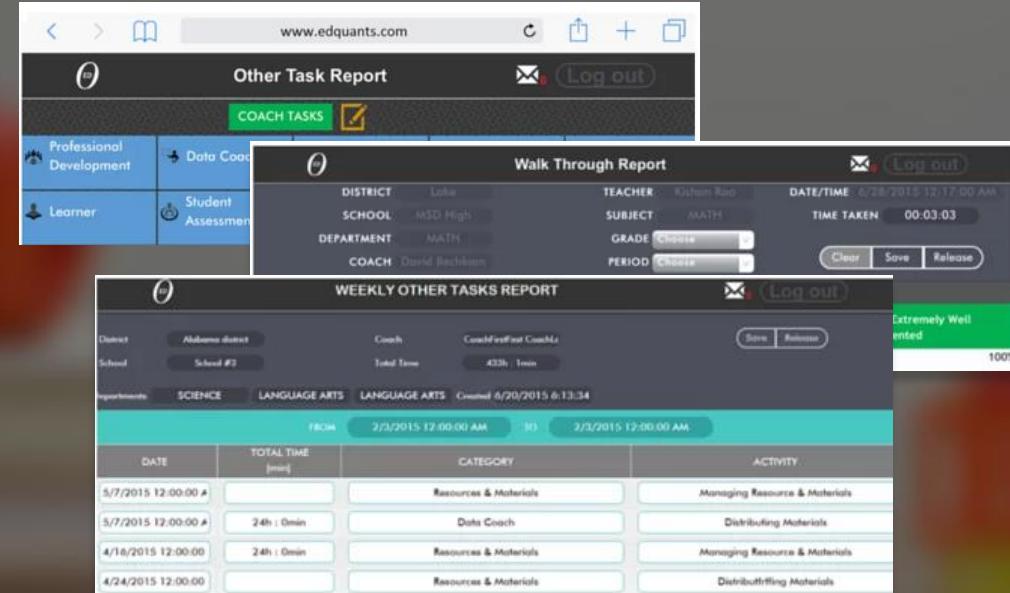
- User-friendly dashboards with statistics
- Exporting data to PDF or XLS formats
- An internal notification system
- The solution is optimized for tablets with different screen resolutions

### Technologies

- .NET
- ASP.NET MVC
- QUARTZ.NET
- JQUERY
- BOOTSTRAP
- SHIELD UI
- MS SQL

# CLIENT

A US-based company



The screenshot displays a web-based application for school management. At the top, there is a navigation bar with links for 'COACH TASKS' and 'Learner'. Below this, there are two main sections: 'Other Task Report' and 'Walk Through Report'. The 'Other Task Report' section includes fields for DISTRICT (Lake), SCHOOL (MID High), DEPARTMENT (MATH), COACH (David Reckham), and various time-related dropdowns. The 'Walk Through Report' section shows a summary for Teacher (Kishan Rao) and Subject (MATH). Below these, a 'WEEKLY OTHER TASKS REPORT' table is shown, listing tasks from 5/7/2015 to 4/24/2015, categorized by DATE, TOTAL TIME (in minutes), CATEGORY, and ACTIVITY. A green progress bar on the right indicates 'Extremely Well Entered' at 100%.

# Online Education Platform

The project focused on developing a flexible tutoring marketplace, where students and coaches could connect based on a number of criteria. The infrastructure is based on several servers to support large numbers of online users.

[Learn More ->](#)

## Features

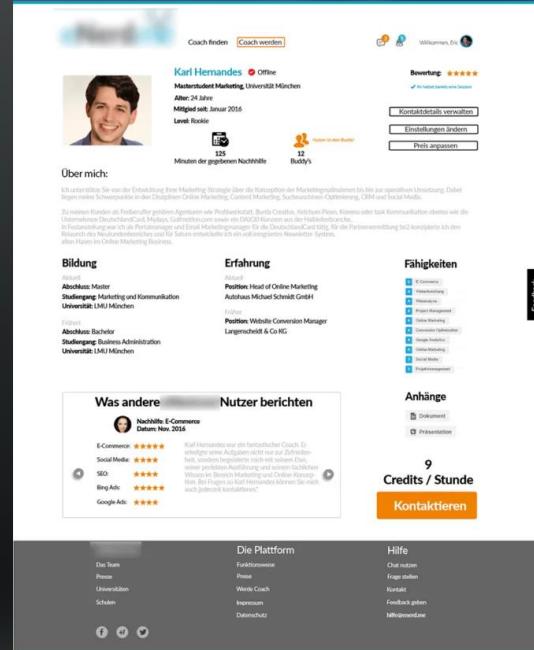
- User management
- Online webinars with video streaming, voice, and text chat functionality
- An interactive whiteboard for real-time collaboration
- A matching algorithm
- BrainTree integration for secure payments

