Alejandro Madariaga Angeles

Portfolio (2014 - 2019)

Full Stack Developer

BS: Software Enginering
English-Spanish

JavaScript, React.js, Redux, Node.js, Django, PLSQL, Python,
Swift, Webpack, Socket.io, CSS, HTML, TensorFlow
PostgreSQL, MySQL , SQL Server
Linux, MacOS
Git, GitLab

Projects:

- ✓ Customer Order Portal, 2018-2019, GENUS PIC LCC
- ✓ Internet of Things Web Platform, 2016, TImobile
- ✓ Suppliers Portal, 2014, Constructora Chufani
- ✓ eTortilla Web Platform, 2015, SINPROTEC
- ✓ Web Scrapper for Logistics Opportunities, 2015, SEEDs
- ✓ OEE Web Panel for Manufacturing Processes, 2017, Timobile
- ✓ Route Optimization FrontEnd for IoTrack System, 2018, Clarion
- ✓ Mobile web financial reports, 2015, Universidad Contemporánea

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FrontEnd Development — Customer Order Portal

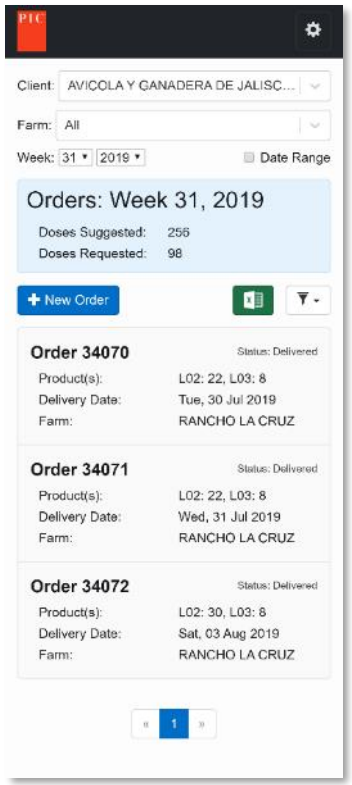
Genus PIC®

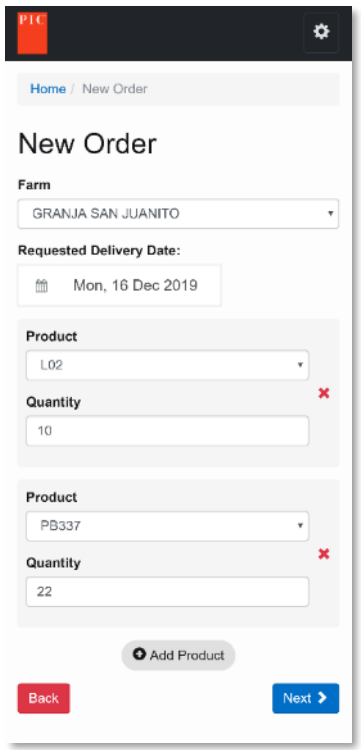
Project for Genus PIC LLC / TImobile

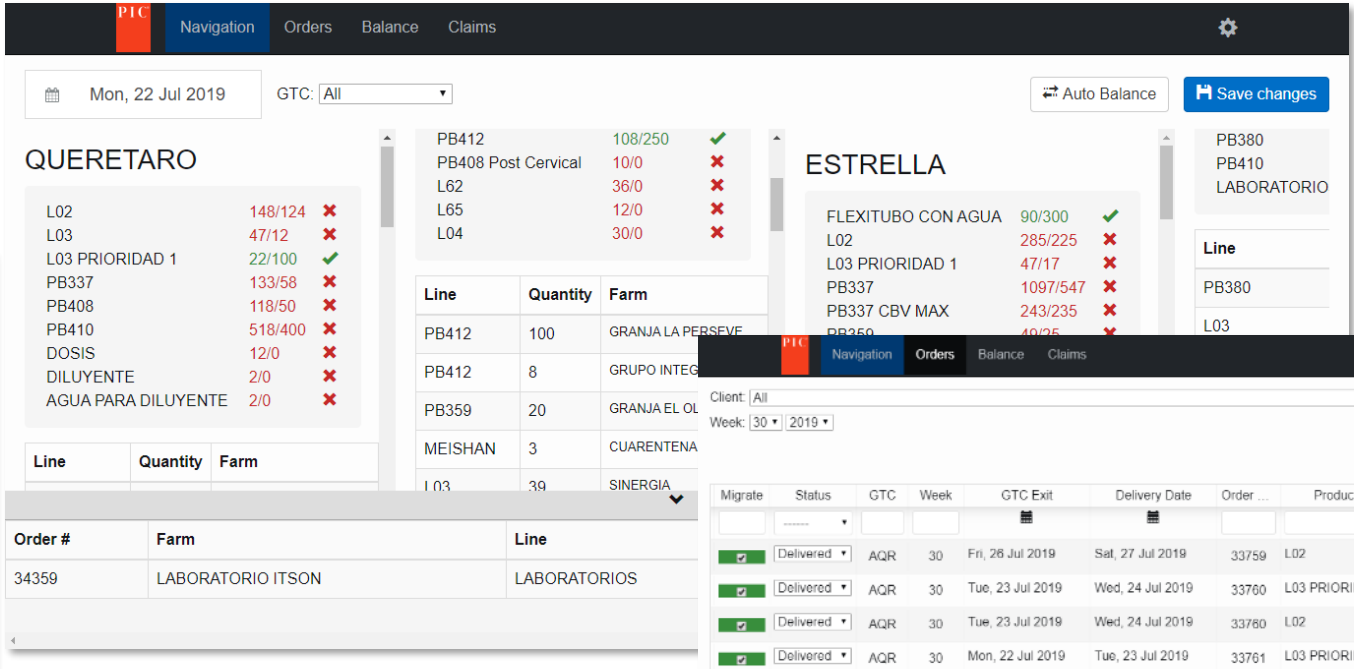
Sole FrontEnd developer in conjunction with the US IT team 2018 / 2019

