



P O R T F O L I O 2 0 1 7

Better apps, together

Date My Friend

Swift- Node.js- Firebase

DATE:
JUNE 2016 - ON GOING

CHALLENGE:

Date My Friend is a native iOS application that allows users to choose potential dates for their friends and themselves. When there is a match, friends of each dater enter a group chat. If all goes well, both groups of friends agree to introduce the daters. The daters then receive a new one-on-one chat with their match.

OUR WORK:

We helped the client to build the entire app from scratch, including design, back-end and iOS development. We included matching algorithms and a fully functional chat inside the app.

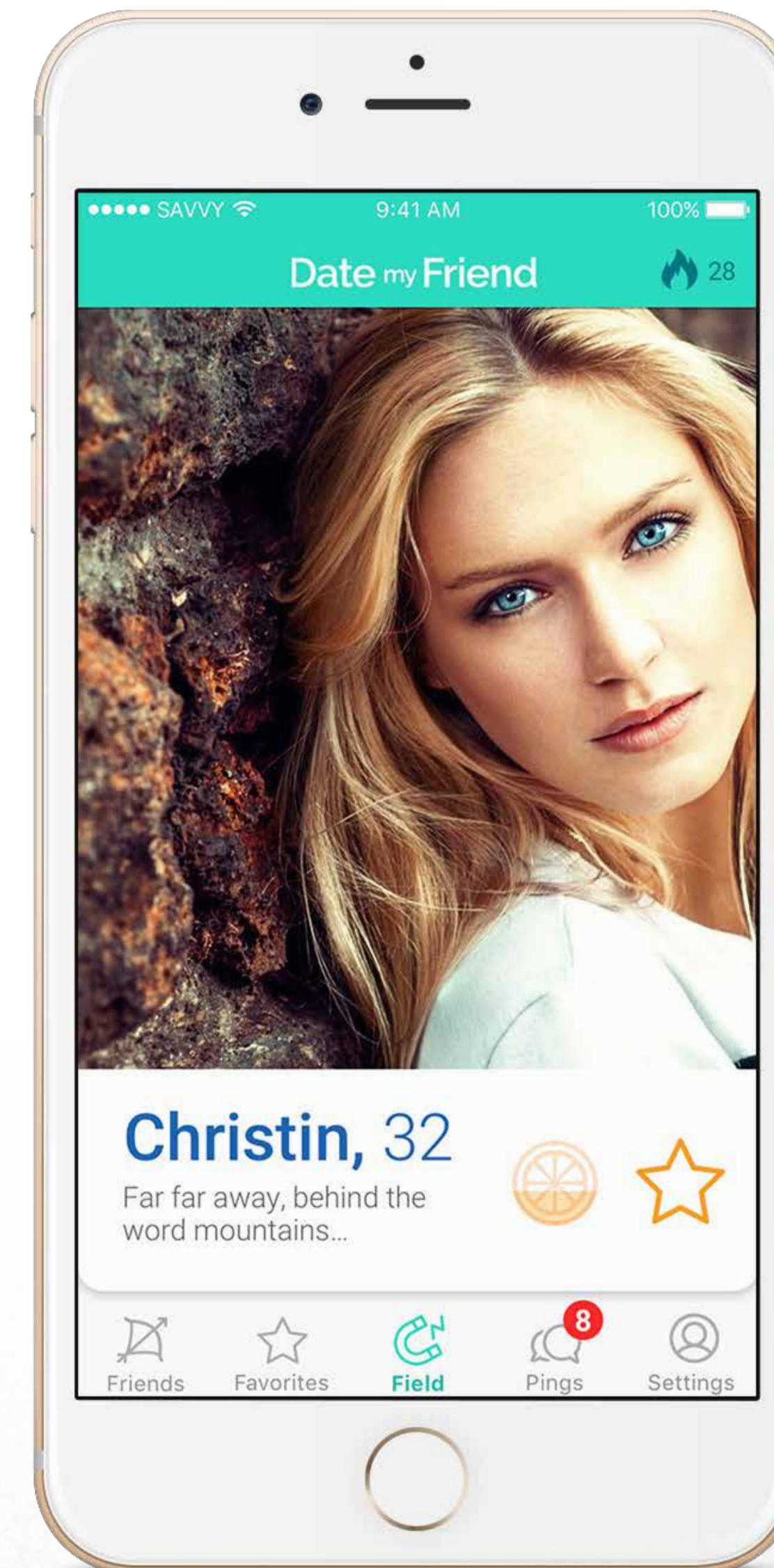
RESULTS:

We have released the first version along with a landing site, and are working with the client on enhancing and improving the app as it gains traction.

TECHNOLOGIES & TOOLS:

Swift, AWS S3, Cloudinary, Strongloop, Loopback, Firebase, PostgreSQL

LINKS:
[Website](#)



“As a non-technical person, I found Bixlabs to be a huge asset and education resource for the things I needed to do and know in order to build and launch an app.”

[Read more](#)

CHALLENGE:

Arbit is a unique social network that connects users with their friends, favorite athletes, celebrities, brands, and more in side-by-side picture polling. Client had a complete iOS app and needed to create Android version, fast.

OUR WORK:

We did the Android app UI design having the iOS version as a guide, while following Material Design. We developed the Android app from scratch within 3 months, covering its main functionalities.

RESULTS:

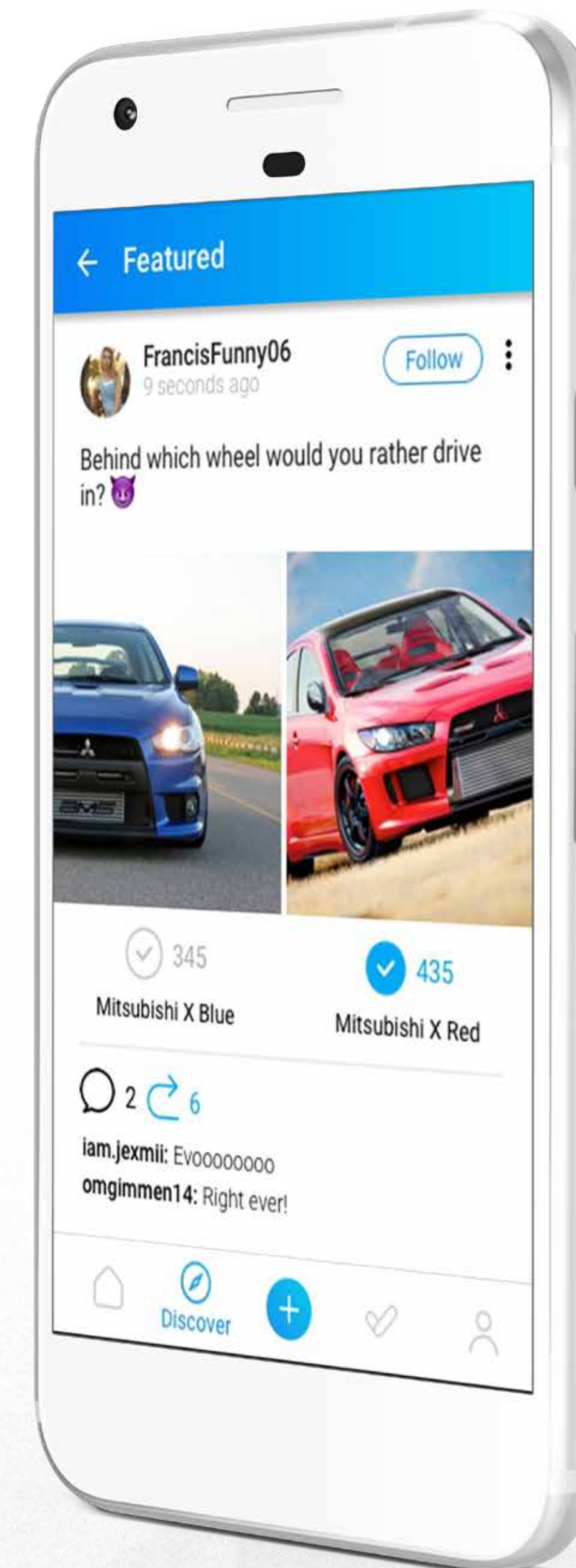
Today we continue to grow the application by adding new features and being part of the team. The app has received investment from well know NBA players and the founders continue to grow their business.

TECHNOLOGIES & TOOLS:

Android SDK, Java

LINKS:

[Website](#)
[Android app](#)



CHALLENGE:

To-do bot is a task manager within Slack which uses commands to create tasks, set due dates and assign tasks to team members, all without leaving the conversation. The project was to build To-do bot outside of Slack, as a web application. Over 60,000 teams have installed To-do bot on Slack and users have asked to be able to manage their tasks using a GUI.

OUR WORK:

We created a web application that extends the plugin functionality and allow the users to manage tasks in an easier way including:

- *User Settings Page*
- *Task details page*
- *Dashboard of all tasks and to-do lists*

RESULTS:

The response to the web application has been really positive and users are loving the ease of use. They are now able to mark a task done with a click of a button and easily add comments and tasks.

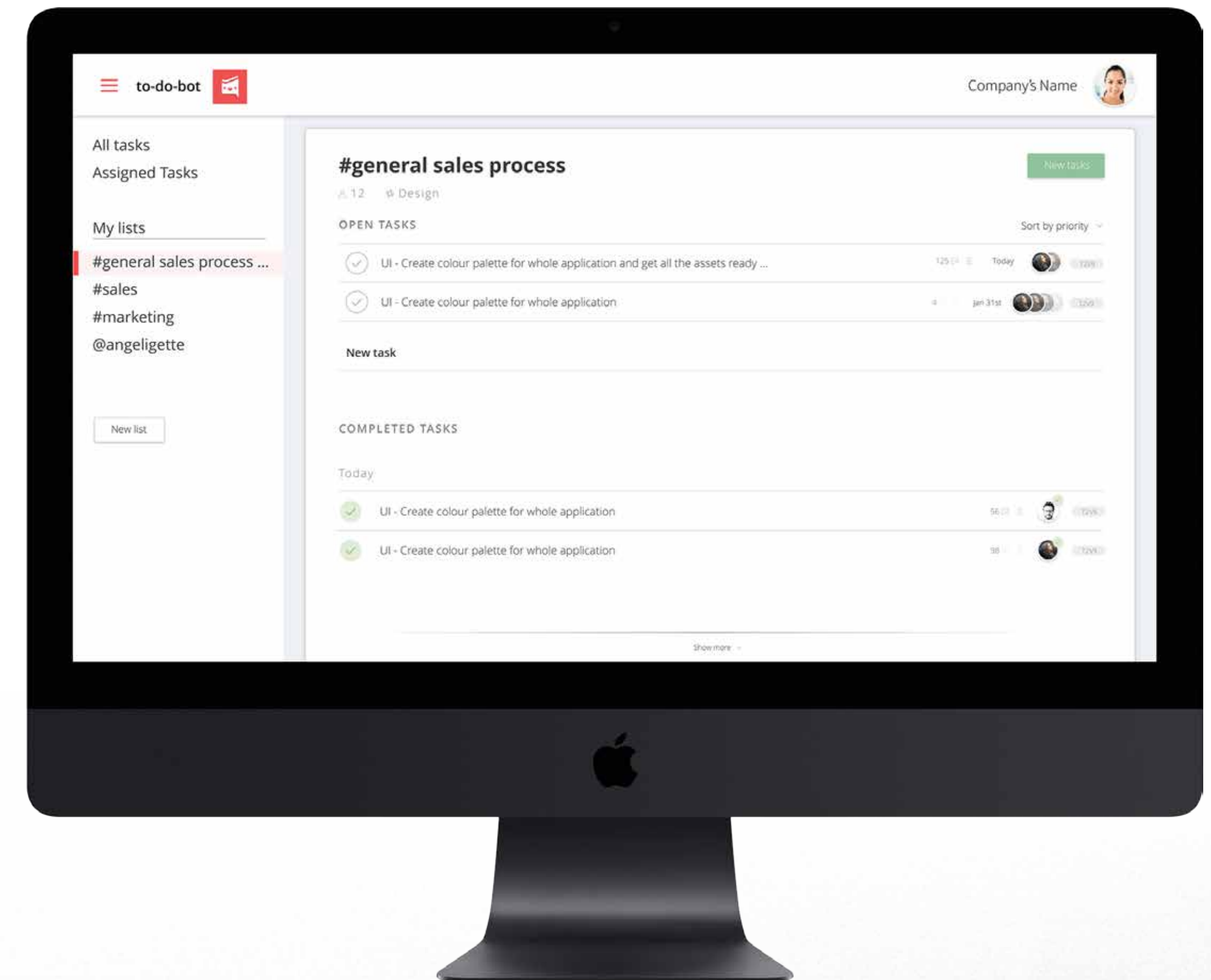
The dashboard has allowed users a place to see all of their tasks in a easier way, and users can manage their workload all from one place

TECHNOLOGIES & TOOLS:

HTML, CSS, Node.js, Angular.js, Express, Mongoose, Redis, Socket.io

LINKS:

[Website](#)



“The quality of Bixlabs' team is high in comparison to what we had. We simply liked their skillset and the results of the work.”

