

# Cloud B2C System



**iTAD**

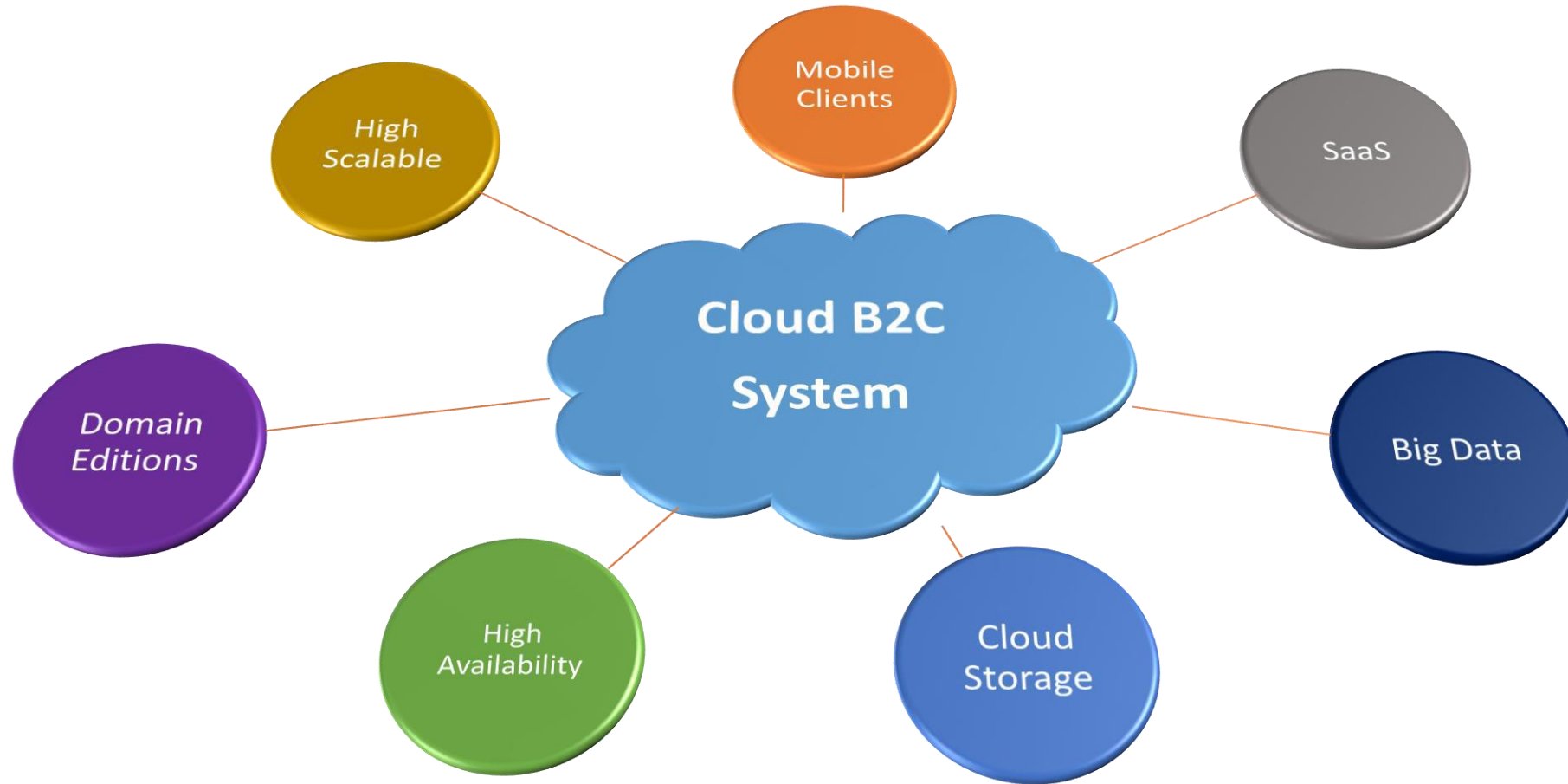
Internet Technology Architecture and Development

[www.intertad.com](http://www.intertad.com)