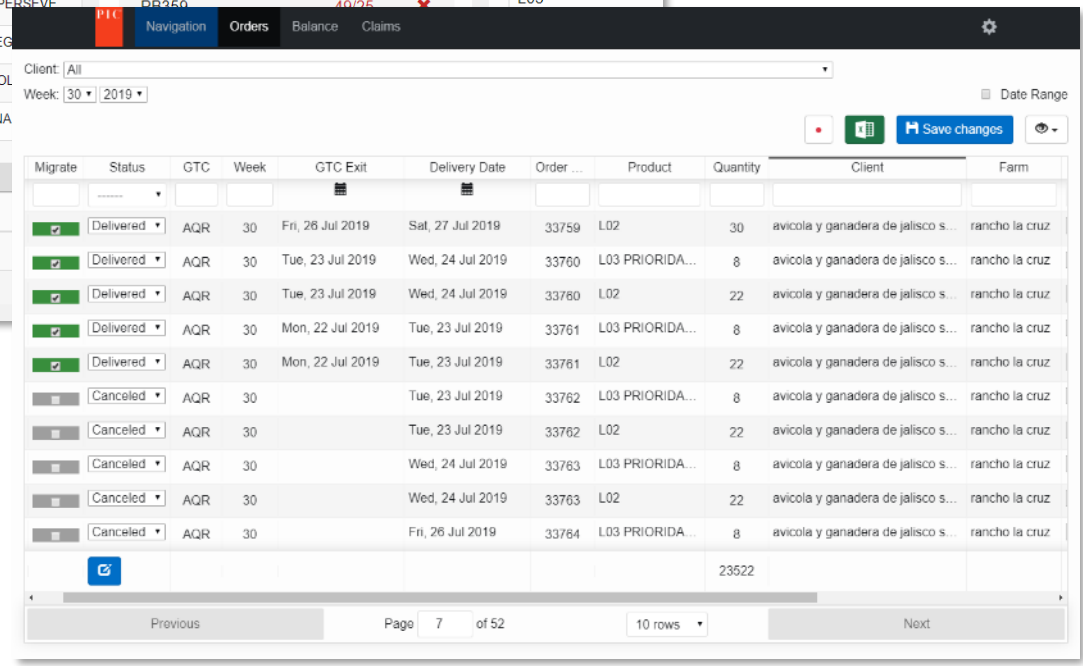
Customers register weekly genetic material orders, and management handles billing and production scheduling. Full i18n support

(React.js, Redux, WebPack)