[Read more](#)

CHALLENGE:

The client was creating a new platform based on openshift V3 and needed a set of skilled developers to help him create a community of web developers that could serve to facilitate the usage of the new platform.

OUR WORK:

We researched the architecture of openshift v3 platform, understanding all that is required to be able to provide support to the community once its up and running. We also helped create the applications needed for the community:

- Landing page
- Self service web platform
- Blog
- Openshift docker images (for building code)
- Openshift docker application templates

RESULTS:

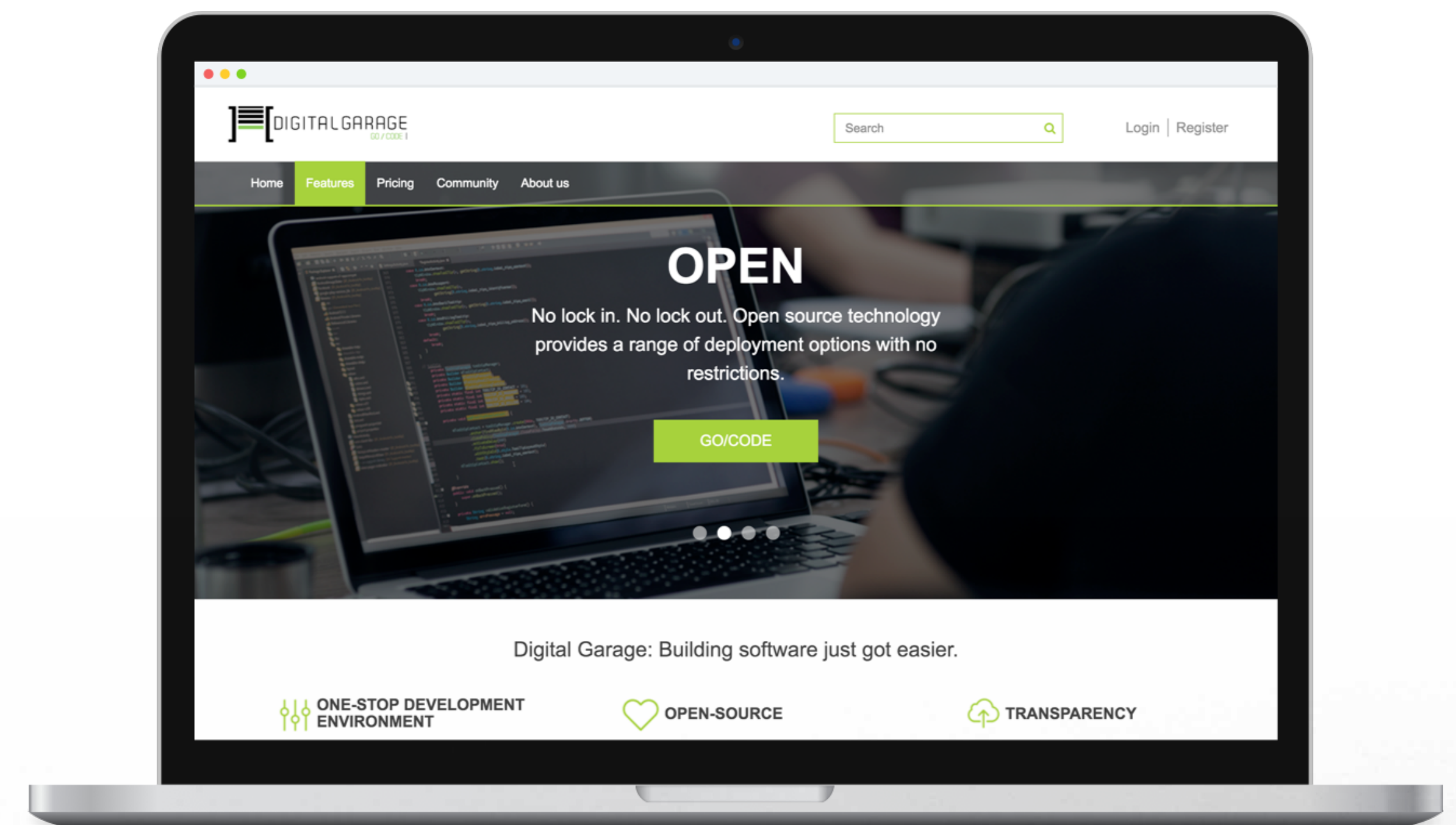
The project is ongoing, but we successfully delivered the changes required for the Self Service application as well as the landing page. Also we started working on having a deep knowledge of the openshift V3 architecture and studying Docker as is the base pillar of its architecture.

TECHNOLOGIES & TOOLS:

HTML, CSS, JavaScript, Angular.js, Docker, Strongloop

LINKS:

[Website](#)



“Bixlabs has done a nice job of listening, putting a lot of energy into it, and they also take real pride in their work.”

[Read more](#)

CHALLENGE:

The client reached out with an app for self improvement which they wanted to revamp. The main challenge was to create a website for administrators to manage the application and create content dynamically, that could be integrated and work seamlessly with the iOS app.

OUR WORK:

We worked on a per Sprint basis, completing different tasks in the back-end such as: configuring test, demo and production environments using DigitalOcean, creating back-end modules adding authorization, authentication, integration with Activity, and CRUD methods for several entities.

We also have been working on a responsive front-end based on Angular and a native iOS application. We also communicated with the US team daily through Jira and Scrum.

RESULTS:

We managed to continuously deliver new features, adding tests for all our services, implementing services to feed native iOS app & administration section, integrating decision engine project as well as performing task automation and adding continuous integration tools.

TECHNOLOGIES & TOOLS:

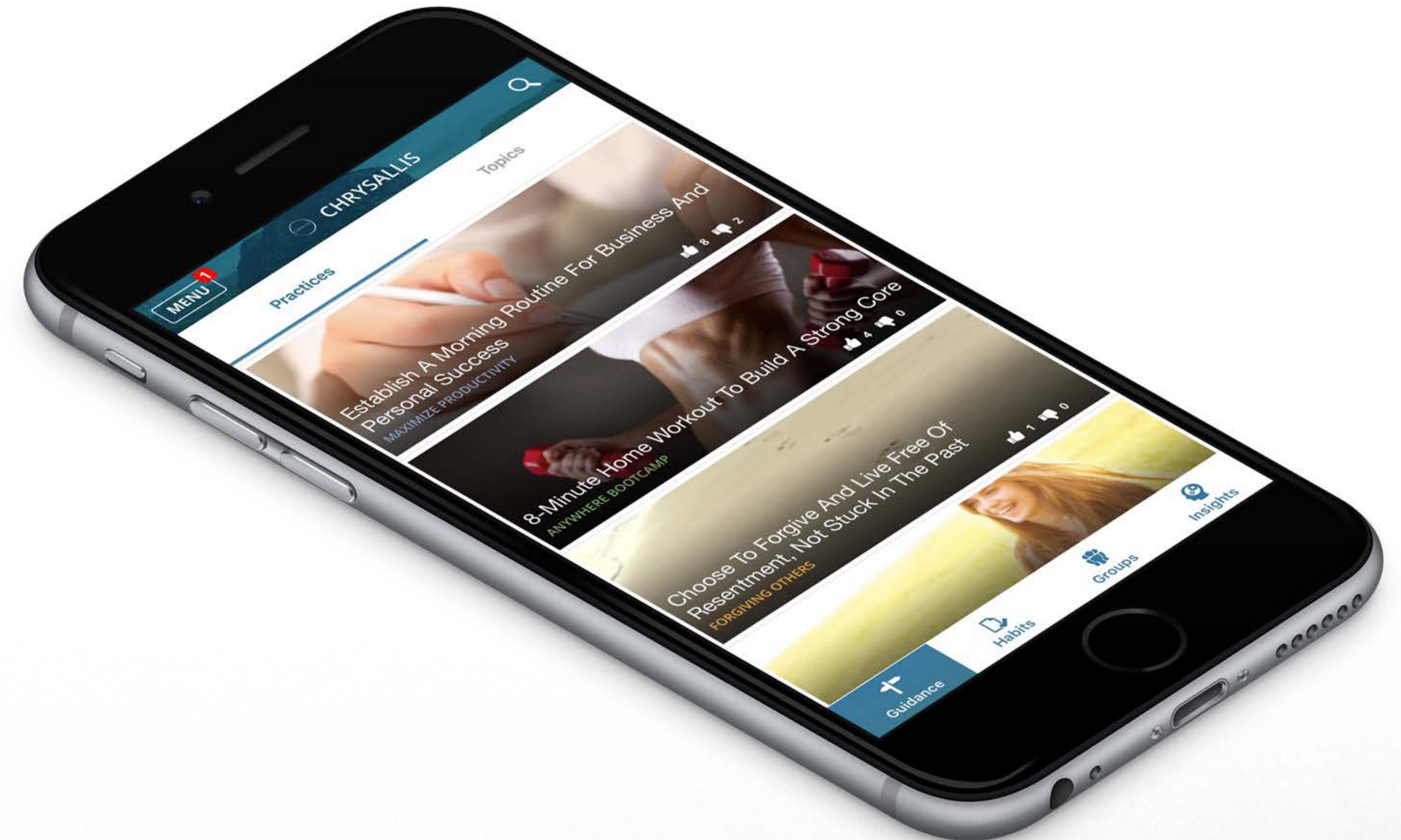
Backend development: **Activiti.org**, **Node.js**, **Bookshelf.js**, **Bluebird**, **PostgreSQL**, **Redis**, **Cloudinary**. **Mocha & Chai** for tests.

Front end development: **Angular.js** (**angular ui**, **ui-router**, **ocLazyLoad**, **http-auth-interceptor**), **SASS**, **Protractor** for testing.

Infrastructure: **Amazon web services**, **DigitalOcean**, **Bash scripts**, **CodeShip**, **S3 storage**. Tools: **Slack**, **JIRA**, **Git**

LINKS:

[Website](#)
[iOS app](#)



“Bixlabs has done a nice job of listening, putting a lot of energy into it, and they also take real pride in their work.”

[Read more](#)

Gearstream - GPS

Backbone - Cordova - SASS

DATE:
JANUARY 2014 - ON GOING

CHALLENGE:

In 2014 we were contacted by Gearstream to continue developing an application for Agile coaches and teams, using mainly Backbone, handlebars, Cordova and SASS, among other technologies.

Our mission was to fix specific problems and add some new functionalities. If everything worked well, we had a great possibility to continue working together, adding more feature and maintaining the application.

OUR WORK:

We started by working on their iPad app (using Cordova) and worked some months to release a version for beta testing. After that, the client decided to focus on a redesign and a web version.

RESULTS:

After more than two years, we are still happily working together, with a team of 3 developers and a great product under development. Some of the main challenges we encountered were to refactor the app, to change the BAAS two times, to entirely redesign the app and to change the development methodology, to work in a more agile and lean way.