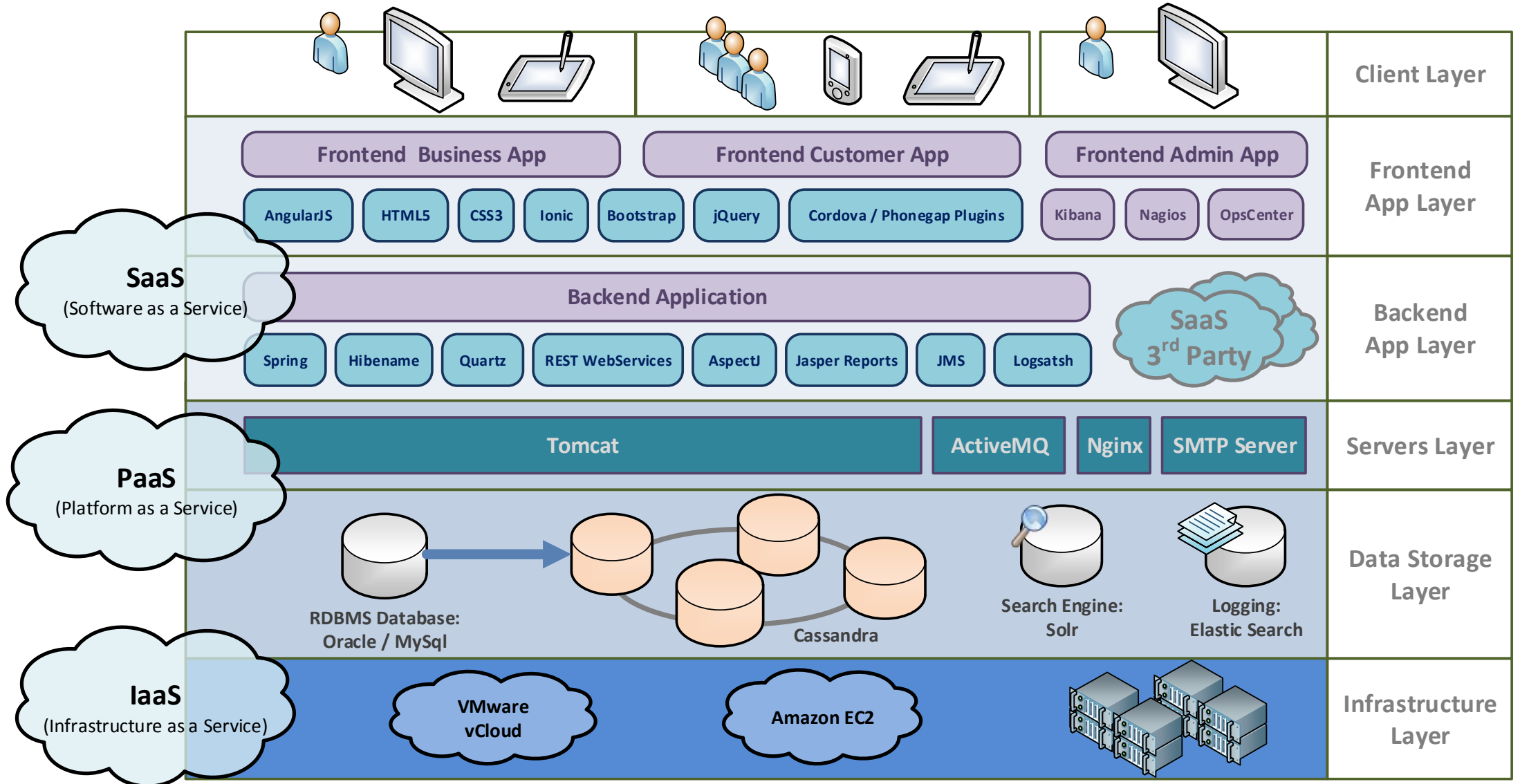
Phone: 408-596-4823

2014

# Business View



# Architecture View



# Highlight - Cloud Solution



- Cloud Distributed Computing
- Cloud Storage
- Software as a Service (SaaS)
- Platform as a Service (PaaS)
- Infrastructure as a Service (IaaS)
  - Amazon EC2
  - VMware vCloud
- Service-Oriented Architecture (SOA) and Web Services driven application