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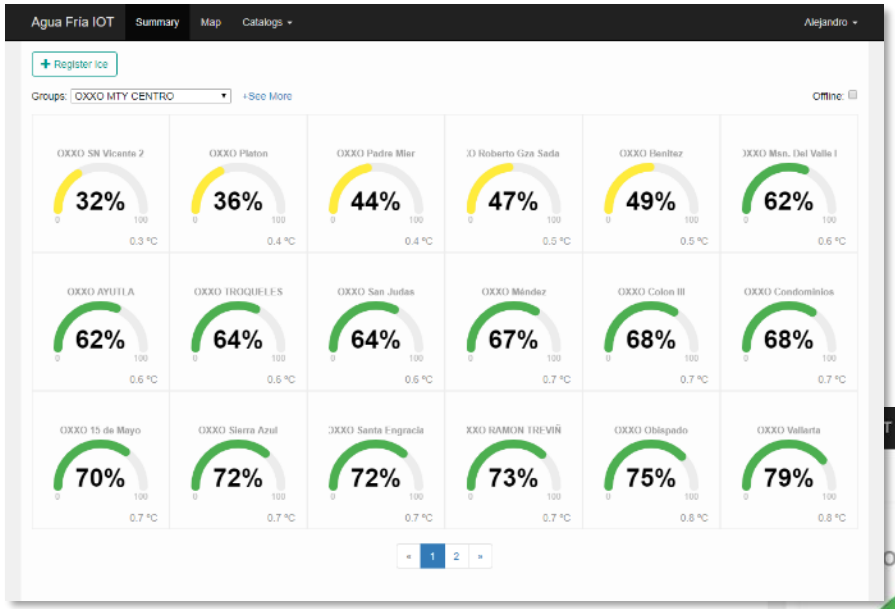
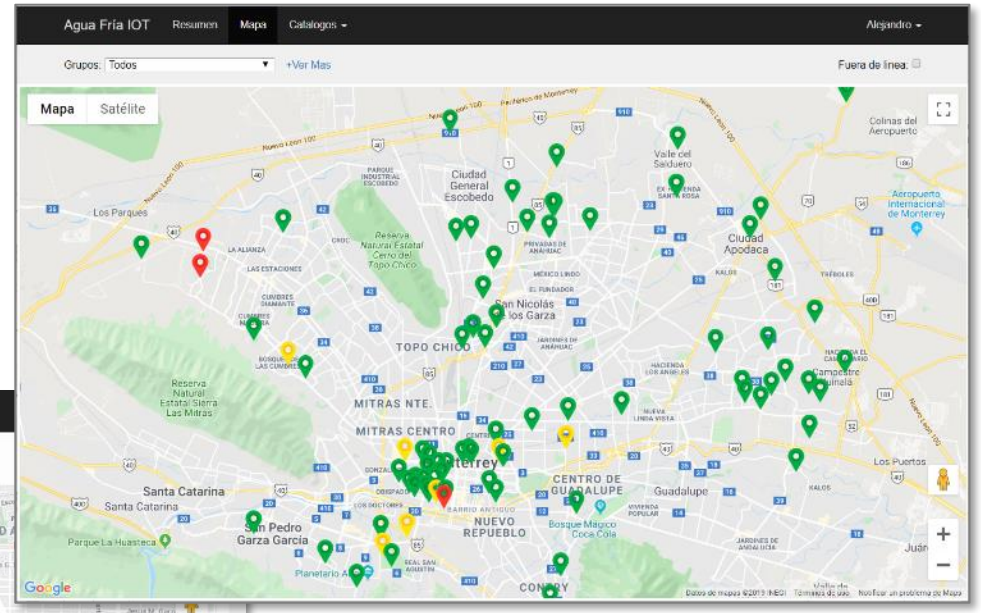
FullStack Development

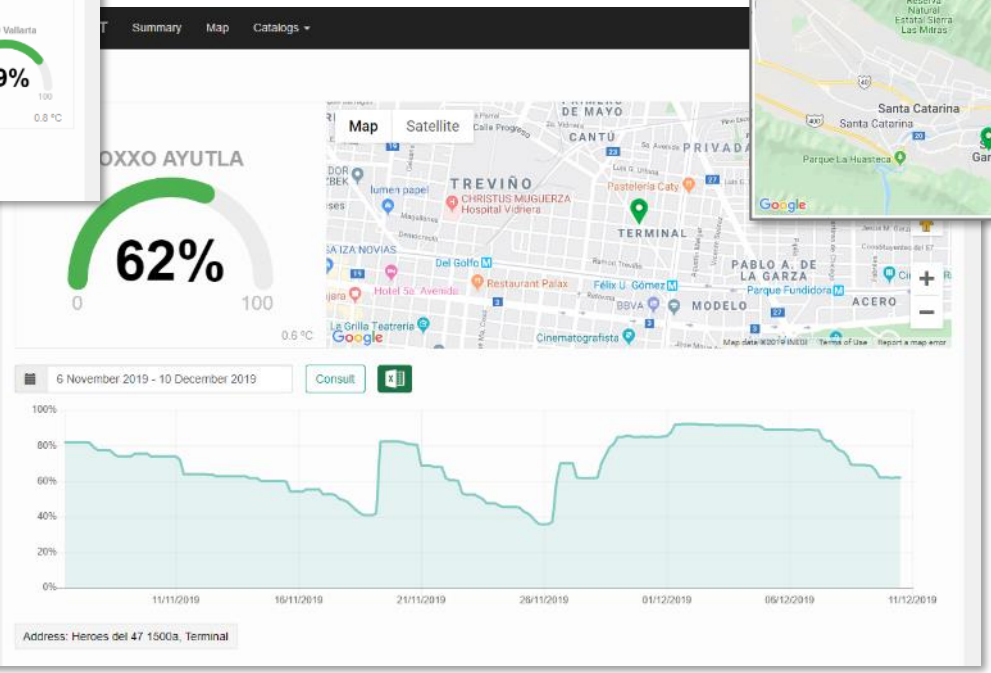
Internet of Things Web Platform

A web platform that receives data from IOT devices through the SIGFOX network, GPRS and SMS. Allows for real time data monitoring, and historical data analysis. Timobile's IOT devices are use in retail and gas companies, and more industries in the future. I18n support with users in México. Brazil, Spain and Canada.