TECHNOLOGIES & TOOLS:

JavaScript, Backbone, handlebars, SASS, D3, tapquo

Testing & CI: MagnumCI, nightwatchjs.

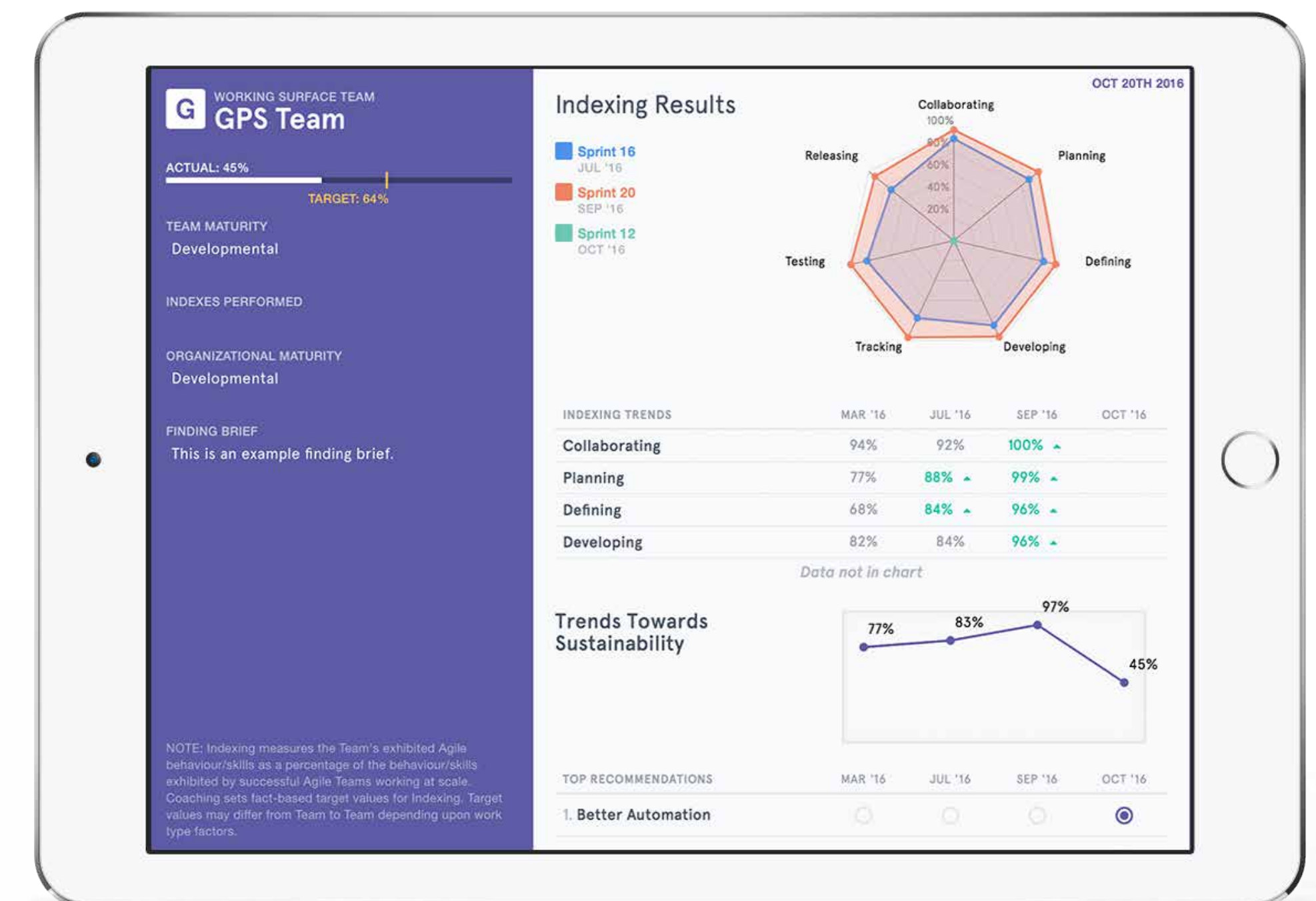
Github using pull requests and wiki, Pivotal tracker, Flowdock

Backend: Stackmob, backendless, Bassbox.

LINKS:

[WEBSITE](#)

[Demo](#)



“It's a very personal relationship with their staff.”

[Read more](#)

TASK/CHALLENGE:

The client is a US entrepreneur that was in the beginning stages and needed a team that could help him create an app with Angular and Node.

The idea was to have an application to connect business centers with local workers to create fast links between jobs and local workers.

The concept was evolving fast and we had to adapt quickly to the changing needs.

OUR WORK:

With an efficient and intuitive design, we structured and simplified the communication between companies and local work. We integrated a variety of tools in an application that is easy to use.

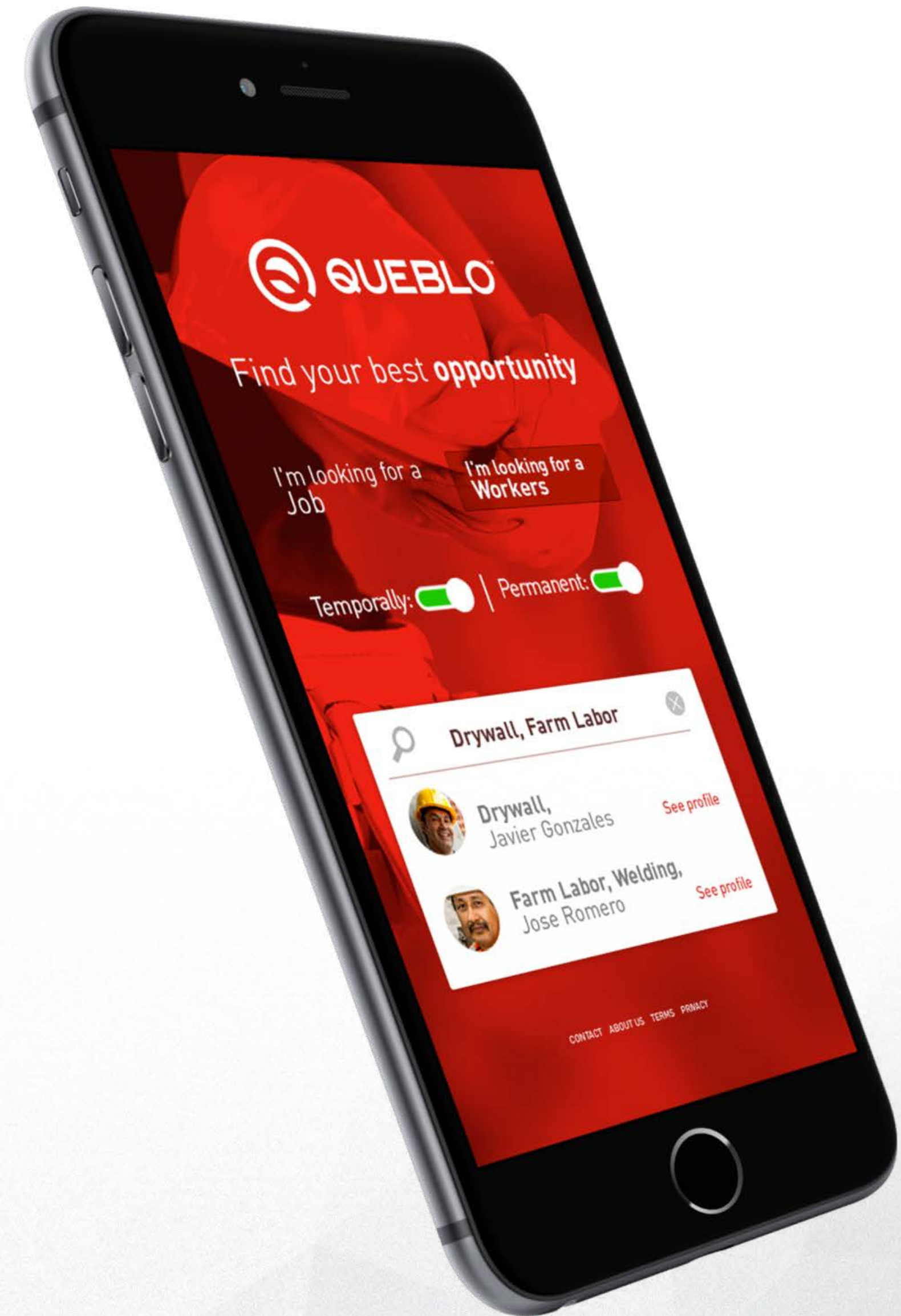
We worked side by side with the funding team to develop an application that could satisfy everyone's need: client, users and investors. We were able to leverage latest technologies to provide a platform for workers and businesses to connect faster and more efficiently. We integrated seamlessly to the existent team and became an [extension](#) of it.

TECHNOLOGIES & TOOLS:

Angular.js, Node.js, Loopback, MongoDB, Twilio, Cloudinary, Nginx

LINKS:

[Website](#)



Gayborhood

Node.js- Angular.js- Swift- Android

DATE:
FEBRUARY 2017 - ON GOING

CHALLENGE:

The Gayborhood solution brings an LGBT establishments city guide to mobile and web, allowing users to access information on friendly businesses and event that provide a non-discriminatory and safe environment.

OUR WORK:

- iOS and Android native applications where users can search, review and provide feedback from their mobile devices
- A website where users can achieve all the same functionality as on the mobile apps
- A server where information is centralized and managed

RESULTS:

We created a new experience from scratch, in order consumers and businesses are able to collaborate together via feedback, rating and reviews, so that LGBT community users can rely on real information when deciding where to go to have a good time.

TECHNOLOGIES & TOOLS:

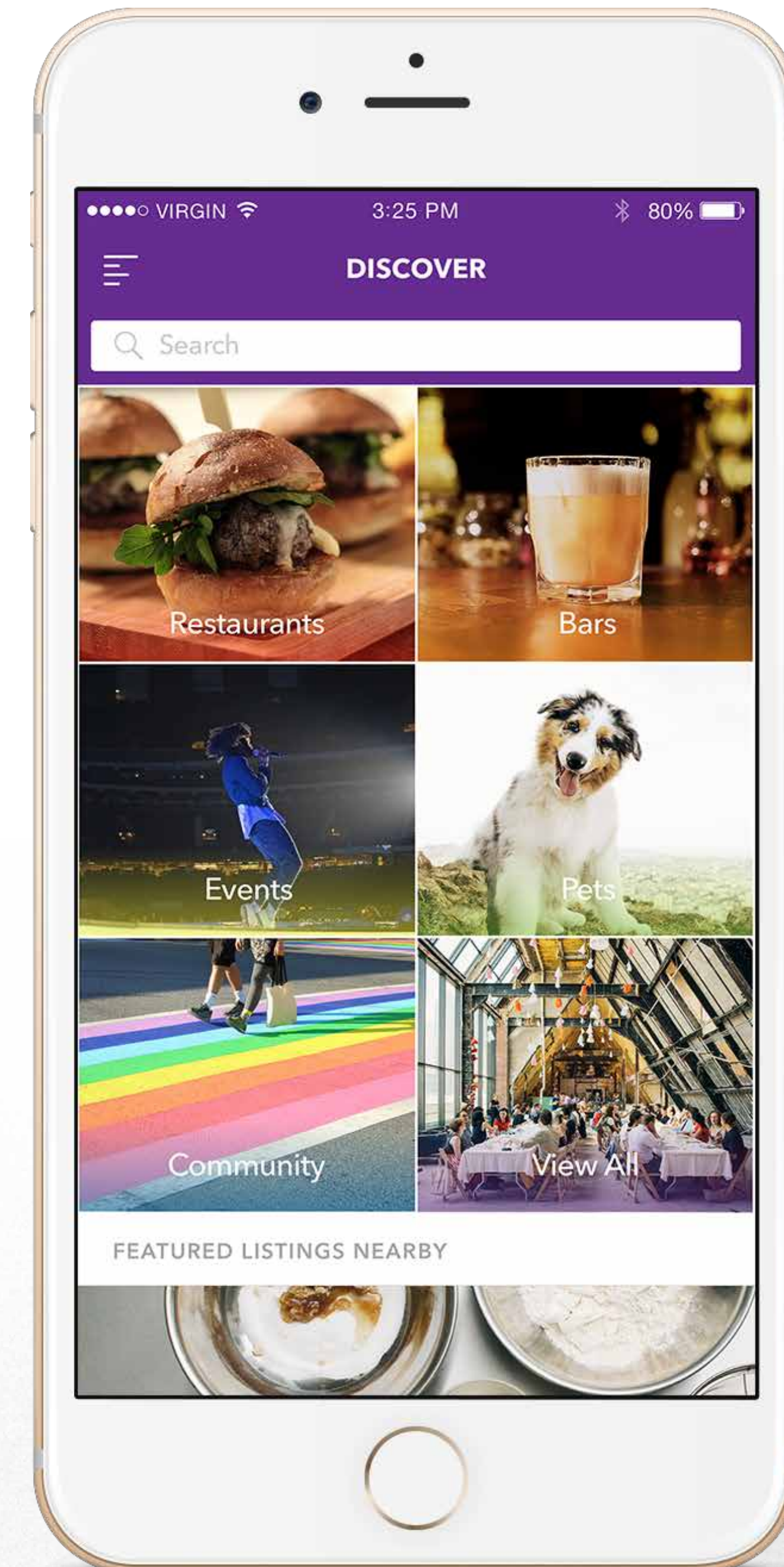
Node.js, Loopback, Angular.js, Swift, Android, Bootstrap, PostgreSQL

LINKS:

[Website](#)

[iOS App](#)

[Android App](#)



CHALLENGE:

The challenge was to create a new platform that could serve the same functionalities as well as new features needed to expand their business to mobile devices and facebook advertising.

