Delivering Distinctive Software Services

>Bipin Kumar, Co-Founder

WEBSITE : WWW.SMARTCLOUDDC.COM

About Smart Cloud Development Center

- In a market that constantly unveils new opportunities, we leverage our multi-tiered expertise to build customized solutions for your business that are fast, scalable and reliable. We are also customer focused IT Staffing and software solutions provider based out at India & US.

- **SmartCloud Development Consultant** incorporated in 2017 is a privately held company. We have since consistently provided high-precision electronic publishing, data conversion and data capture services.

- **SmartCloud Development Consultant** started out as a purely data conversion company in 2015 and over the year due to its constant endeavor to excel added e-publishing, content development, software solutions and project consultancy as part of its services.

- **SmartCloud Development Consultant** is a full-service company in this business, which means we can analyze the project and propose the best solutions or combination of solutions to assure maximum quality at a minimum cost for our clients. Each of our clients receives the well-tailored services they have right to expect. We are sensitive to confidentiality problems, time critical matters and comfortable with unusual sources or materials. Whatever your special needs may be, we at **SmartCloud Development Consultant** can accommodate them via a custom-created plan.

- We attribute our consistent quality and success to our highly motivated work-force. Our technical and production staff is not only fluent in English but over 75% have college degrees. We have assembled an excellent force and have united it with the latest advances in technology to provide our clients with exceptional value in the world of information technology.

- **SmartCloud Development Consultant** as an enterprise is completely customer focused. We believe in providing stable, top-quality services and support at affordable and competitive prices. **SmartCloud Development Consultant** — with in-house developed technologies and quality systems — always comes first.

- Our goal is to make **SmartCloud Development Consultant** services so accessible and reliable that our clients feel that SmartCloud Development Center is the office down the hall - regardless of where they are in the world.

About Smart Cloud Development Consultant

- 6+ years in offshore software development and solutions
- React JS, MVC, Node, .Net and Oracle EBS cloud and On Premise Solutions
- Full life cycle Implementations
- Health checks and Quality Assessments
- Training and Workshops
- ERP Applications Database Administration
- Customizations
- Software Application Support both onsite and offsite
- Report Writing Spanning across all industry verticals, Affordable, Simple & Secure ERP solutions for SMBs
- 20+ resources, 1M+ resource hours of s/w dev experience
- End-to-end development
- System Design and Architecture
- Web Apps
- Mobile Apps
- Solution Engineering
- End-to-end IT Staffing
- Infrastructure Management
- 3rd Party Integration
- Digital Marketing

Technology competencies

SMART CLOUD DEV

Backend Technologies

Java, node.js, HIBERNATE, spring, CodeIgniter, CakePHP

Microsoft .net, C#, Microsoft ASP.net, Microsoft VB.net, ASP.net MVC, php

Database

MySQL, ORACLE, Microsoft SQL Server, PostgreSQL

Frontend Technologies

jQuery, Bootstrap, BACKBONE, HTML5, AJAX, XML, HTML, {JSON}, ANGULARJS, React JS

Servers

APACHE HTTP SERVER, Apache Tomcat, JBoss, Microsoft IIS Internet Information Services, Microsoft Office SharePoint

Mobile Technologies

Apple, ANDROID, X, CODENAME ONE, PhoneGap

Third party Integration

xero, box, salesforce, ZOHO, intuit QuickBooks, act!, PayPal

Google App Engine, rackspace, amazon web services, New Relic, stripe, Solve360

CMS

Joomla!, Magento, VirtueMart, WORDPRESS

QA Tools

Apache JMeter, Se

IT Staffing

Candidates for all business sectors

Access skilled resources rapidly

Keep resource cost low

Contract Staffing

Stay agile and flexible

Quickly fill skill gaps

Easily respond to fluctuating work loads

Development examples

1. **SCDC Products** – ITM, FAS, SCDC-POS, Exikonnect, SCDCQUIZ, Medireport etc.
2. **DRDP-** .NET, iPhone, iPad, Android Tablet
3. **Plexus** – SharePoint, multiple
4. **Genentech-** .NET, multiple
5. **Epublishing** – Tools to generate Webpage with all tagging rules
6. **Logistic Application** – Analyze and build many WMS customized application

