



# Projects At a Glance

#### **Mobile & Enterprise Projects**

- Certificate Trust Chain Building for Android & iOS
- SmartCard Reader Driver for BlackBerry 7 & 10
- Automation of openSSL compilation for mobile platforms
- SmartCard enabled Web browser
- Mobile Based Payment Solution for Merchants
- Mobile Based Payment Solution for Buyers
- Mobile Based Taxi Booking Solution
- indiansQ, an Android based chat tool
- CredSecure on Android
- Pharmacy App for Doctors
- App to find nearby Clubs & Bars
- TheLawAssist.com
- Mobile App for Lawyers
- Job Allocation & Attendance System
- Beeptify POS App
- Adrian James Fitness App
- eCommerce Stores (MoneySaverz &TopsyTurvy)
- Telenor Mobile App for end users
- GlowWorm's Plumbing ToolBox Apps

#### Additional UI Artwork



Builds Certificate Trust Chain, presents it in a multi-layer tree view on Android and iOS

- · FIPS compliant.
- Android version is available on PlayStore

Third party apps can send a request to CertFinder app with a user certificate, Certfinder builds the certificate trust chain and returns built certificate chain to the 3<sup>rd</sup> party caller app.

#### CertFinder



Technology: Java, objectiveC, C, openSSL, Curl



# Smart Card Reader Driver

# Device Driver for Smart Card Reader supporting PIV & CAC smart cards for Blackberry 7 and 10

- driver establishes a secure SRP tunnel with reader over Bluetooth before sending smart card APDUs.
- driver is pluggable into BlackBerry SmartCard reader framework
- integrated to work with various security operations like Smart Card based logon to device, sending secure email(S/MIME), accessing secure website needing Client Authentication (SSL/TLS), Digital Signing, Encryption/Decryption etc.
- Follows ISO 7816-4 standards
- FIPS compliant





7816-4 APDUs -> Secure Tunnel -> BlueTooth



Technology: C++/Java/openSSL.



# Automation of openSSL compilation

Automation of openSSL compilation for different mobile platforms (arm, mips, x86) apps 32 & 64bit platforms

- Generates FIPS & non-FIPS openSSL libraries
- Generates openSSL libs for ARM, ARMv7a, ARM64, x86, x86\_64,
   MIPS & MIPS\_64 platforms
- Generates libs for both Android and iOS
- Command prompt based, Simple to use



**Technology: Shell Script** 



# SmartCard Integrated Web Browser

SmartCard enabled WebBrowser is primarily used in highly secure environment where in order to access certain websites user needs to login using his credentials stored on SmartCard. This is called Client Authentication.

None of the browsers on mobile currently support SmartCard based Client Authentication. This Chromium based web browser is uniquecally facilitating this feature on Android.

- SmartCard access from within the browser
- PKCS#11 JavaScript API
- enables access to web sites which needs Smartcard based Client Authentication
- Overcomes Android Chrome' limitations

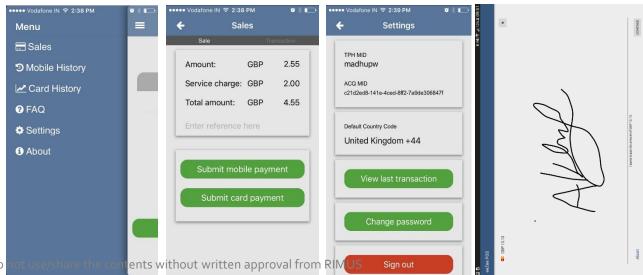
Technology: Chromium, C/C++, Java, openSSL, JScript



# Mobile Based Payment Solution for Merchants

# A mobile based payment solution for merchants of all sizes e.g. taxi drivers, stores etc

- Facilitates multiple modes of payment
- Debit/credit cards transactions
- Supports a proprietary method of mobile payments
- integrated with various mPOS devices like Miura
- Receipt generation to both merchant and buyer
- Transaction history
- Card and Mobile Payment API to interface/integrate payment options in Merchant Cash Register apps
- PCI compliant
- Profile Management, Multi-lingual, multi-currency
- Available on both Android & iOS

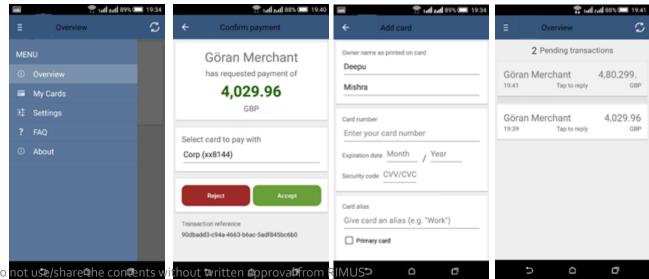




# Mobile **Based Payment** Solution for **Buyers**

A mobile based payment solution for buyers relieving them from carrying card/cash