They came to us looking for deep Angular.js/CSS/HTML knowledge to take on the frontend part of the development as part of an existing team.

OUR WORK:

We provided a set of skilled JavaScript/Angular.js developers that could take on the challenge of creating a new front-end that fits their needs, with a new and updated UI that could serve the existing needs of their advertisers managers.

We created a front-end and back-end, that provides user administration, advertising campaigns management, targeting for advertising campaigns, black and white listings of URLs where advertisement could be served, Facebook integration to create and manage Facebook advertising campaigns and other functionalities.

RESULTS:

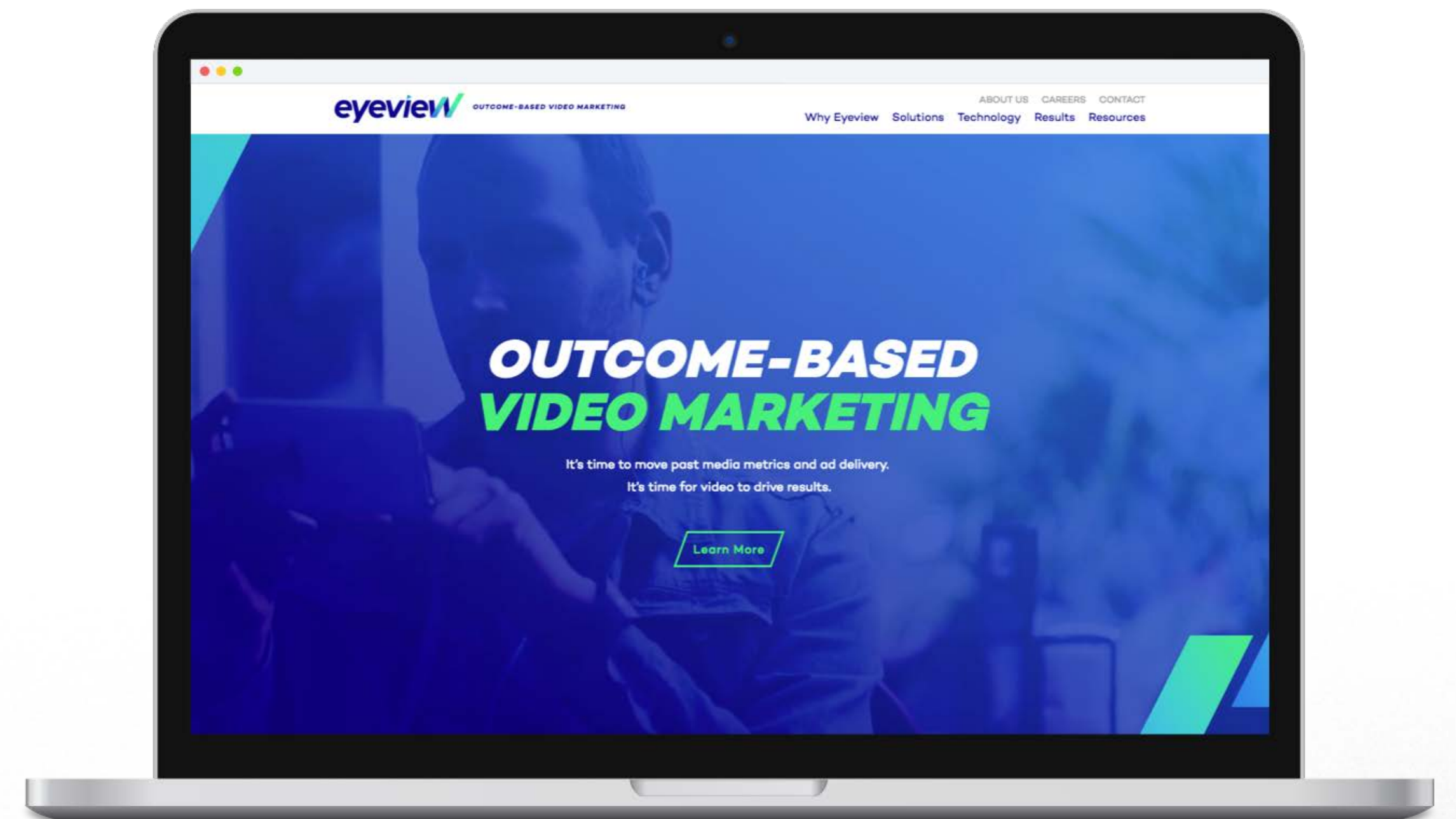
The project is ongoing, we implemented a web application that allows its users to perform same actions than the previous version and implemented a set of new functionalities, like Facebook integration, that helps create a top of the line and innovative advertising platform.

TECHNOLOGIES & TOOLS:

HTML, CSS, JavaScript, Angular.js, SASS, JIRA

LINKS:

[Website](#)



CHALLENGE:

The client wanted to build a platform that worked on Web as well as on iOS in order to perform and manage public opinion surveys.

In the app the user can see surveys that are published categorized in different themes (Sports, politics, education) and they can vote, compare their votes to others (their friends votes or people in general), discuss with friends and share their vote in social media.

OUR WORK:

We did the development of the iOS app as in native Swift and the development of the web app in Angular.js. We required a lot of coordination and good communication with the team in order to put it through on time and with the quality that was expected.

RESULTS:

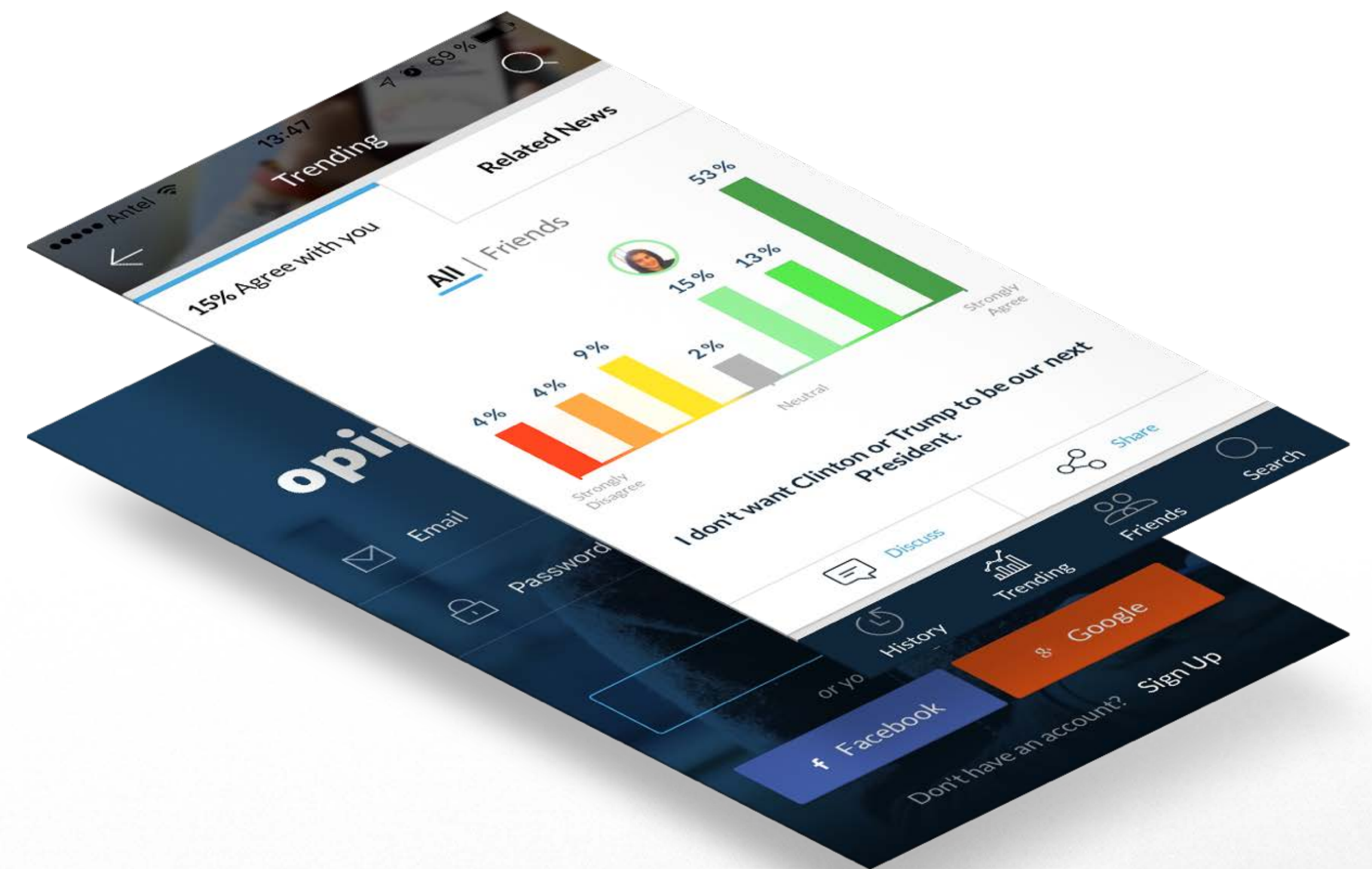
We were able to finish the product in 4 months between stages of planning, design and development.

TECHNOLOGIES & TOOLS:

Swift, Angular.js, Bootstrap, ReactJS

LINKS:

[iTunes](#)
[Official Website](#)
[Video Demo](#)



CHALLENGE:

The client contacted us in order to redo and add functionalities to his multi tenant system used to manage resources, construction projects and other categories.

Some of the functionalities that the client was looking for are certification management, employee management, inspection report management for bridges, houses and buildings; assistance notification, pending work and other functionalities.

OUR WORK:

We are developing an Angular.js web app in order to set all the management of the site and a Node.js app in Amazon with a multi tenant architecture in order to support various users and have dedicated data base if it is necessary. Regarding the mobile side, we are using Ionic in order to make the mobile app, multi platform prioritizing the speed of the development, making the key function the notifications to users.