Python, Django, Node.js React.js, PostgreSQL, WebPack





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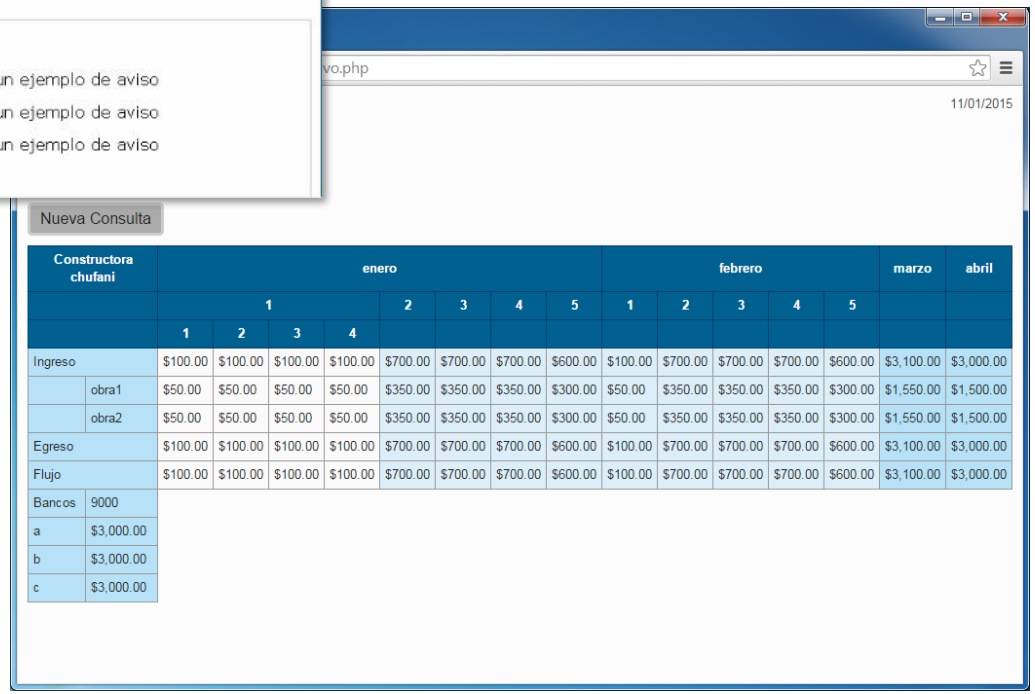
FullStack Development

Suppliers Portal

Constructora chufani	Marzo	Abril	Mayo	Junio
Ingresos	$17,802,352.90	$45,348,516.53	$37,191,648.55	$93,075,726.62
Egresos	$2,247,551.36	$129,555,287.79	$467,858.84	
Flujo	$25,753,678.07	$-58,453,093.19	$-21,729,303.49	$71,346,423.13
Bancos	$10,198,876.53			



Constructora chufani		enero								febrero					marzo	abril
		1				2	3	4	5	1	2	3	4	5		
		1	2	3	4											
Ingreso		$100.00	$100.00	$100.00	$100.00	$700.00	$700.00	$700.00	$600.00	$100.00	$700.00	$700.00	$700.00	$600.00	$3,100.00	$3,000.00
	obra1	$50.00	$50.00	$50.00	$50.00	$350.00	$350.00	$350.00	$300.00	$50.00	$350.00	$350.00	$350.00	$300.00	$1,550.00	$1,500.00
	obra2	$50.00	$50.00	$50.00	$50.00	$350.00	$350.00	$350.00	$300.00	$50.00	$350.00	$350.00	$350.00	$300.00	$1,550.00	$1,500.00
Egreso		$100.00	$100.00	$100.00	$100.00	$700.00	$700.00	$700.00	$600.00	$100.00	$700.00	$700.00	$700.00	$600.00	$3,100.00	$3,000.00
Flujo		$100.00	$100.00	$100.00	$100.00	$700.00	$700.00	$700.00	$600.00	$100.00	$700.00	$700.00	$700.00	$600.00	$3,100.00	$3,000.00
Bancos	9000															
a	$3,000.00															
b	$3,000.00															
c	$3,000.00															

Chufani has thousands of suppliers, who log in to the portal to consult on their invoices. Also used by the company for internal affairs like financial reports and document management