# Highlight – Efficient Mobile Clients

- Write code once, run anywhere
  - Cordova / PhoneGap Framework
  - AngularJS MVVC
  - HTML5
  - CSS3, Bootstrap and Ionic
  - REST API
- Support all variations of gadgets
  - Android, iOS, Windows mobile
  - Tablets, Smart phones, Laptops



# Highlight - Big Data in Cloud



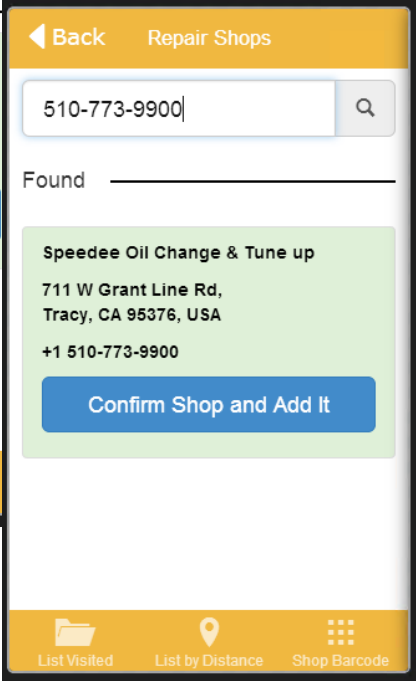
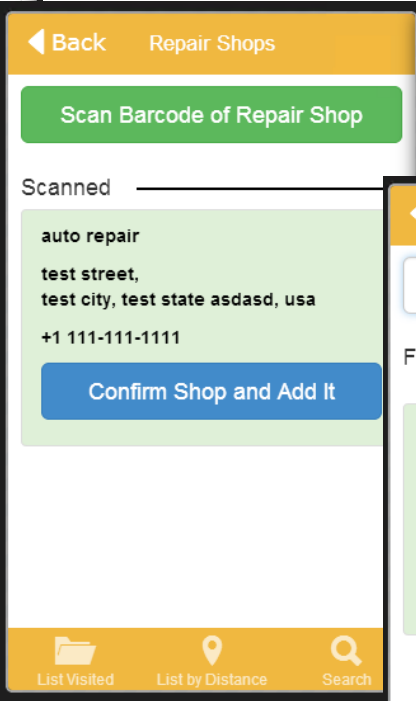
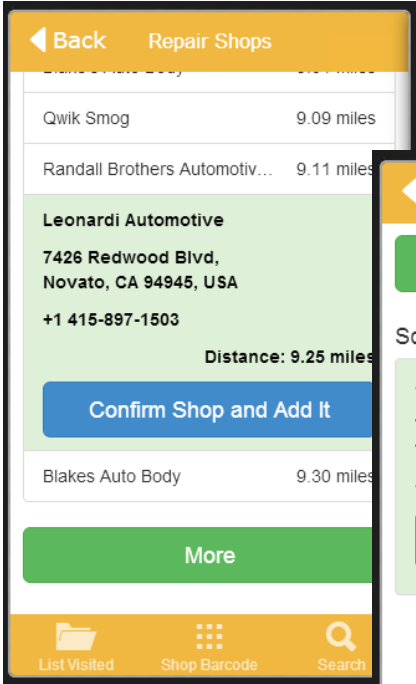
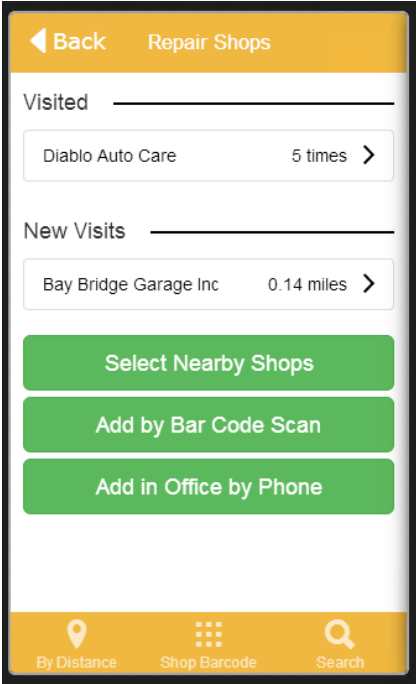
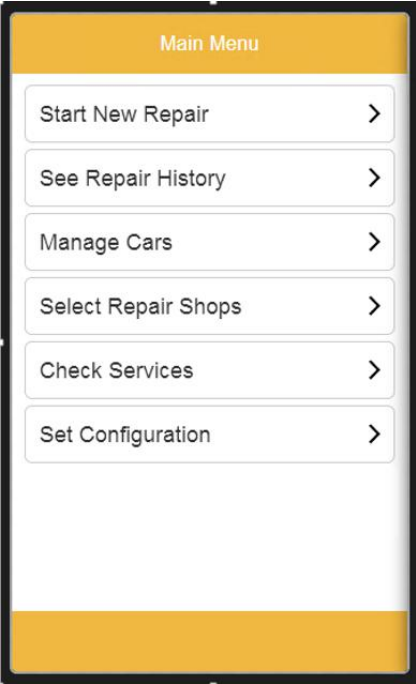
- Transactional Core in MySQL
- Big Data in Cassandra
  - High Scalability / Clustering
  - High Availability / Fault tolerance
- Search Engine - Solr
- Logging - Elastic Search
- Map Reduce
  - Hadoop