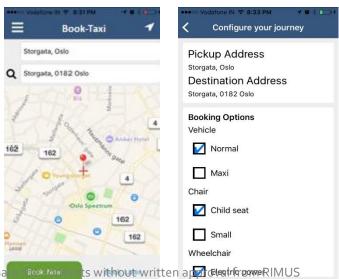
- Ensures security of payment transactions
- Buyer's consent taken before a transaction
- Payment receipts
- Transaction history
- API to interface/integrate payment option in Merchant's end user apps
- PCI compliant
- Profile Management
- Multi-lingual
- Available on both Android & iOS

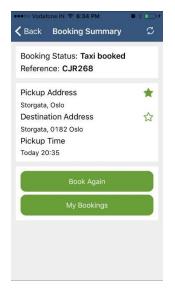


Technology: C#, Xamrin

# An app for taxi riders to book a taxi using just a few clicks

- Current and near by areas of interest displayed on a map
- Booking and cancellation
- Various taxi booking options like type of car, number of seats, special instructions, instructions for drivers
- Favorites locations can be saved
- Profile Management
- Multi-lingual, multi-currency
- Ease of use
- Payment integration in progress
- Sharing rides on Facebook/Twitter in progress
- Taxi location tracking in progress
- Available on both Android & iOS





# Taxi Booking apps

Technology: C#, Xamrin



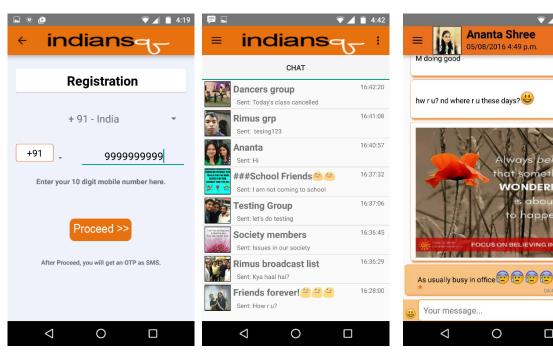
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04:48 p.m

# **Indiansq** Collaboration **Tool**

#### An android based chat & voice calling tool

- Ease of communication
- Unlimited number of groups and broadcast lists
- Unlimited people within a group
- No limit on file transfer
- Documents (pdf, doc, xls, ppt etc) sharing
- Printing of messages and file contents
- Voice calling in progress
- Corporate broadcasting facility from website as well from phone



Technology: Java, PHP



# CredSecure

# CredSecure is a RIMUS product for Android users to secure their data and files from Social Engineering attacks

- Both data and file protection in one single app
- Both Predefined and user defined categories
  - √ Bank/ATM/Credit Card details,
  - ✓ Email Account and other credentials,
  - ✓ Private images and videos,
  - √ Official contacts,
  - √ Important URLs,
  - √ Contact numbers
  - √ Important file
- Strong AES256 encryption
- Data protection is completely controlled by user as there is no server component

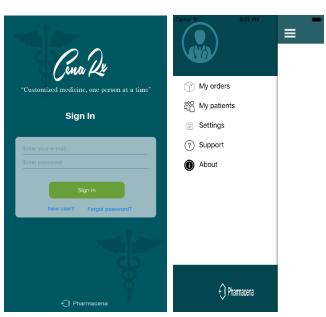


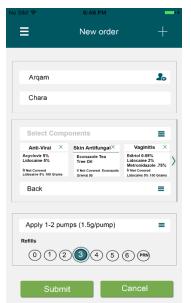
Technology: Java, openSSL

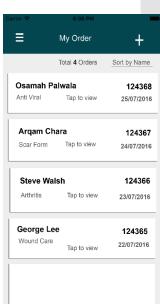


# Pharmacy App for Doctors

- App generate e-orders to linked pharmacies
- Able to initiate customized medicine orders for their patients
- Forces to upload the prescription in case of controlled medicines
- Scans & attach patient's insurance card
- Quick to initiate refill orders
- Order history maintained within app
- Patient details maintained within app
- Orders get entered into HIPAA compliant order management systems of chosen pharmacy company
- HIPAA compliant ePrescriptions









# Club & Bar Finder App

# The app is to locate Clubs & Bars in near vicinity, explore the offers, avail the offers & get bonus points

- Displays Clubs & Bars with both List view & Map view
- List can be sorted based upon location distance or user rating
- User can download the offers
- User can avail/redeem the offers
- Manages user profile with Bronze, Silver & Gold levels
- Bonus points added to user profile when an offer is availed
- Multiple signing options to app