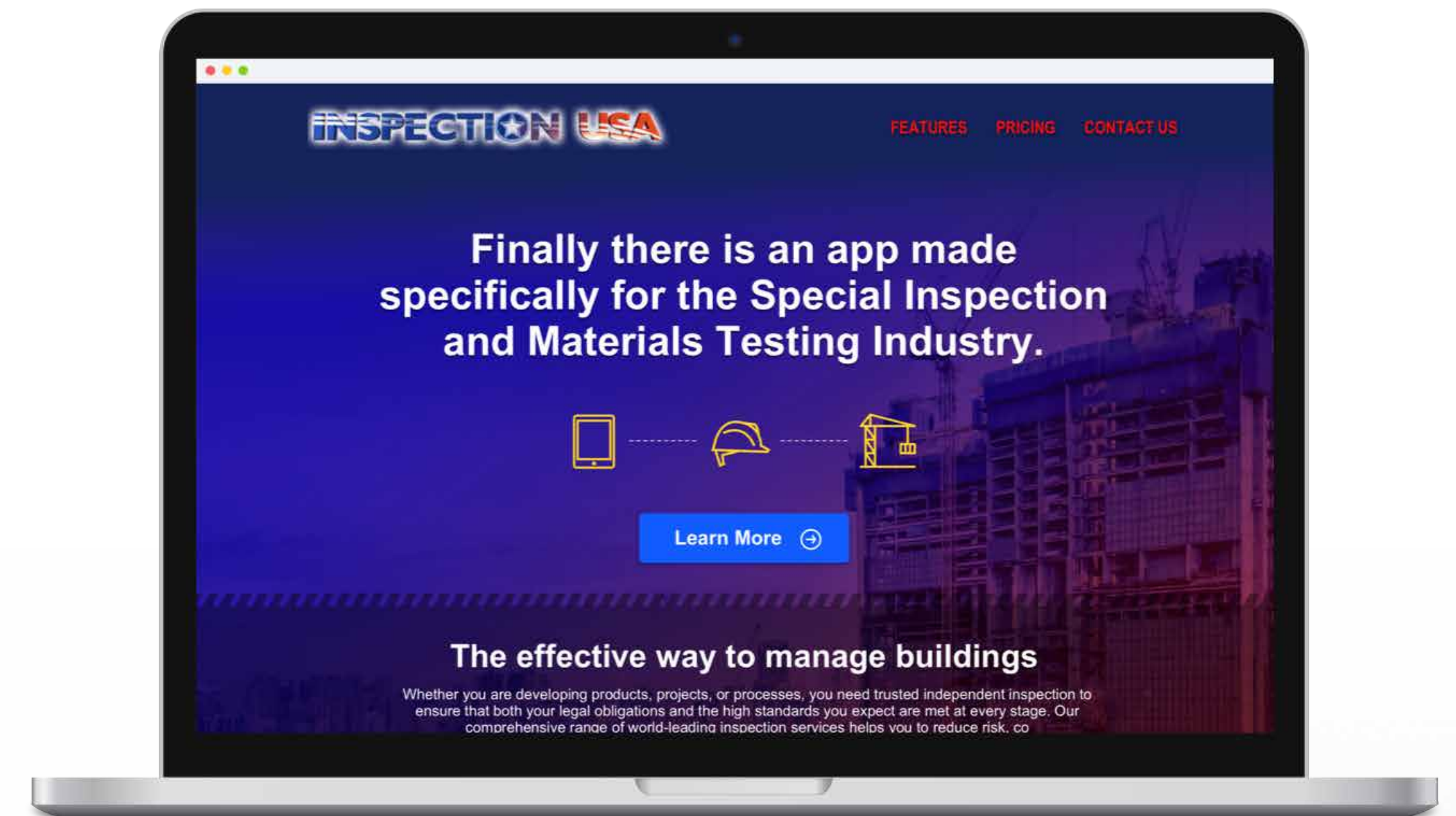
RESULTS:

Even though it is still under development, we are holding 2 demos per month with the client and we are very close to our first version.

TECHNOLOGIES & TOOLS:

Node.js, Angular.js, Ionic, Bootstrap, PostgreSQL, Amazon aws, Docker

Website



CBRE Inspectus

Angular.js - Cordova - Ionic

DATE:
JANUARY 2015 - AUGUST 2015

CHALLENGE:

Client was looking for a mobile expert that could help their company develop a hybrid app for home inspectors in order to keep track of their day to day work, upload information on the go and be able to synchronize it with a server.

The challenge included creating a mobile Cordova/Ionic app from scratch, as well as working side by side with their existing team, located in the UK.

OUR WORK:

We implemented their design using Cordova and Ionic, applying the latest trends and recommendations for Angular mobile apps.

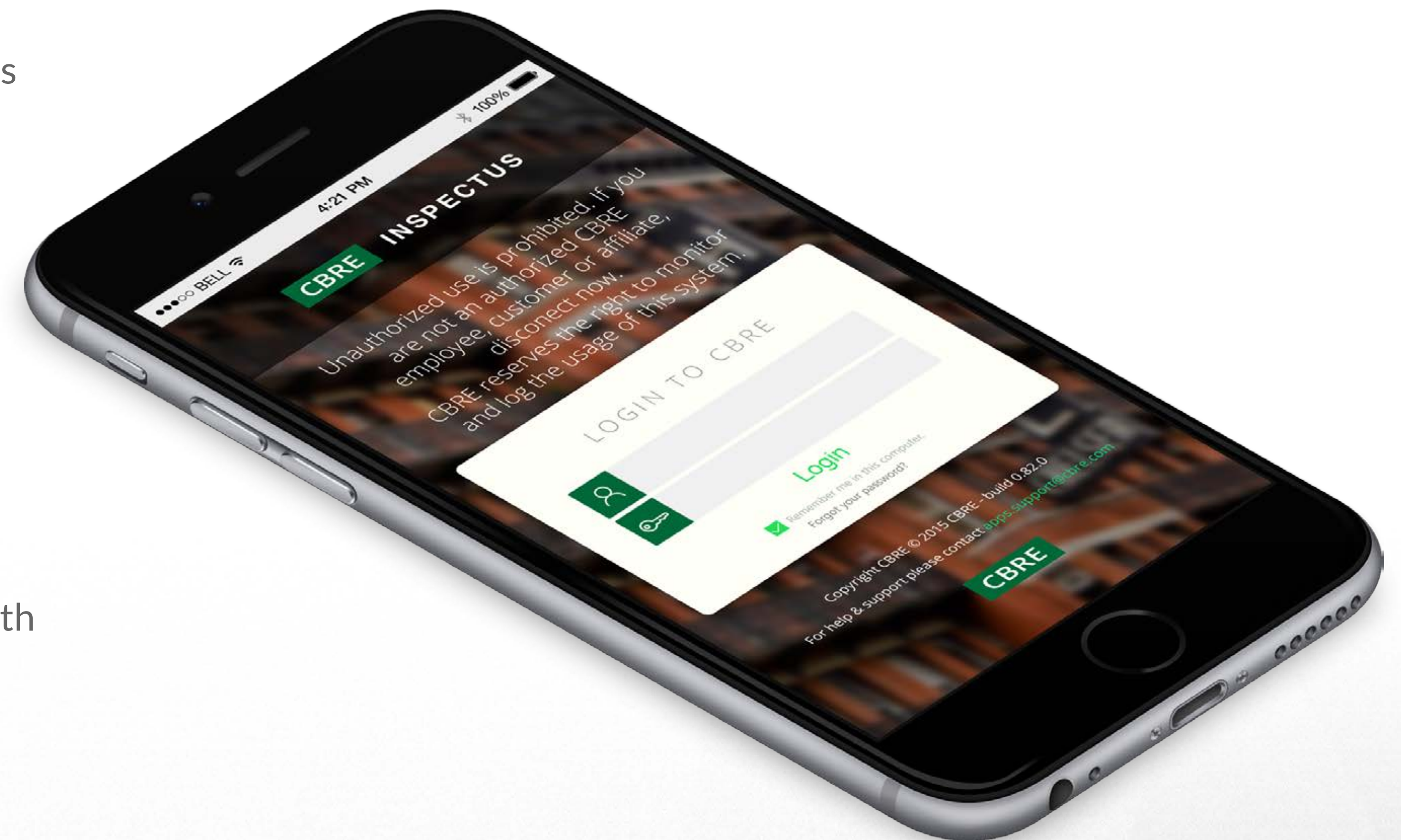
We created a solution for both iOS and Android, targeting mainly iPad mini and the latest Samsung Galaxy.

RESULTS:

The result is a mobile app that works without glitches and perform great both in iOS and Android devices, that help inspectors by making their daily job easier and faster.

TECHNOLOGIES & TOOLS:

Angular.js, Ionic (beta), Cordova, SASS, PouchDB



CHALLENGE:

The client was creating an application from scratch for its network of real estate offices to let them organize work, keep track of the activity of each branch and agent, manage the different properties and other related functionalities.

They came to us looking to complete certain sections of the application, both in terms of design and implementation.

OUR WORK:

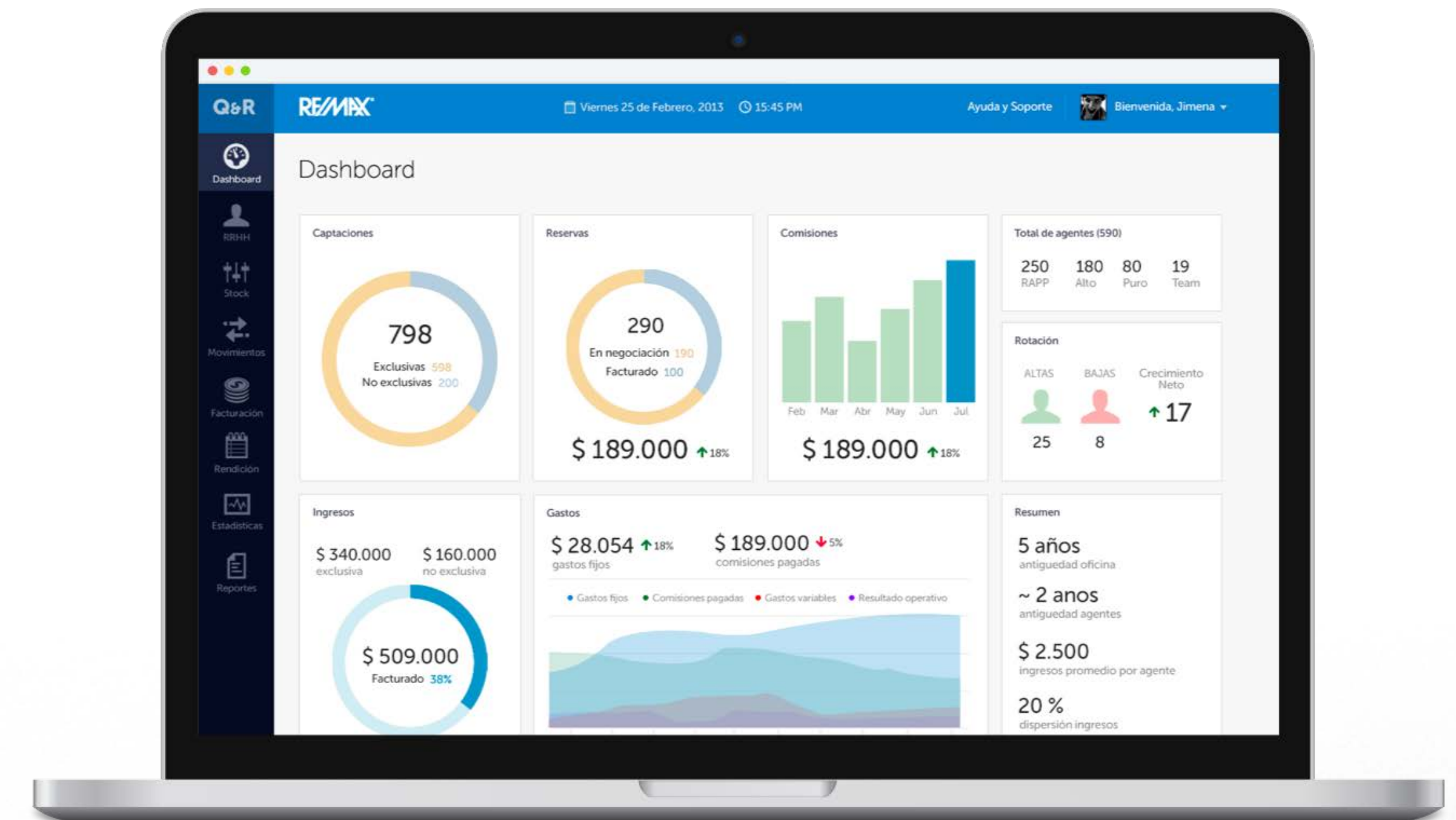
We provided a graphic design that matched their needs, looking for better ways to display information and graphics. We developed the front-end for those sections using JavaScript, HTML and CSS. (annual report, cash flow report and operation costs)

RESULTS:

We integrated our work to the final application, giving the application the possibility to track monthly and annual money flows, with visual consistency and clear tables that could be sorted and filtered.