# Highlight - Ready B2C Pattern

- Data and Media Sharing
- Relationship & Appointments
- Enforced Security
- Big number of ready-to-use plugins and components
  - Media capture & target sharing
  - Smart Notification
  - Data by Locations
  - Integrated Map and Navigation
  - Barcode Scanner, etc.
- Legacy Integration



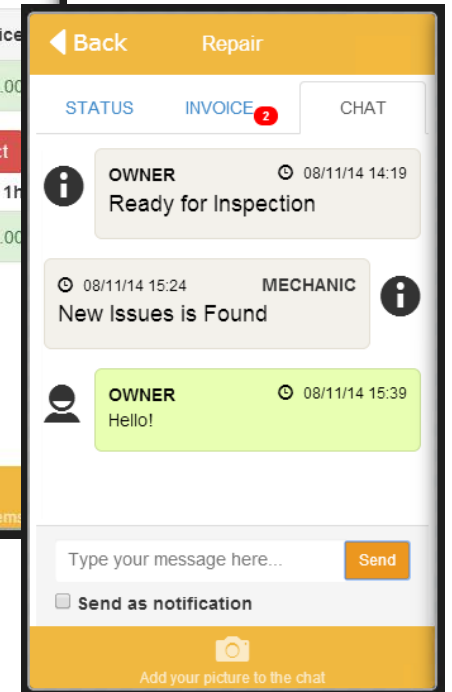
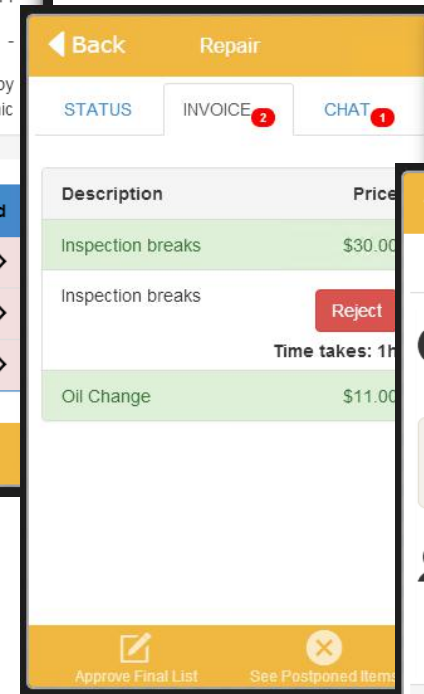
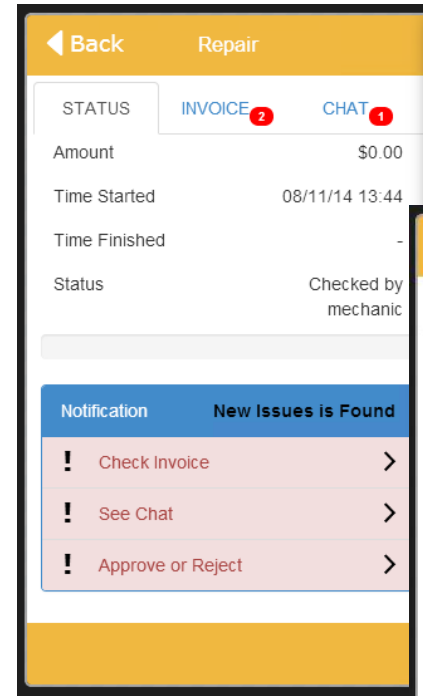
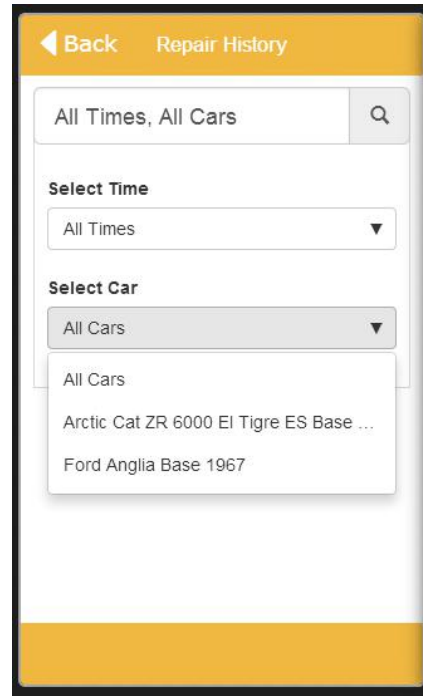
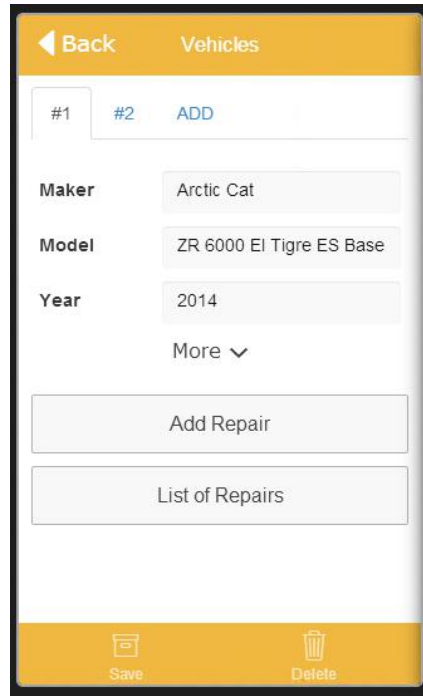
# Implementation ex. : Auto Repair – Customer Cell