## Technologies

- PHP
- NODE.JS
- SAILS.JS
- MYSQL
- SOCKET.IO
- XAMARIN
- WEBRTC

# CLIENT

A German company



The screenshot shows a user profile for Karl Hernandes. At the top, there are buttons for 'Coach finden' and 'Coach werden'. The profile includes a photo of Karl, his name, 'Willkommen, Eric', a 5-star rating, and a 'Bewertung' section. Below this is a 'Über mich:' section with a bio, education (Masterstudent Marketing, Universität München), and experience (Mitglied seit Januar 2016, Level: Rookie). It also shows 125 'Minuten der gegebenen Nachhilfe' and 12 'Buddy's'. To the right are sections for 'Kontaktdaten verwählen', 'Eintragungen ändern', and 'Preis anpassen'. The 'Feedback' section on the right shows a 9 rating for 'Credits / Stunde'. At the bottom, there are links for 'Die Plattform' (Das Team, Presse, Universität, Schulen) and 'Hilfe' (Chat nutzen, Frage stellen, Kontakt, Feedback geben, Info@client.de).

# Xgrades E-Learning Platform

The Elinext stepped to help the client develop an eLearning platform focused on delivering video-based educational content and exercises tailored to the specific needs of schools.

[Learn More ->](#)

## Features

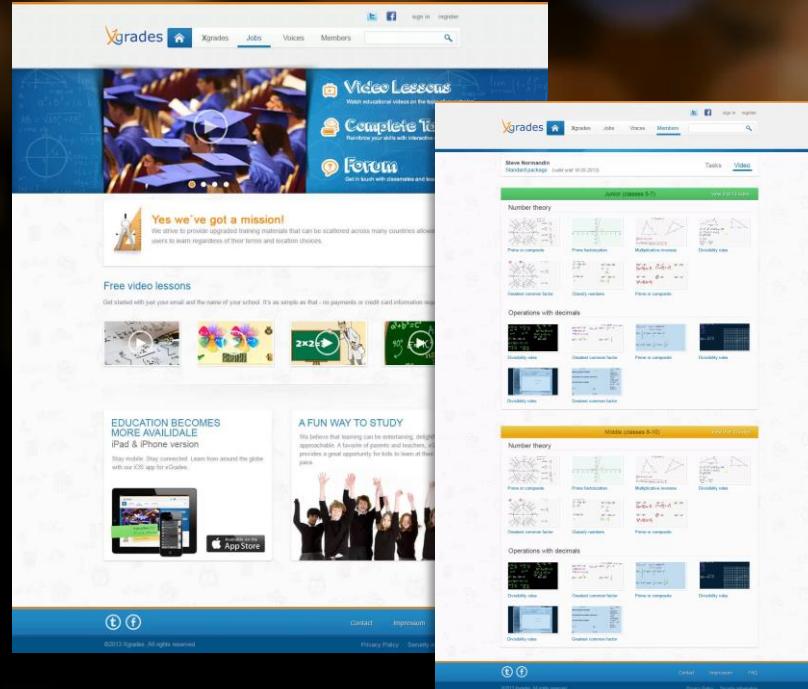
- A visual exercise editor
- A karate belt-style rating system to reward users for achievements
- Subscription-based access to additional tutorials and exercises
- Integration with the Google Ecommerce payment tracking system
- Scalable architecture to support expansion with new modules

## Technologies

- PHP
- JQUERY
- HTML5

## CLIENT

A German startup providing software solutions for schools and educational centers



# Elinext. Learning Management System

The project involved developing an internal LMS solution to streamline the study process and ensure a user-friendly learning experience. The LMS serves as a base product that can be customized and used to speed up the development and save costs for Elinext clients.