PHP, JavaScript, SQL Server

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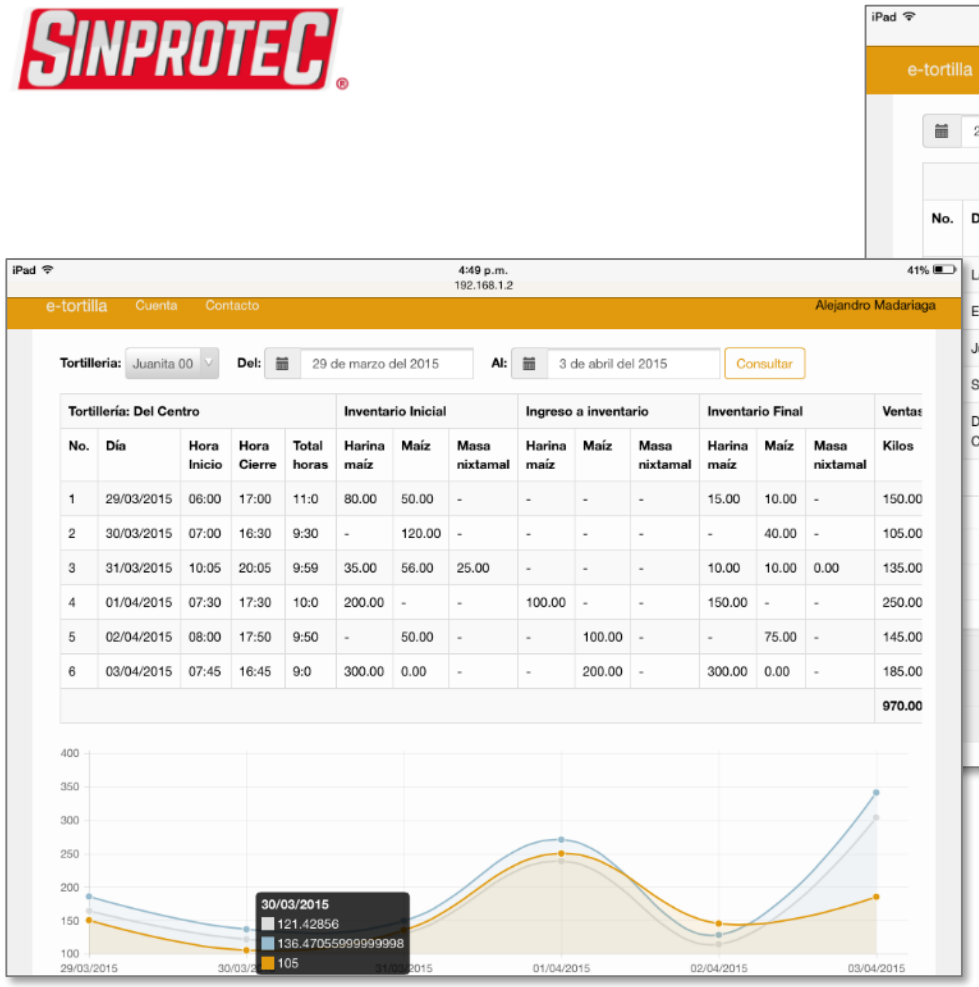
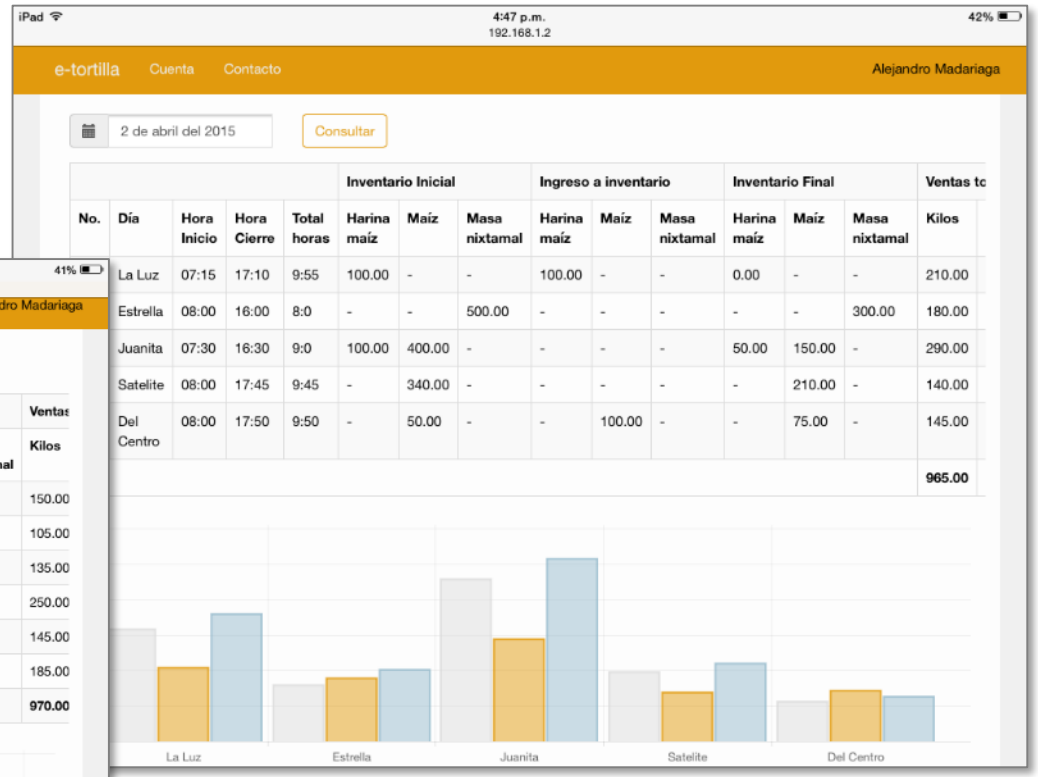
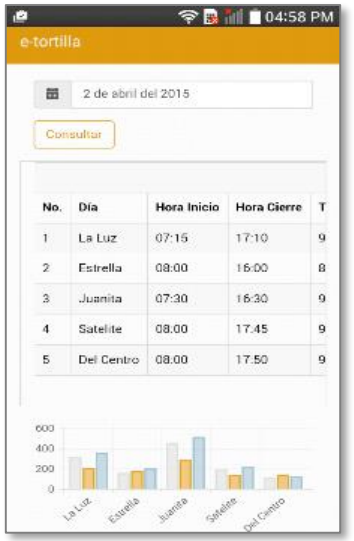
FullStack Development