TECHNOLOGIES & TOOLS:

Photoshop, HTML, CSS, JavaScript, Bitbucket, Heroku



“Very good communication and quality of final product”

[Read more](#)

CHALLENGE:

The client was looking for a development team that accompanied them in their project by making suggestions and giving opinions from an experienced and technical point of view. While also performing the development of the application.

The application helps the user enjoy the best of food by helping you pick menus of foods that you like and that are aligned with you. Menud allows you to follow food experts, who will help you find good and delicious foods.

OUR WORK:

We were in charge of creating an MVP of the product in order to find investors. We worked together in order to achieve a good user experience, identify and develop the main functionalities of the product.

RESULTS:

In about 3 months we identified and developed an MVP that is already in the APP store. We also built an admin section made in Angular.js to manage the restaurants and menus.

Finally we also integrated the server with a US restaurant provider in order to amplify the content of the app.

TECHNOLOGIES & TOOLS:

Swift, Node.js, Loopback, PostgreSQL

LINKS:

[iOS APP](#)

[WEBSITE](#)



Math Quizzer

Android

DATE:
FEBRUARY 2016 - JUNE 2016

CHALLENGE:

To develop an app with mathematical trivias that generated infinite math exercises based on a set of rules that determined its difficulty, all this packed in a flamboyant app.

OUR WORK:

Parting from the clients idea and a set of sketches, we designed, implemented and distributed the app in the play store.

RESULTS:

In 3 weeks we designed and developed a beautiful app, easy and fun to use, thanks to the development based on tests we were able to change the logic while in progress allowing us to generate exercises with a very minimum rate of bugs.

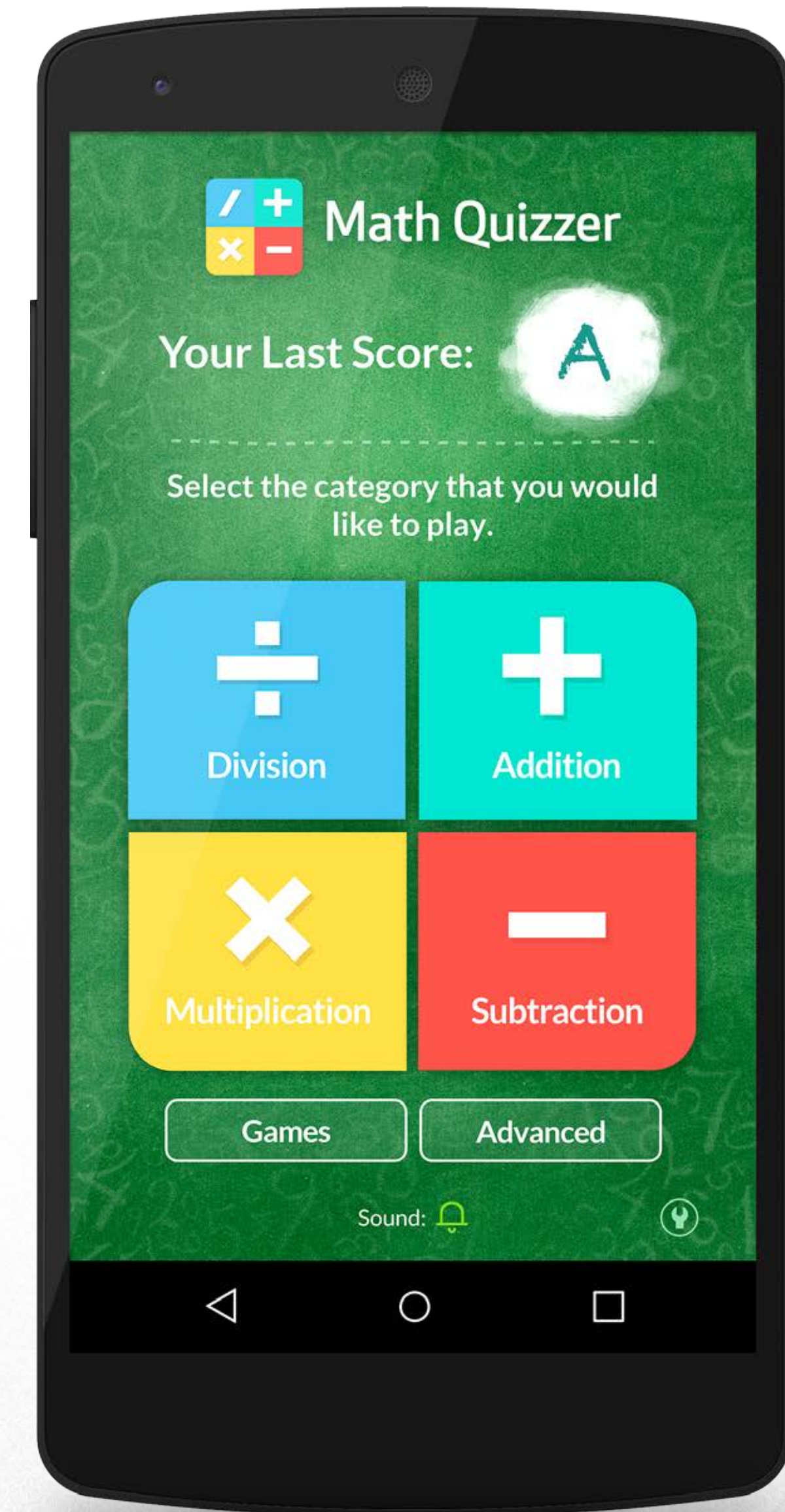
TECHNOLOGIES & TOOLS:

JavaScript, Android SDK, Sketch App, Photoshop

LINKS:

[Android app](#)

[Video Demo](#)



CHALLENGE:

The client is a company from the UK that is focused in offering energy services with the benefit of being able to monitor and save in what is consumed.

For this they use an app that shows different information of the user and provides them with information of their service.

They needed help in order to continue developing this application, specially in the front-end with Angular.

OUR WORK:

We joined the team by collaborating actively and directly with the Product Manager, to add functionalities, test and improve the app.

RESULTS:

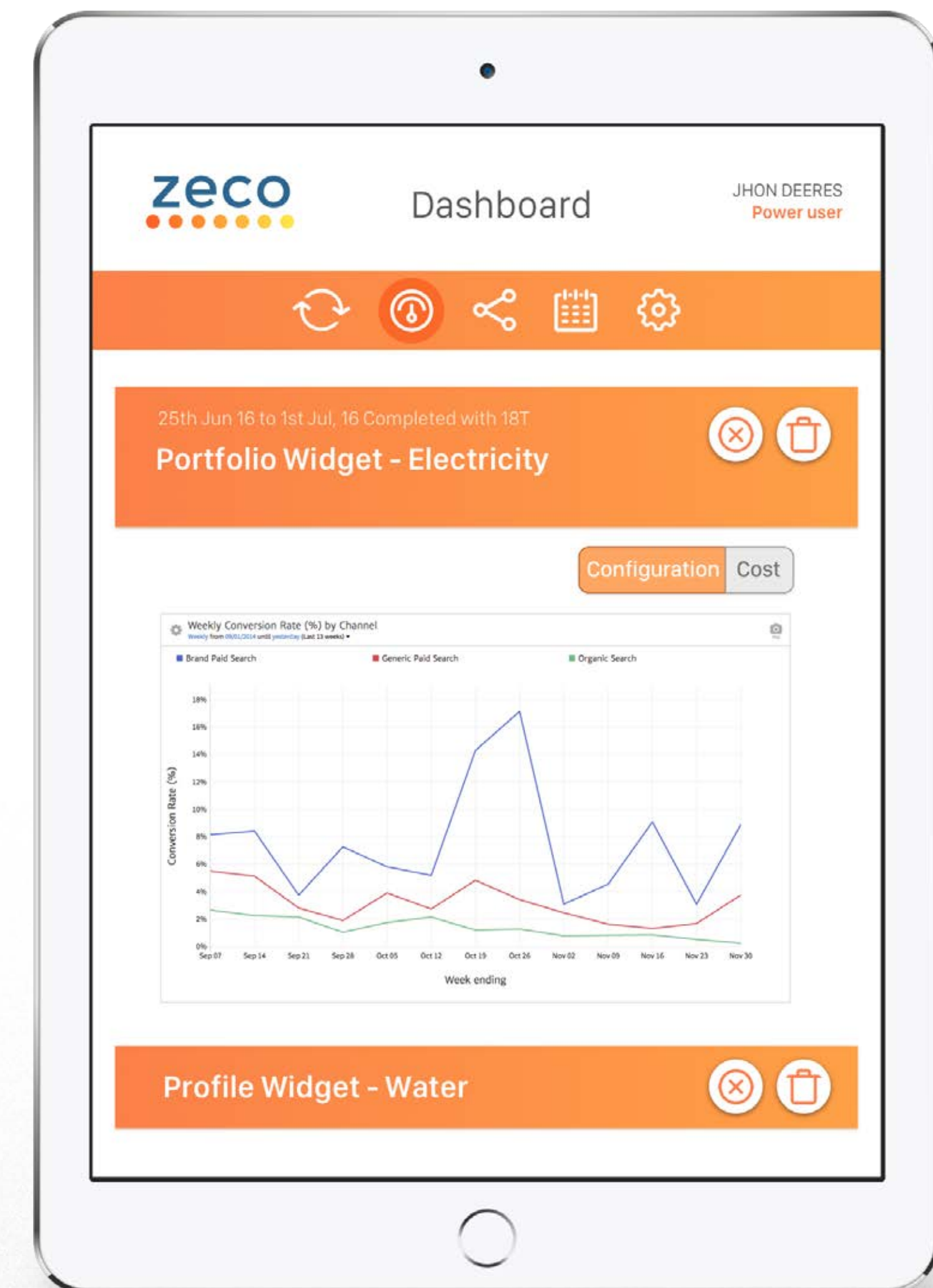
For 7 months we were able to deliver many functionalities that provide more data to the client, with a robust and maintainable code, helping accelerate the “time-to-market” of the product.

TECHNOLOGIES & TOOLS:

Angular.js, Foundation, Angular Material, Sugar, Compass y SASS, ForeRunner DB, Ng-Csv, Karma

LINKS:

[WEBSITE](#)



CHALLENGE:

The client needed an application that worked as base for future multi platform apps developed in ionic.