[Learn More ->](#)

## Features

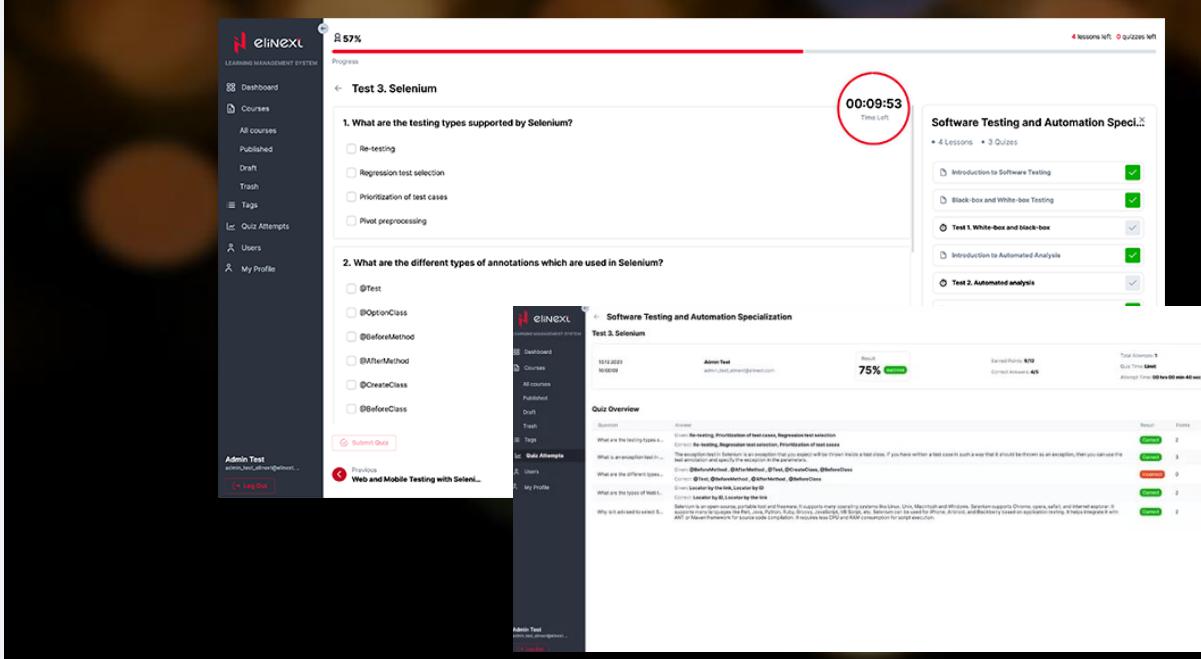
- Course creation and management
- User and profile management
- Tag management
- Customizable quizzes with tailored points, time limits, and Q&A management
- User dashboards with filtered content
- Advanced analytics

## Technologies

- CELERY
- FASTAPI
- PYTHON
- ANGULAR
- POSTGRESQL
- TYPESCRIPT
- DOCKER

## CLIENT

An in-house project



The screenshot displays the Elinext Learning Management System interface. On the left, a sidebar menu includes: Dashboard, Courses (All courses, Published, Draft, Trash), Tags, Quiz Attempts, Users, and My Profile. The main content area shows a quiz titled "Test 3. Selenium" with a progress bar at 57% and a timer of 00:09:53. The quiz consists of two questions. The first question asks: "What are the testing types supported by Selenium?" with options: Re-testing, Regression test selection, Prioritization of test cases, and Pivot preprocessing. The second question asks: "What are the different types of annotations which are used in Selenium?" with options: @Test, @OptionClass, @BeforeMethod, @AfterMethod, @CreateClass, and @BeforeClass. Below the quiz, a "Quiz Overview" section provides a summary of the test results, including the number of questions, correct answers, and total attempts. A sidebar on the right lists the "Software Testing and Automation Specialization" with 4 lessons and 3 quizzes, each with a green checkmark indicating completion.

# Training Solution for Fire Departments

The project involved developing a solution for fire brigades to gather and provide training data from various fire departments. The goal was to enhance cooperation between firefighter entities and streamline training and operations management processes.