# TheLawAssist.com helps lawyers, law firms & corporate houses to manage their legal cases efficiently and effectively

- Daily CauseList sent over email to both lawyers
- Updates clients on case progress
- SMS & email reminders on an upcoming hearing to lawyers and their clients
- Flexibility to set the frequency of advance notifications
- Flexibility to switch off client updates (at case level)
- Exchange notes with clients
- Attach relevant documents to the cases
- Maintains case history
- Print case details for physical filing
- Access/Manage cases from anywhere using your mobile phone
- SSL Secured communication



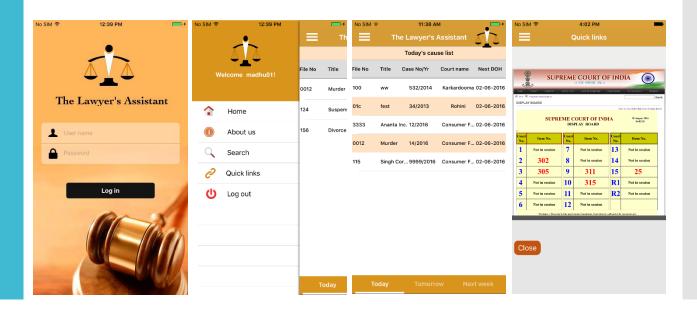
# TheLawAss ist.com



# TheLawAss ist Apps for Lawyers

<u>TheLawAssist</u> apps (Android & iOS) are for lawyers to manage their court cases while they are on move.

- Default view of cases for today, tomorrow & next week
- Update cases
- Generate CauseList for a specific date range
- Advance Search (keyword & date range)
- Live Dashboards for High Courts & Supreme Courts
- Access from anywhere using Android/iOS phone
- Secured using SSL



# Job Allocation & Attendance System

#### **Job Allocation & Attendance System**

Custom/Native app development (Android & iOS) for internal use of MasterCare Janitorial Services company in Canada

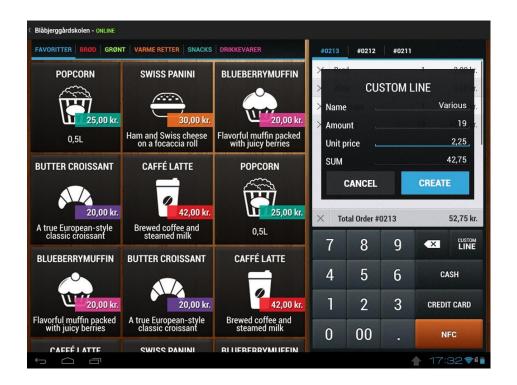
- The task was to smoothen the process of assigning the jobs to more then 8000 Janitors and scheduling them to more then 3500 clients
- Taking care of their Location based attendance and work timings
- Reports and billing
- Backend designed in MVC framework of php using HTML5 & JS for front end dashboard
- http://www.mastercare.com/

Technology: PHP, Jscript, HTML5

# Beeptify POS Tablet App

Beeptify is Android based POS app where merchants can manage their menu, products, prices from the backend and get orders on the tablet, get payments via cash, cards and NFC based wrist bands

https://beeptify.com/



**Technology: Java** 

## Adrian James Fitness App

Adrian James the well known Fitness Trainer of UK. These Android & iOS apps help users

- to learn the various fitness tips and practices as guided by Adrian James
- To plan their meals as guided by Adrian James
- https://itunes.apple.com/in/app/adrian-james-6-pack-absworkout/id493912733?mt=8
- https://adrianjamesnutrition.com/

The ultimate abs workout.



Join the fitness revolution.



**Technology: Titanium** 

#### eCommerce Stores

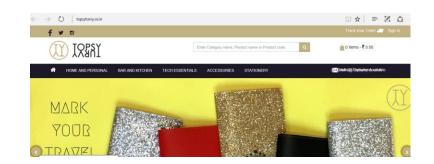
#### eCommerce Store MoneySaverz

www.moneysaverz.com



#### eCommerce Store TopsyTurvy

www.topsyturvy.co.in



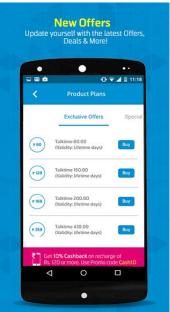
Technology: PHP, Jscript, HTML5

#### Telenor App

#### Telenor India Android App

- Created Hindi version on top of existing English app for Telenor
- Created a cms to manage entire Hindi text and images
- App made to work in offline mode
- payment gateway integration
- https://play.google.com/store/apps/details?id=com.telenor.i ndia&hl=en