The application needed to implement the following features:

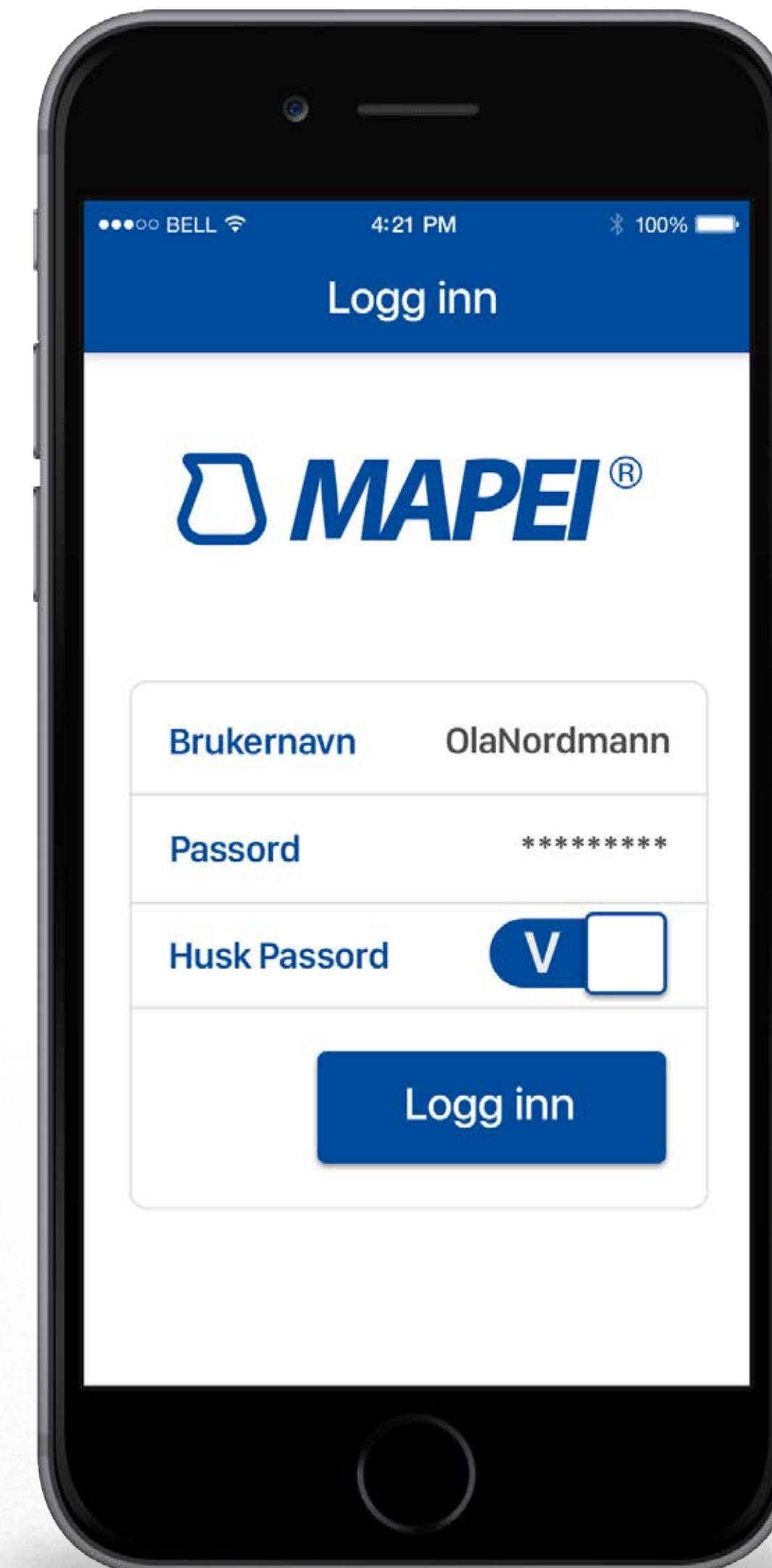
- A list of general news with image and text.
- A list of "business" with its respective articles.
- Every article could have text, images and side menus with categories. and other possible articles.
- The app had to be synchronized with a server and at the same time work offline.
- Offline synchronization had to store all content including images and text.

OUR WORK & RESULTS:

In two months we completed an app with all previous mentioned features. Using scrum and maintained fluid communication with the client at all times.

TECHNOLOGIES & TOOLS:

Ionic 1.3, Pouchdb, Angular.js, Telerik (appBuilder), SASS, PushWoosh, Google analytics, Cordova



CHALLENGE:

The client had a system to use as an internal tool for their company in the US, which had two front-end apps (web and mobile) and a shared PHP back-end.

The application needed some fixes in terms of architectural design, which we were asked to maintain and enhance. As well as adding some features and creating parallel solutions.

OUR WORK:

We refactored the existing PHP server, integrating MVC pattern, centralize connections to the database and standardized access to data. In addition, we fixed bugs, founded the basis for the creation of a REST API and added tests and test environments for services.

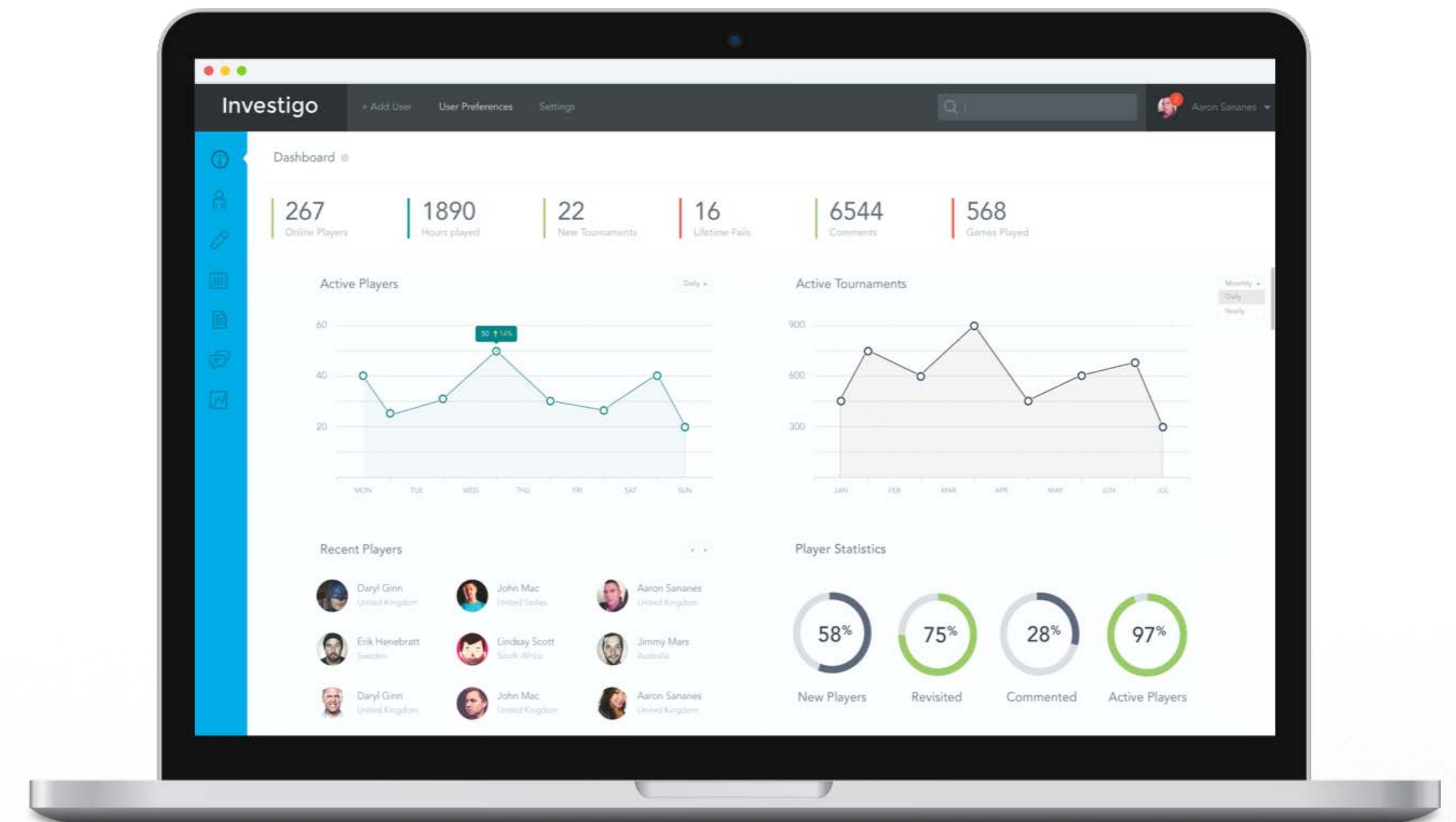
RESULTS:

We obtained some significant improvements in the performance and stability of the apps. In addition, we created two parallel solutions: a set of responsive forms to capture customer information online and also a proposal to unify and create a mobile-web app based on Angular.

We continue working with this client improving, enhancing and extending their apps.

TECHNOLOGIES & TOOLS:

PHP, MySQL, Mocha.js, Jasmine.js, Superagent.js, Objective-C, Teamwork, Angular, HTML/CSS



“They'll take a lot of time to listen and to try to understand”

[Read more](#)

CHALLENGE:

The client had a web app for athletes and individuals in the UK to keep track of their training, as well as for coaches to track their progress. The client has a need to improve and extend the front-end.

The challenge that we faced was integrating an existing team of excellent and distributed developers and a large set of code already developed.

OUR WORK:

We did a great refactor of the code to achieve more development in the “Angular way” while we implemented new features. We implemented some of the major features such as graphics for visually tracking your training, forms, wizards and widgets.

RESULTS:

We collaborated with this team for more than a year, improving the app & processes, adding new features, working daily with the team and learning a lot along the way.

TECHNOLOGIES & TOOLS:

Angular.js (restangular, angular-ui), SASS, Bootstrap, D3, Rails, Linux, Github using pull requests, JIRA, Confluence



GIVING BACK

Social impact projects we create or collaborate with for free.

Destacados

Wordpress - CSS - HTML - JavaScript

DATE:
AUGUST 2016 - ONGOING

CHALLENGE:

The client required adapting to Uruguay a version already published and known from an Argentinian award named “Abanderados de la Argentina Solidaria” (Standard bearers of the Solidary Argentina).

The point of the award is to highlight and to introduce the solidary Uruguayans that are devoted to helping other people by telling their story through a website and a web page. The award is divided in different stages so the content changes according to the corresponding stage.

OUR WORK:

Perform the necessary design changes to the source of Abanderados in accordance to the clients specifications, manage the content of the page, configure the server where the source is located or the production server.

RESULTS:

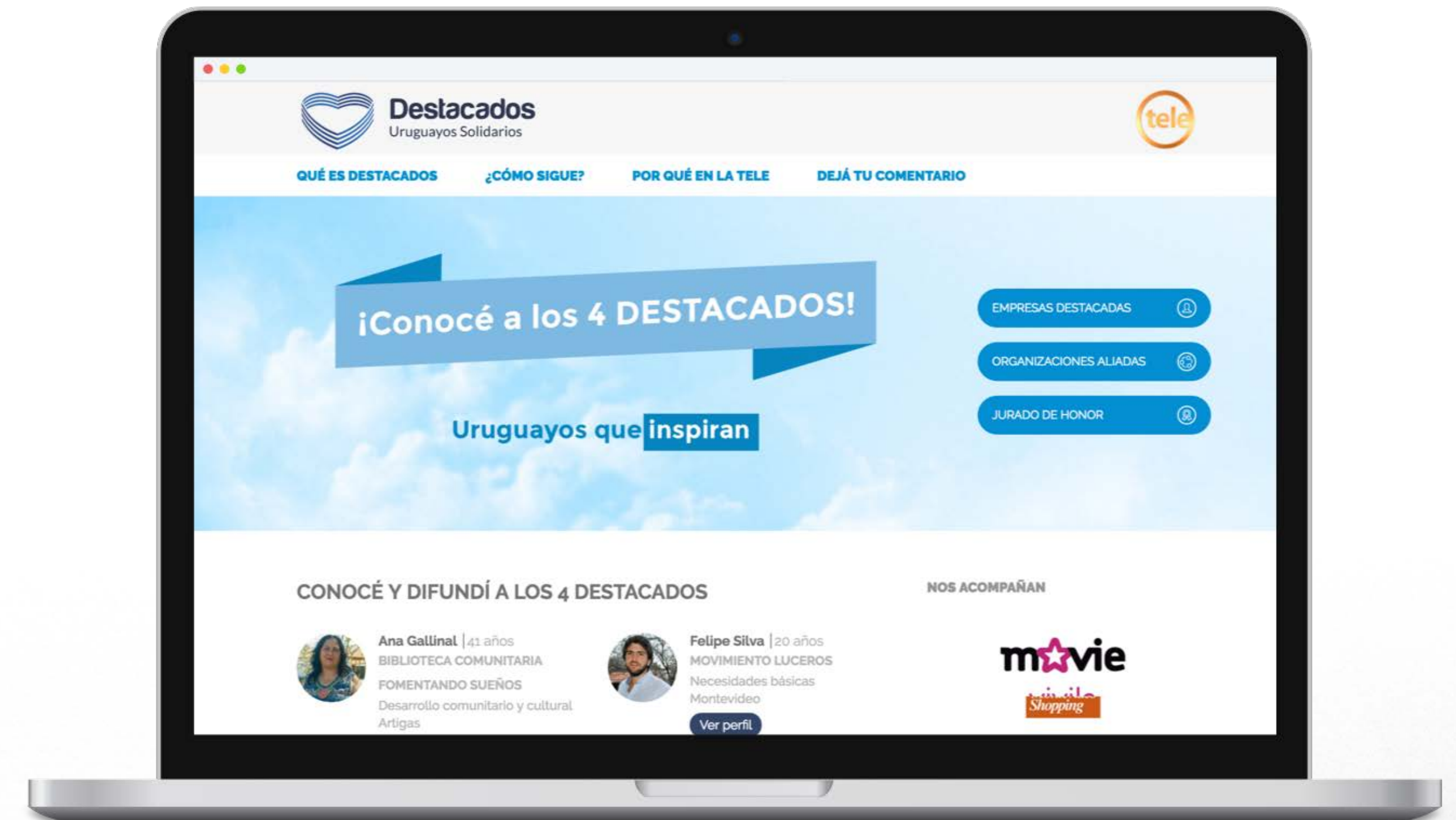
The project is still underway and we were able to publish the page which was announced on TV, in this edition there were more than 400 applicants, we are still managing the content in accordance to the stages and deploying any other change that is needed.