[Learn More ->](#)

## Features

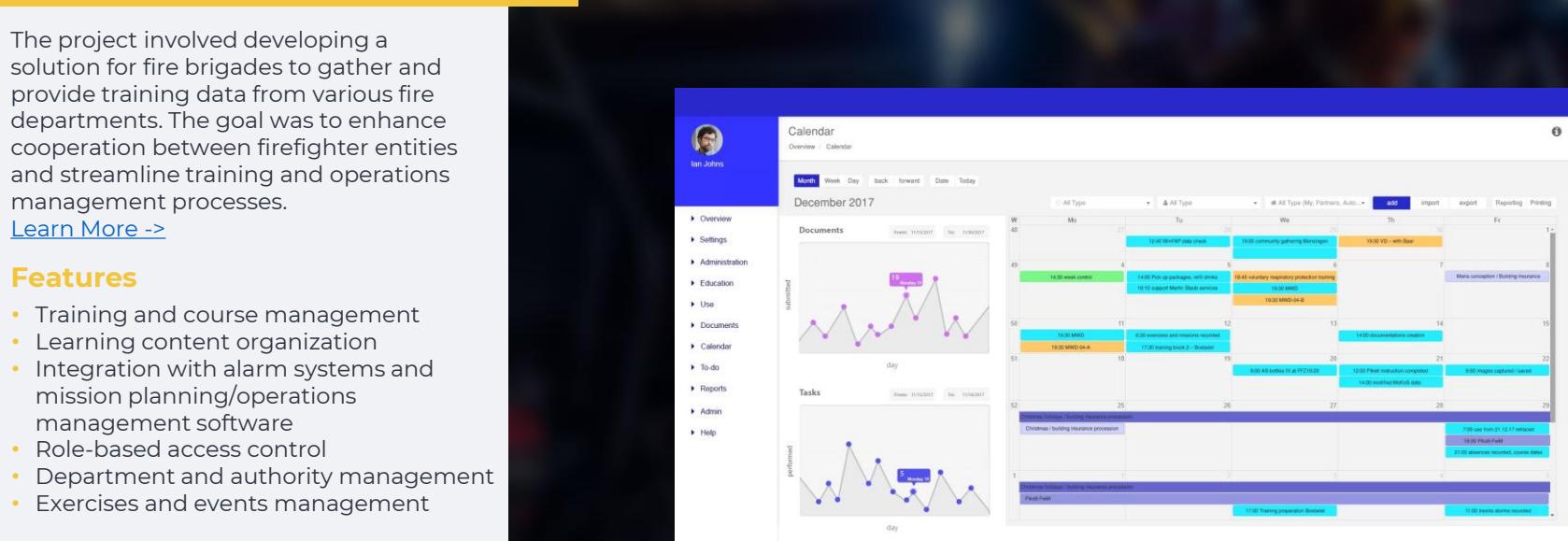
- Training and course management
- Learning content organization
- Integration with alarm systems and mission planning/operations management software
- Role-based access control
- Department and authority management
- Exercises and events management

## Technologies

- .NET
- ASP MVC 4
- KNOCKOUTJS
- ASP WEB API 2
- MS SQL
- REACT NATIVE

# CLIENT

A Switzerland-based company



The screenshot displays a software interface for managing training and operational data. On the left, a sidebar menu for 'Ian Johns' includes links for Overview, Settings, Administration, Education, Use, Documents, Calendar, To-do, Reports, Admin, and Help. Below the menu are two line charts: 'Submitted' (purple line with dots) and 'Pending' (blue line with dots). The main area is a 'Calendar' for December 2017, showing a grid of days from Monday to Friday. Each day cell contains a color-coded box representing a task or event, with text inside indicating the activity and time. For example, on December 4th, there is a blue box for '14:30 week control' and a green box for '14:30 MND-04-A'. The calendar also includes a 'Month' view tab and various export/import/reporting/printing buttons at the top.

## iOS App for Povi Family Connect Platform

The Elinext team was tasked with development of a native iOS app for the Povi Family Connect platform, based on an existing Android app.