e-tortilla platform

A web platform for sales registering, inventory control and supervision of small corn “tortillas” businesses in Mexico (tortillerías)







Python, Django, MySQL

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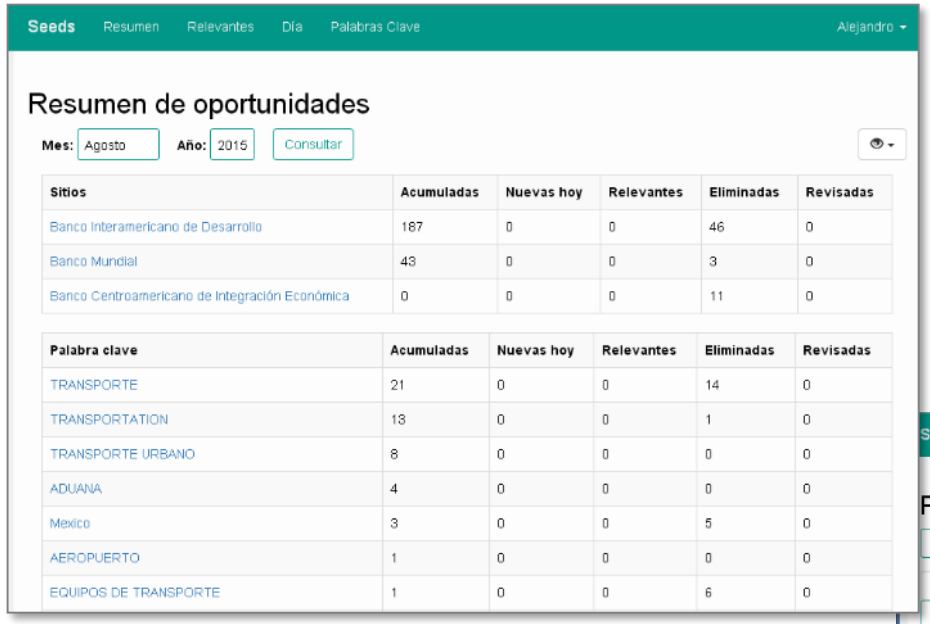
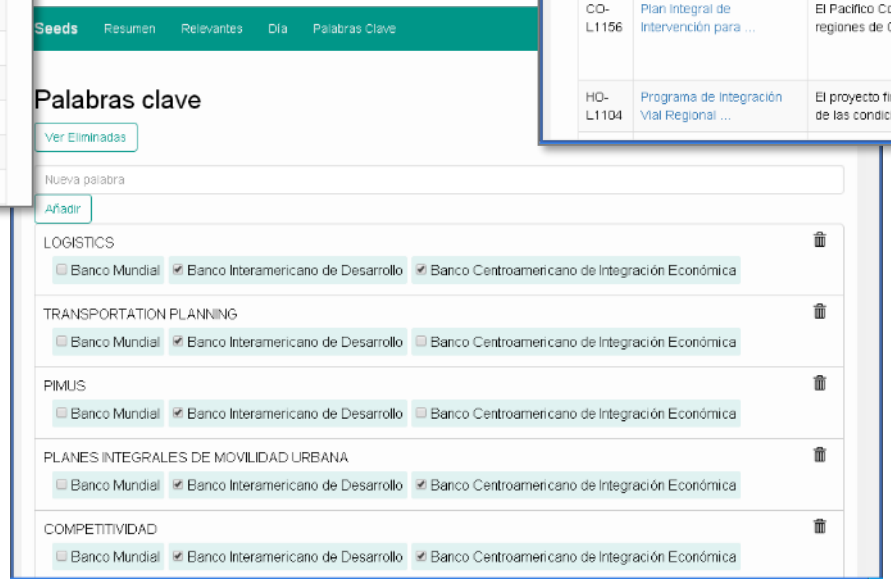
FullStack Development | Scrapper web system for Logistic Opportunities

seeds® LINKING GROUP | Harmonizing Sustainable Supply Chains

A web scrapper for logistic business opportunities, and a web frontend to see the opportunities and manage parameters for the scrapper