TECHNOLOGIES & TOOLS:

HTML, CSS, LESS, JavaScript, jQuery, Node.js, Grunt, JSHint, PHP, Bitbucket, Apache2, MySQL, Illustrator

LINKS:

[Web Demo](#)



CHALLENGE:

The local chapter of Girls in Tech in Uruguay was organizing a hackaton for teenagers and they needed a web site in order to communicate the event and manage the users registrations.

OUR WORK:

We designed the landing page that informed users about the event, the modality of the work and how they were supposed to register.

We used the look and feel of GiT in combination of iconic images of Montevideo.

RESULTS:

We created a visually pleasant landing page, easy to find the relevant data, motivating the clients to sign up for the event.

TECHNOLOGIES & TOOLS:

Sketch app, Photoshop, Zeplin, Dreamweaver



CHALLENGE:

Ikusi is an audiovisual production company with social purposes, which seeks to make some stories that deserve to be told more visible.

These stories don't have the coverage that they should.

The producer was seeking a new website where they could show their work in a more attractive and accessible way. We contacted them to donate some of our time to support this good cause while doing what we love.

OUR WORK:

We proposed different designs, had several meetings to brainstorm ideas on how this website could look and work.

We worked with the founder and several other contributors in order to find the best way to approach the job.

RESULTS:

We decided to go with WordPress in order to create a responsive website to showcase their videos and allow people to learn more about the work ikusi does, contact them, read about their news, etc.

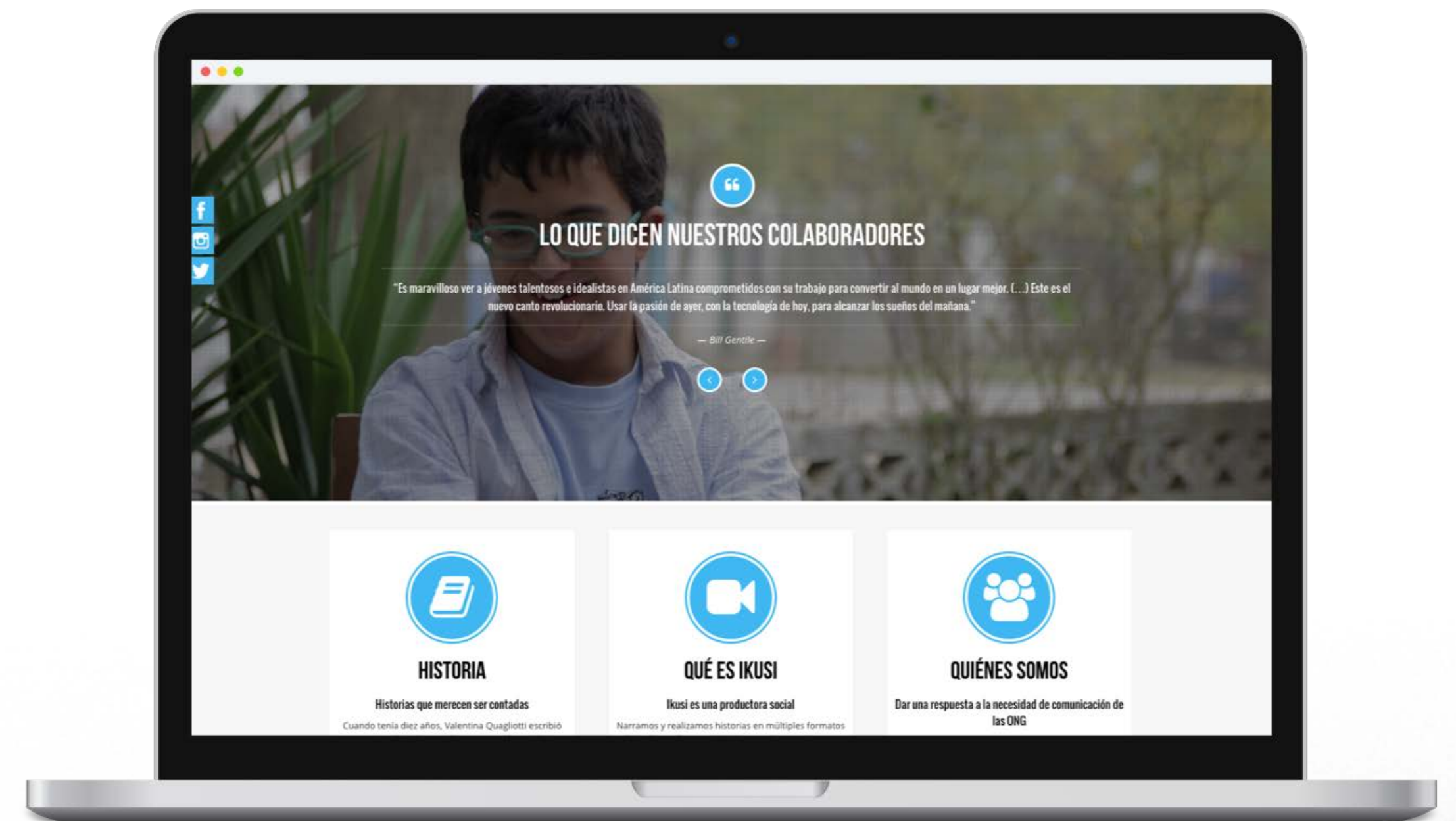
We adapted their design and added different custom plugins to create sections for testimonials, contact information, contact form, clients carousel, among others.

TECHNOLOGIES & TOOLS:

WordPress, HTML, CSS, JavaScript, Photoshop, Illustrator, Trello, Git, Dropbox, Openshift

LINKS:

[WEBSITE](#)



SMS Solidario

Android - UI design - Brand design

DATE:
JUNE 2016 - ON GOING SUPPORT

CHALLENGE:

There's a reality in Uruguay, a lot of us have cell phone and at the end of the month we have a balance that has not been used.

At the same time there are a lot of NGOs that you can donate to through text messages.

We wanted to offer a solution to make donating easier by text message and to take advantage of that positive balance so that it is not lost at the end of the month.

OUR WORK:

We developed a native Android app and at the same time we designed the SMS Solidario brand taking into account the target audience and context of where the app was going to be used. After that we adapted the design to the mobile interface.

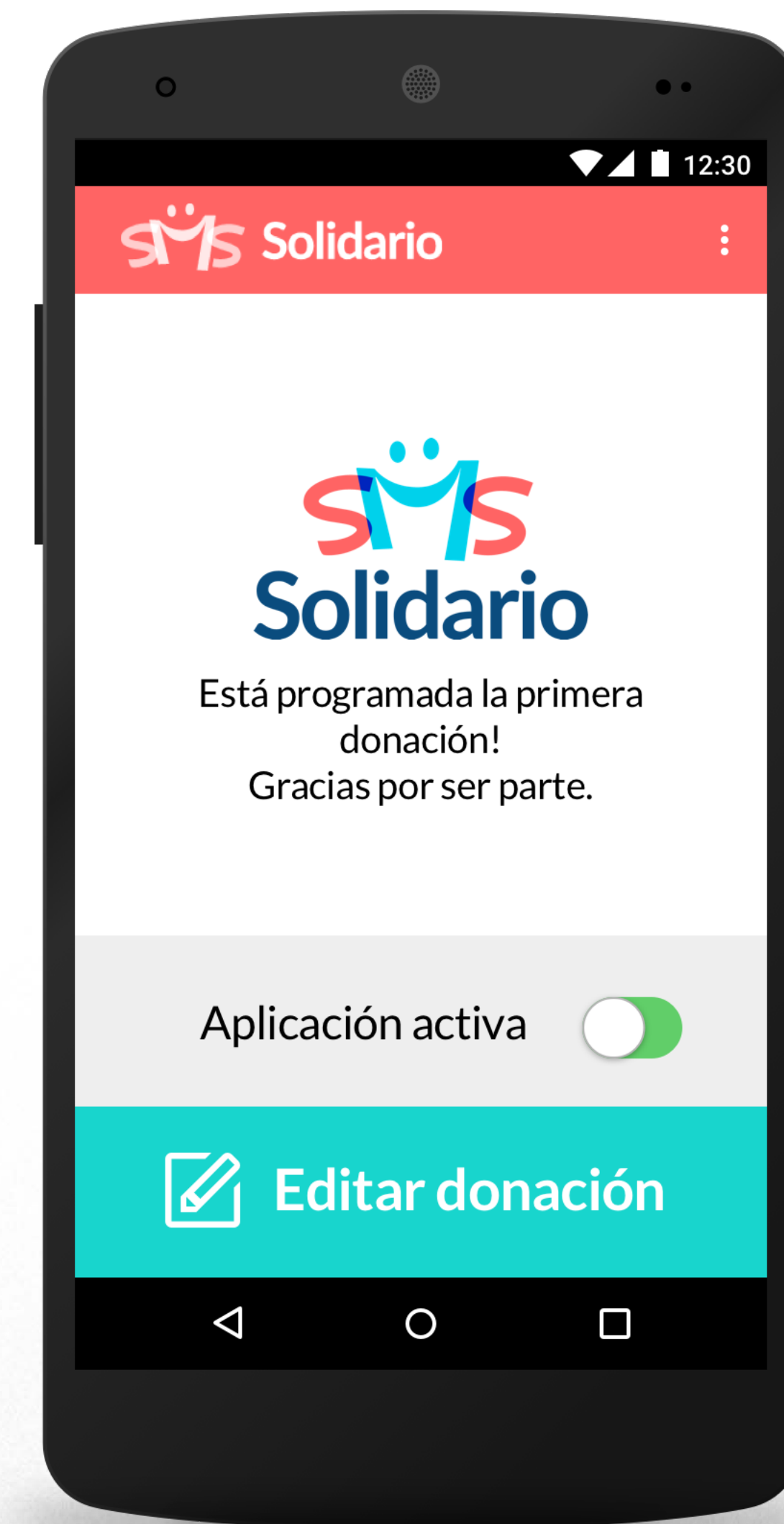
RESULTS:

After various months of effort finding the moments to finish the app, we were able to publish it!

It is currently being used and has accomplished its goal so that more people donate. Also, we had our first pull request from someone who today is now part of our team :)

TECHNOLOGIES & TOOLS:

Java, Android SDK, Sketch App



W E L O V E O U R W O R K

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b i X labs

DEVELOPMENT AREA

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