[Learn More ->](#)

### Features

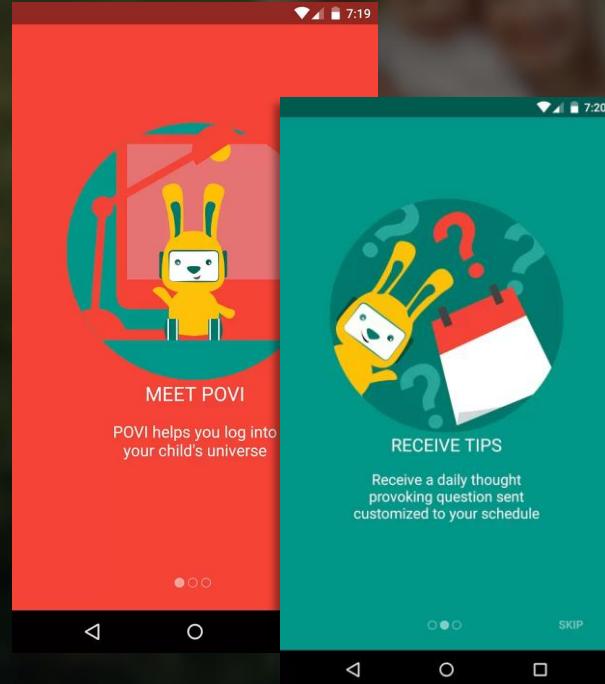
- Analyzing the API and Android app for the Povi Family Connect platform
- Developing the iOS app entirely in Swift to ensure high performance and compatibility with iOS standards
- Smooth update to the new iOS 9 version

### Technologies

• SWIFT	• COCOAPODS
• MOBILE UIKIT	• QUARTZCORE
• UIKIT	• FACEBOOK API
• AFVFOUNDATION	

## CLIENT

A US-based provider of educational solutions



# SUCCESSplaner: Mobile App for Time and Goal Tracking

Elinext developed a mobile app for iPad designed to help users manage their time and goals effectively. The app features an intuitive interface and provides powerful tools for goal setting, planning, and task management.

[Learn More ->](#)

## Features

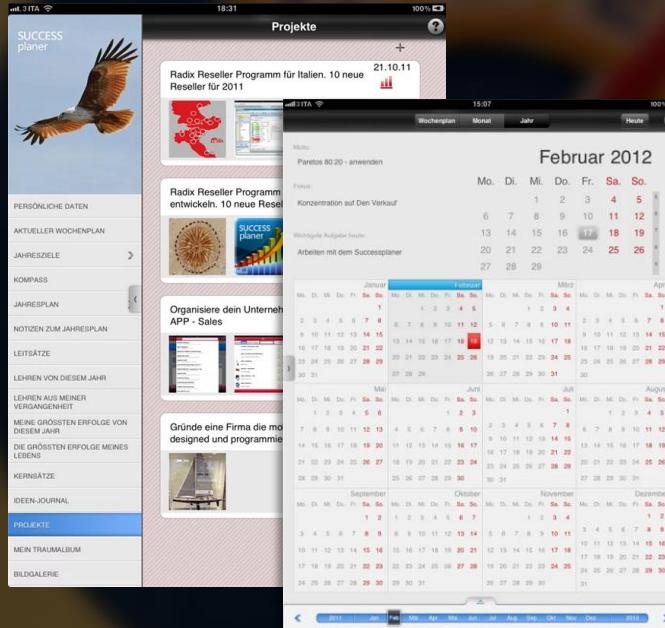
- A dream album to store key life events
- Ideas and project journals
- Weekly scheduling and annual planning
- Personal development tools
- Integration with the default calendar on the iPad and synchronization with phone calendars

## Technologies

- OBJECTIVE-C
- IPHONE SDK

## CLIENT

A provider of education solutions



## Green Atlas: Environmental Map App

The Elinext engineers delivered a mobile app integrated with Google Maps that displays ecologically significant locations and compare regions based on environmental parameters.

[Learn More ->](#)

### Features

- High-level interactions between map layers to enable map manipulation
- Markers and regions filters for filtering by ecological criteria
- Two modes of data displaying for low and high-performance devices

### Technologies

- JAVA
- ANDROID SDK
- MVC-PATTERN
- GOOGLE MAP API

# CLIENT

A Green IT company



## Green Quiz: An App to Broaden Users Eco-Knowledge

The project involved developing a mobile app for conducting interviews, quizzes, and gathering statistics, with seamless integration of social networks for sharing results.