Python, Django, PostgreSQL, React.js

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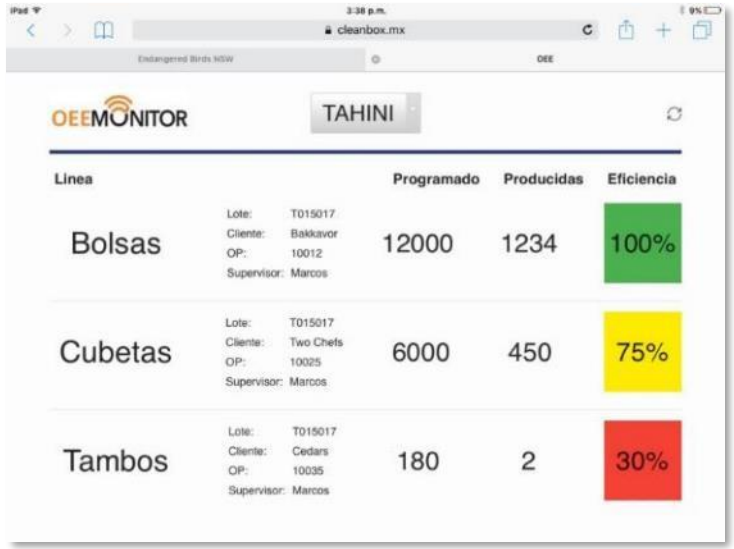
Software Development

Efficiency panel for manufacturing proceses

A complementary web panel for the OEE Monitoring system at TImobile (Industrial IOT)



React.js, PHP, SQL Server

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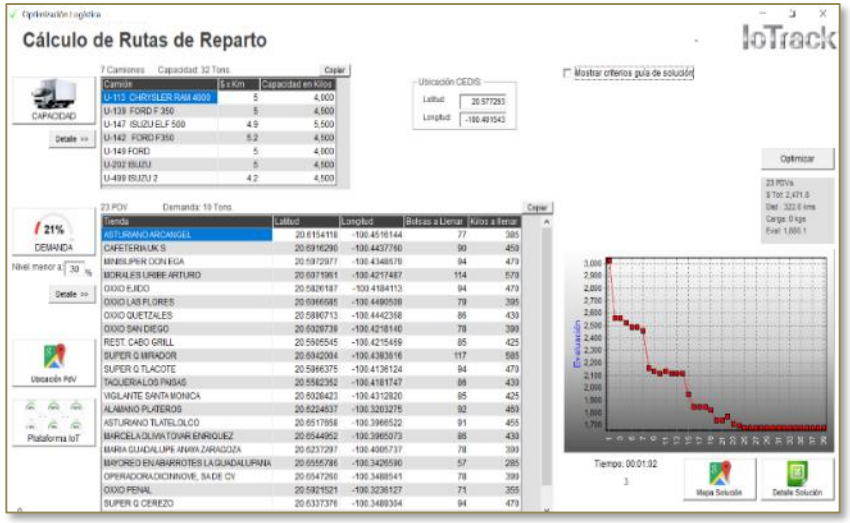
Electron Development | Route Optimization front end for IoTrack

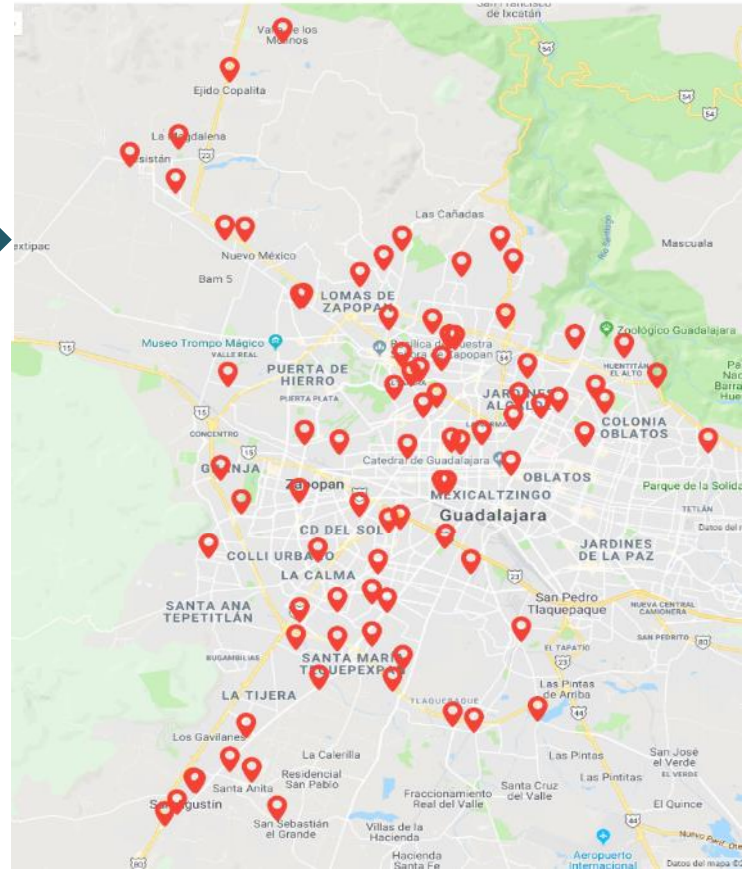
An electron desktop application to visualize delivery routes generated by genetic algorithms