Technology: Java

## GlowWorm's **Plumbing ToolBox Apps**

Glow worm mobile app (iOS and Android) is a nice app which discovers the simple way to make one's life easier and work smarter. Some of the user benefits are:

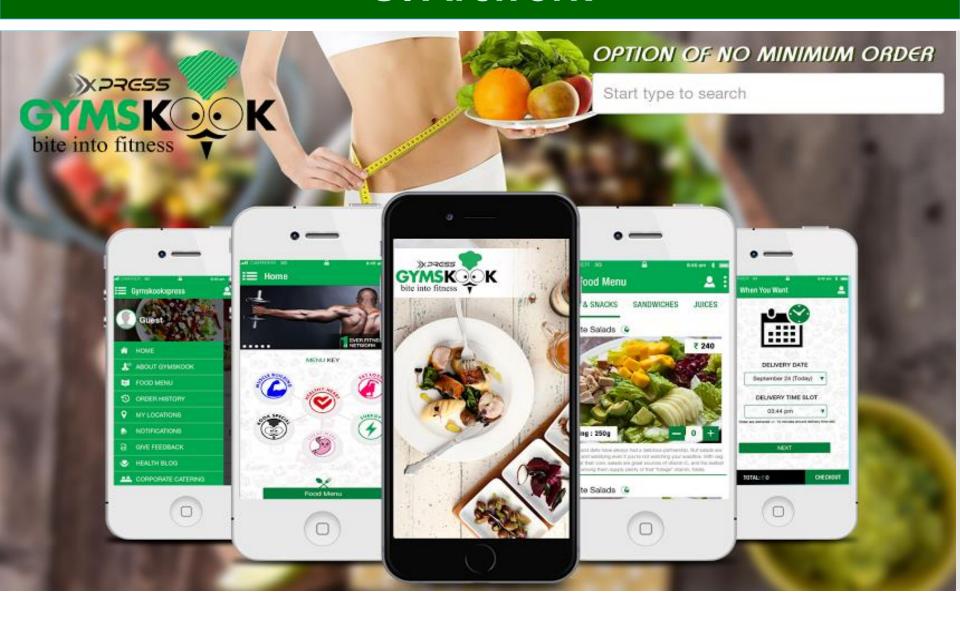
- Never miss another new sales leads
- Find a local merchant instantly
- Just scan it; instant product rewards and free warranty registration
- Manuals & leaflets on demand
- Some rather nifty gadgets
- https://play.google.com/store/apps/details?id=com.glow.worm&hl= en GB