[Learn More ->](#)

### Features

- Interviewing and quizzing
- Integration with Facebook, Twitter, and Google+ for sharing quiz results
- Collecting and displaying detailed statistics on completed quizzes and topics
- Support for iPhone/iPad and Android/Android tablets

### Technologies

- JAVA
- ANDROID SDK
- C/OBJECTIVE C
- MVC-PATTERN



## Rescue Game: Web Game To Train Evacuation Behaviour

The project is a logical game with gamification elements designed to train evacuation skills by setting emergency lightings in the correct order. The game runs smoothly on all modern web and mobile browsers.

[Learn More ->](#)

### Features

- Smooth animation for all objects
- Object speed change depending on the intensity of illumination
- Custom light physics algorithm
- Well-organized DOM structure

### Technologies

- PHP
- JQUERY
- HTML5

## CLIENT

An SME building and maintaining emergency lighting equipment



## Rescue Mobile Game To Teach Emergency Lighting And Fire Safety

The Elinext team developed an engaging mobile app designed to challenge a user to find the best location for exist signs and evacuate employees as quickly as possible. The app is available on iPhone/iPad and Android.

[Learn More ->](#)

### Features

- Displaying a floor plan of an office building
- Three blocks of emergency lightings
- Ten people inside the building
- A timer

### Technologies

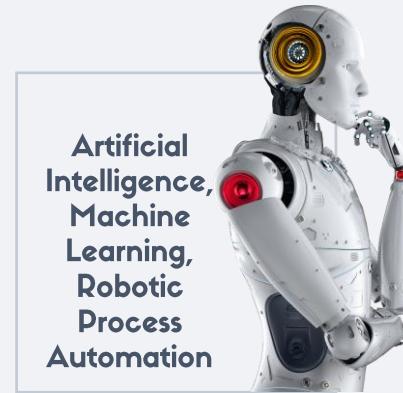
- C++
- C/C++
- UNITY 3D

## CLIENT

A European company specializing in emergency and safety lighting



# Solutions We Deliver



# Cooperation Models

## Fixed Cost

- To freeze project costs having a very detailed scope of work and schedule
- To avoid investing too much time in budget control and project tracking
- To develop an MVP or a small-scale product under \$50,000 USD
- To have a high level of predictability



## Time and Materials

- To be agile and adapt quickly your product to the market demand and internal needs
- To control the project costs and progress but it is difficult to define upfront scope, schedule and scope outlines
- To decrease costs by saving money calculated by the IT vendor for possible project risks

## Dedicated Team

- To extend your team's capacity
- To add specific knowledge or skills to your team
- To speed up your development process quickly
- To rely on the vendor's dev team as if it was sitting in our office

# Quality Delivered by the Team (Agile Model)

## Discovery and Design phase

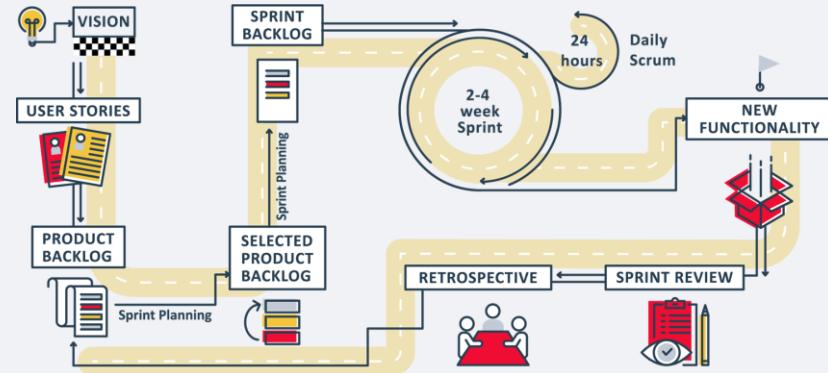
- Team setup
- Plan and prepare
- Refine requirements (Functional and Non-Functional)
- Design
- Architecture
- Infrastructure
- Product backlog

## Development – 1 sprint (1-2 weeks) – recurring till the final delivery

- Sprint backlog and planning
- Feature(s)
- “Ready for Release”
- Sprint backlog and planning
- Feature(s)
- “Ready for Release”

## Initial Analysis of requirements, planning, UI/UX Design (1-4 sprints):

- Proof features and their priority by value and complexity
- Design a truly flexible and future-proof solution
- Plan an effective communication model
- Ensure further possibility to develop several services/ features in parallel





# Let's set up a powerful collaboration!



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