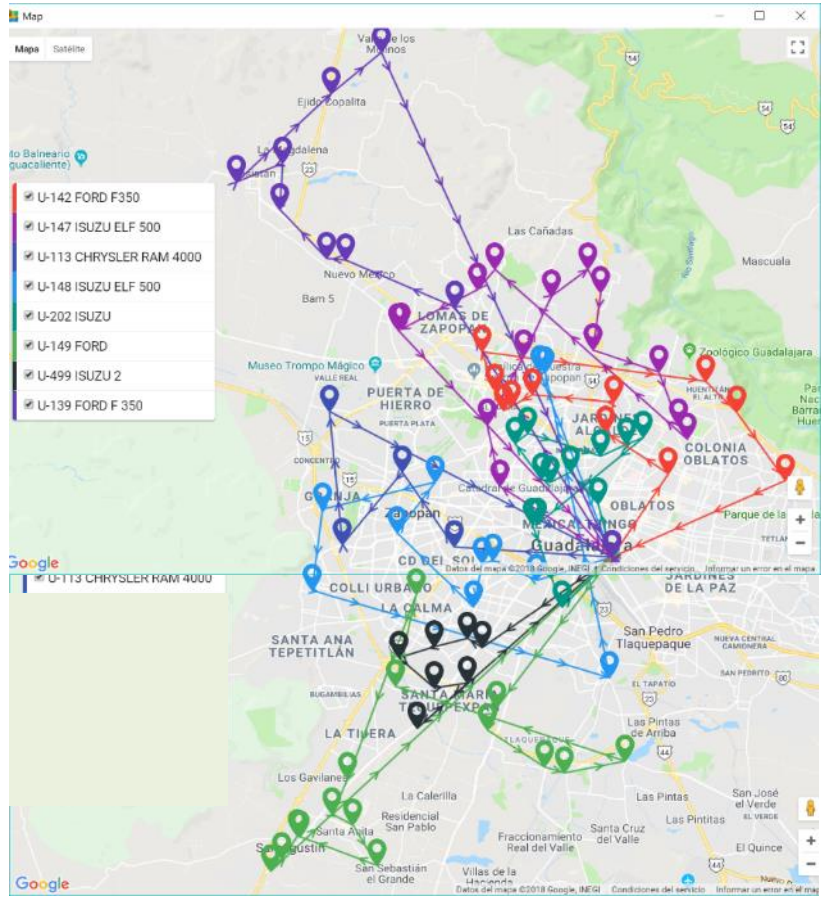
IoTrack®

Clarion
moves you · connects you

Electron.js, Google Maps API







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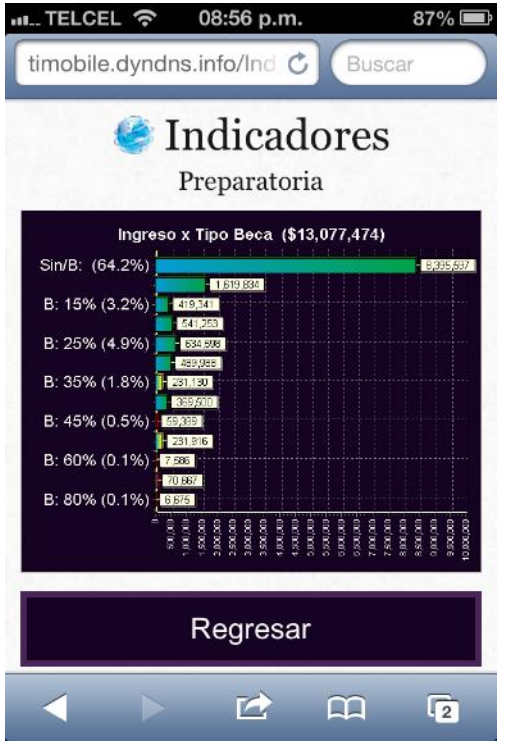
FrontEnd Development

Mobile web financial reports

PREPA CONTEMPORÁNEA
Hablo y actúo sólo para construir

A mobile first web site to visualize financial reports outside the office



PHP, HTML, CSS