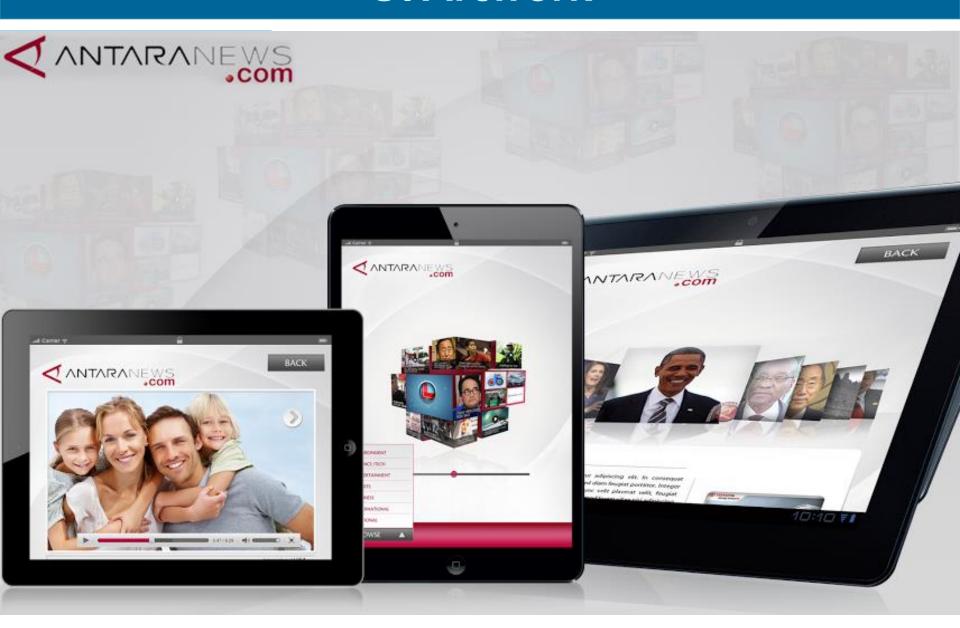


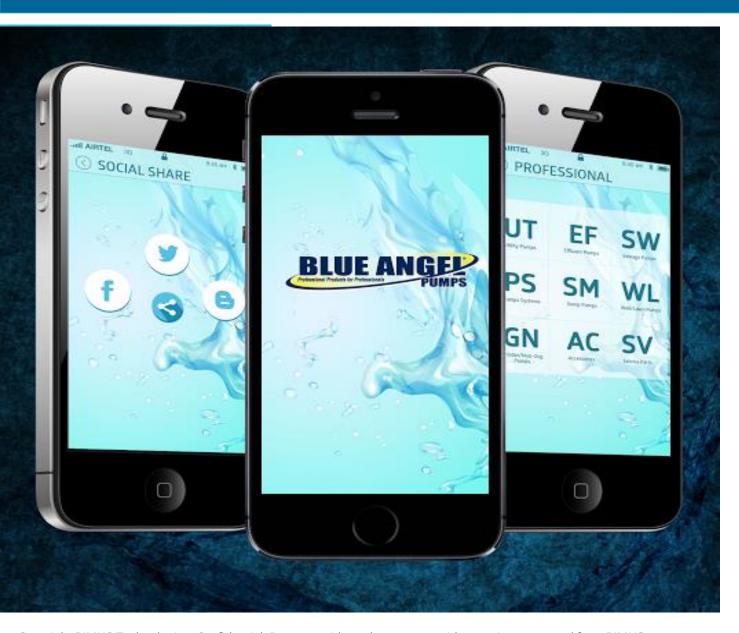














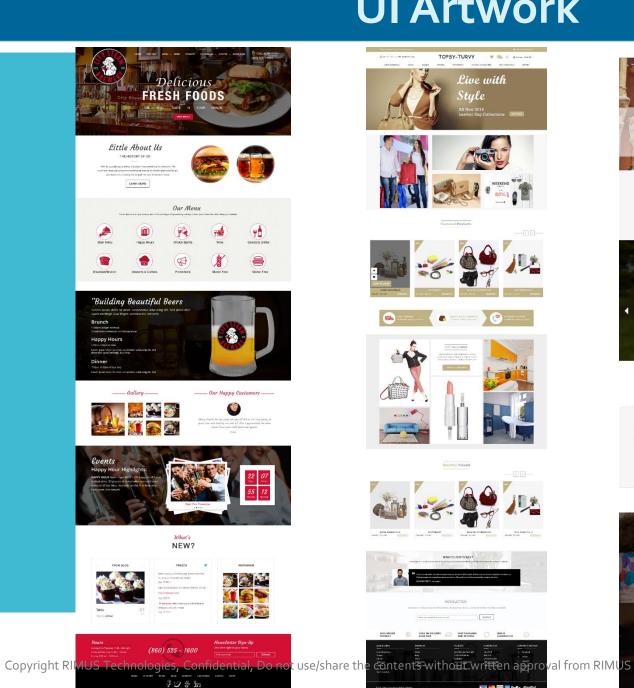
We Specialize In All Fine Swiss & German Watches









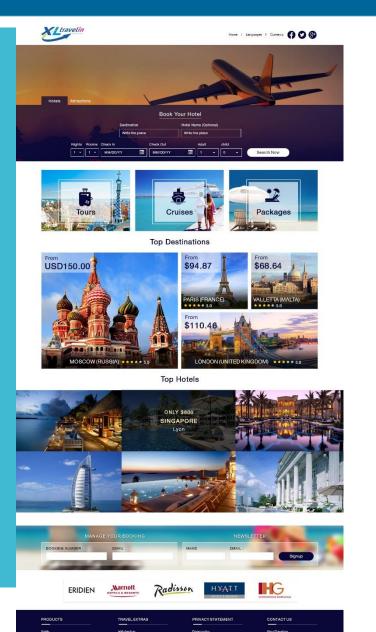


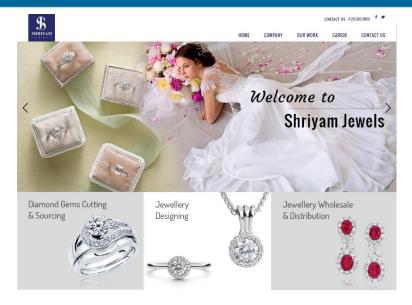












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Website References http://www.protectswhatsgood.in/
http://www.mycity4kids.com/
https://www.medexsupply.com/
https://moneysaverz.com/
http://www.colourentice.com/
http://www.changeyourboss.com/
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