Some screenshot examples ...

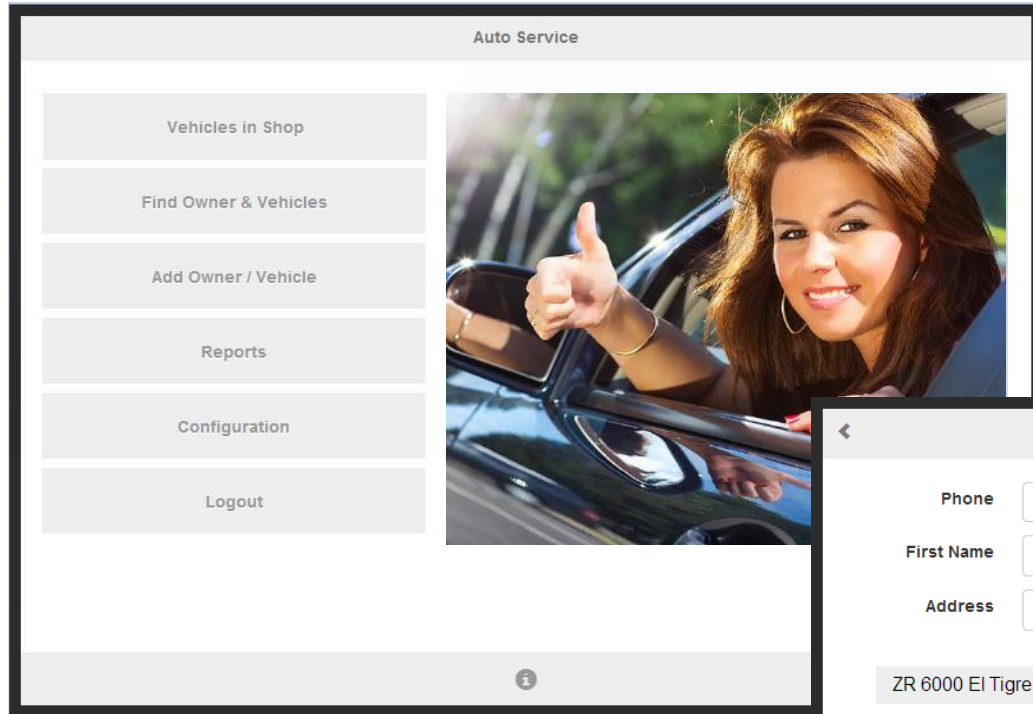


# Implementation ex. : Auto Repair – Customer Cell



Some screenshot examples ...

# Implementation ex. : Auto Repair – Shop Tablet



Owner Name	Phone#	Make	Model	Year	VIN	License
losko, slava	4441233212	Arctic Cat	ZR 6000 El Tigre ES Base	2014	WBSKG9C53BE645563	TST 12345 +
Androidoff, Igor	5551455812	Cadillac	ATS Base	2014	24235346511	5345 CA

Owner Name	Phone#	Make	Model	Year	VIN	License
losko, slava	4441233212	BMW	R1200S Base	2007	QWEV12CGV421HAGFSD	TST 34535
						Oil change >
				1997	QW78862CGV42187FSD1	TST 38975
						Oil change >
						Car repair >
				1967	FGKHVNHCHGSD37465SDJV	TST 40975 CA

**Add Owner & Vehicle**

Phone: 4441233212   Email:

First Name:  Last Name:

Address:  City:  State:  Zip:

Vehicle:

Submodel:  # Doors:  Wheels Drive:

Transmission:  # Speeds:

Engine Size, cub.:  # Cylinders:  Configuration:

Power, hs:

VIN:  Lic:

Some screenshot examples ...

# Implementation ex. : Auto Repair – Shop Tablet

The image displays four overlapping screenshots of a mobile application interface for an auto repair shop. The screenshots are arranged as follows:

- Top Left:** A 'Configuration' screen with a sidebar menu containing 'Shop Info', 'Barcode', 'Invoice Info', 'List Workers', 'Payment', and 'Working hours'. The main area contains form fields for 'Company Name' (auto repair), 'Address' (test street), 'City' (test city), and 'State' (test state).
