



**SUMATOSOFT**

## PROJECT SPECS

### PROJECT TYPE

Web application

### TECHNOLOGIES

Ruby On Rails, ReactJS, ES6 JS, jQuery, AWS, Postgres, Puma, Capistrano, Stripe API, Fund America API, Grape, OmniAuth, Discourse, Sendgrid, Ckeditor, Wicked pdf (pdf composer), Bootstrap, Redis, Airbrake

### TEAM

3 Backend Developers  
1 Frontend Developer  
1 Designer  
2 QA Engineers  
1 Project Manager/ Business Analyst

### DURATION

1+ year, in progress

### METHODOLOGY

Scrum

## TESTIMONIAL

SumatoSoft is great in every regard including costs, professionalism, transparency, and willingness to guide. I think they were great advisors early on when we weren't ready with a fully fleshed idea that could go to market. They know the business and startup scene as well globally.

They did a great job hitting cost estimates and are a bargain for quality. They also helped our business concept greatly. We are confident in our plan and future in the hands of SumatoSoft.

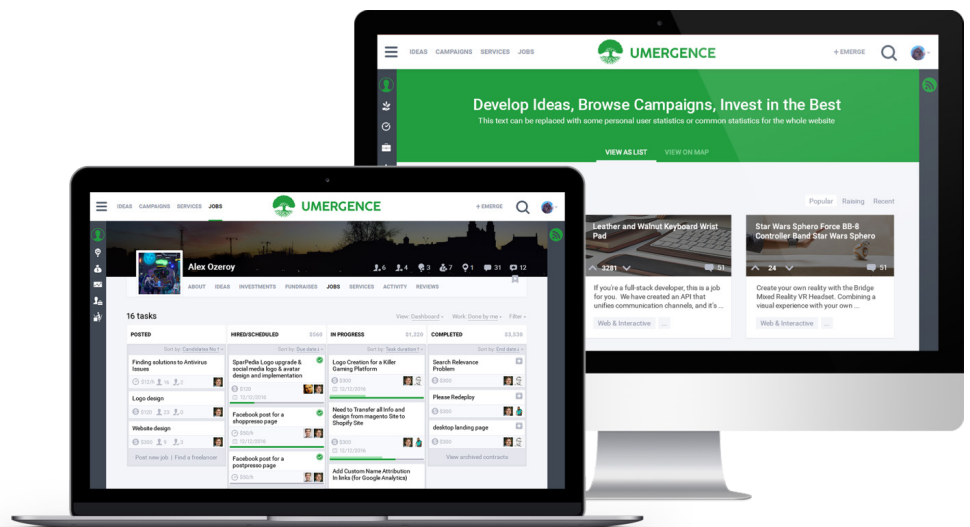


David Logan,  
Co-founder of  
Umergence  
Holdings LLC

**Client:** Umergence Holdings LLC  
**Region:** USA  
**Industry:** Crowdfunding, Finance  
**Website:** <https://umergence.ventures/>

## Umergence — Connecting Ideas, Capital, and Labor

Umergence is a unique platform that connects people with ideas to people with skills and capital.



## BUSINESS CHALLENGES

Umergence founders came to SumatoSoft with an idea of a crowdfunding platform that would allow multiple types of investments and donations for individual investors. The platform should have a key feature - to allow entrepreneurs to involve or hire other platform members to speed up the development of ideas or campaigns.

So, the platform should combine features of both crowdfunding, project management and hiring services.

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## OBJECTIVES

- Develop a web application which works with various investment flows;
- Integration with Edgar and Fund America;
- Create the design that allows users to easily understand and follow the flow from publishing an idea to fundraising and project management;
- Implement escrow functionality for hiring module.

## SOLUTION

SumatoSoft planned, designed and developed a complex web-based application which includes the following big functional modules:

- Startup Ideas creation and development
- Fundraising campaigns creation, verification, publishing and raising capital
- Investment types management
- Freelancer jobs posting/application
- Hiring and managing people for the project

## DISTINCTIVE FEATURES

- Creating campaigns and collecting money in an escrow-like way (Stripe);
- Selling shares in an escrow-like way (Fund America);
- Filling in and building XML files for EDGAR forms;
- Online chatting (without page reloading);
- Feed panel (without page reloading);
- Publishing vacancies (both on Fixed price/Time material models) and searching for freelancers;
- Kanban-like dashboard for employers and freelancers to control all the work;
- Sprints functionality for Hourly rate vacancies;
- Payment process (Stripe) for payments;
- Files encryption.

The final solution has become much bigger in functionality than it was planned initially. The investment flow has been revised several times to meet the governmental and business requirements. Also, lots of changes have been introduced to meet the new laws released during the project.

We managed to handle the changes in a fast and efficient way thanks to an Agile methodology (Scrum) followed at the project and established processes between the team and the client.





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## **BUSINESS BENEFITS**


During the project our clients found out and understood the possible business flows in crowdfunding in a more clear way, and we found the way the crowdfunding activities as simple as possible for the startups while they follow all strict recommendations and regulations of US financial institutions.

Besides, users will get a unified platform for their startup project development — all in one place — from idea verification through its development and fundraising.

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