- Top Right:** A 'Repair' screen for a car named 'Slava Iosko - ZR 6000 El Tigre ES Base Arctic Cat 2014'. It features a table of repair items:

Description	Type	Hours	Price, \$	Status
Car maintenance	Labor	6	20.00	Approved
Oil Filter	Parts	2	21.00	Suggested

A summary row shows 'Total' hours of 8 and a price of 42.84. Below the table is a 'Repair status' dropdown set to 'Progress' and a message log with entries from the owner and mechanic.
- Bottom Left:** A 'Configuration' screen showing a sidebar menu and a large QR code. Below the QR code are 'Download' and 'Email' buttons.
- Bottom Right:** A 'Reports' screen with a sidebar menu for 'Graphes', 'Tables', and 'Export Report'. The main area shows a line graph titled 'Number of repairs' for the 'Last 3 months' period. The graph data is as follows:

Date	Number of repairs
2014-06-16	1
2014-07-04	4
2014-07-20	1

Some screenshot examples ...

# Contact Info

- InterTAD, LLC
  - Phone: 408-596-4823
  - Company website: [www.intertad.com](http://www.intertad.com)
  - Request for Quote: <http://www.intertad.com/quotes.html>
- Other Solutions
  - Cloud Business Process Management (BPM) Solution
    - [http://www.intertad.com/solution\\_bpm.html](http://www.intertad.com/solution_bpm.html)
    - <http://www.intertad.com/image/solutions/bpm/BPM-iTAD-Solution-1.1.pdf>
  - SAP Online Catalog Extension
    - [http://www.intertad.com/solution\\_sap.html](http://www.intertad.com/solution_sap.html)
    - <http://www.intertad.com/image/solutions/sap/SAPEX-iTAD-Solution-1.2-Overview.pdf>