Team expertise

1. **Platform-** MVC, MVVP, MVP, React JS, React Native, Node, Angular, Silverlight, ASPX, Client-side scripts , xamarin, .net core , extJs , ELK , Wpf , Asp.net mvc , angluarJs , Machine Learningetc.
2. **Mobile** – IOS, Android, React Native
3. **SharePoint-** On-Premise, Online, Office 365
4. **Salesforce-** Application Development And Integration
5. **Database-** MySQL, SQL Server, Oracle, DB2, PostgreSQL
6. **Tools-** MS Project, MS Visio, TFS, SVN, VSS, JIRA, PowerBi etc

WMS Journey

SCDC team has developed and implemented multi-TENANT system which provides APIs and extension capabilities for major objects to make on boarding, integration and trials easier. WMS 1.0 is concerned with providing functionality to the Partner types to manage WAREHOUSE ITEMS. It will the act of organizing and controlling everything within the warehouse – and making sure it all runs in the most optimal way possible. This includes :

➢Arranging the warehouse and its inventory.
➢Having and maintaining the appropriate equipment.
➢Managing new stock coming into the facility.
➢Picking, packing and shipping orders.

❑ Technology and Architecture
❑ Functionalities
❑ Mobility
❑ Integration
❑ Ease of Customization
❑ Scalability
❑ Development & Support Infrastructure
❑ Application and Data Security

❑Technology and Architecture

1. **Front end Development Tools :**   VB.Net, React JS

2. **Web Service for Business Object :** Node , .net core

3. **Database-** SQL Server 2019

4. **Tools-** MS Project, MS Visio, TFS, Bitbucket etc

Architecture :

DB and API Server

APP Server

Putaway, Picking and Stock
Reconciliation ops at ware
house

Web user for Remote
Access

Desktop user for Ops at
WH

Mobile user for remote
access

Functionalities

Modules	Broad Features
WMS	❖ Masters ❖ Inbound ❖ Outbound ❖ Warehouse Internal process ❖ Reverse Logistics ❖ Quality checking – Inbound, Outbound, Adhoc ❖ Cycle Count/Physical Inventory ❖ Related Services Billing/Contracts/Approvals ❖ Handheld Terminals, Tabs, Desktops, Voice picking.. ❖ Item identification with barcode/QRcode, RFID…
TMS	❖ Masters ❖ Booking Orders ❖ Revenue Calculation – Rate, Distance, Network options, modes, Specialized services ❖ Booking Confirmation and Communication ❖ Execution Planning – Vehicle, Special Vehicles, Capacity, Documentations ❖ Cold Chain data capture ❖ Track and Trace ❖ Related Services Billing / Contracts / Approvals ❖ Handheld Terminals, Tabs, Desktops

Functionalities

Modules	Broad Features
Finance	❖ **Payables** ❖ **Receivables** ❖ **Fixed Assets** ❖ **Book Keeping**
Integrations	❖ Agents ❖ Ship-Engine ❖ Different Courier & Transport modes – Road, Rail, Water, Air, Multi modal ❖ Pallet Accounting ❖ Vehicle – phone, SIM, Maps ❖ ERPs – SAP, Oracle, home grown ❖ Standard APIs ❖ PTL, ASRS systems like automated robots, Sorters, Warehouse Execution systems
CRM	❖ Sales Force automation ❖ Quotation ❖ Finalization
Helpdesk	❖ Complaints ❖ FAQ ❖ Call Centre
Reporting	❖ Transactional ❖ MIS ❖ Dashboards ❖ Visual ❖ Slice and Dice ❖ Customer Access ❖ Agent Access

Application and Data Security

- Application Access is controlled at
  - Component / Activity level
  - Roles attached to User
- Data Access – No Display, Display only, Edit
  - Workflow for Approval - multi-Level

Mobility Apps

- Native or Online enabled
- Warehouse operations completely on HHT / Mobile
- Latest technologies used – React JS, React Native

Inhouse Expertise

- Implemented SAP WM using SAP ECC6.0 with EHP7 for multiple warehouses
- Implementation of SAP AFS6.0
- Product development – WMS using Dotnet
- Product support

Development and Support Infrastructure

- Development and deployment using Azure services from Amazon
- Currently the development centre is based in Delhi
- Client projects deployed in Azure or on-premise

AGILE PROJECT MANAGEMENT

- Agile Methodology
- Daily Stand-ups with 2 weeks Sprint
- Continuous Feedback
- Sprint Planning and Sign-off

Stakeholders

Development Request

Product Owner

Gathers and filters market requirements from key stakeholders **Creates stories**

Agile Project Management

Product Backlog Management

Release Planning

Release 1.0

Release 1.5

Release 2.0

Release Backlog Management
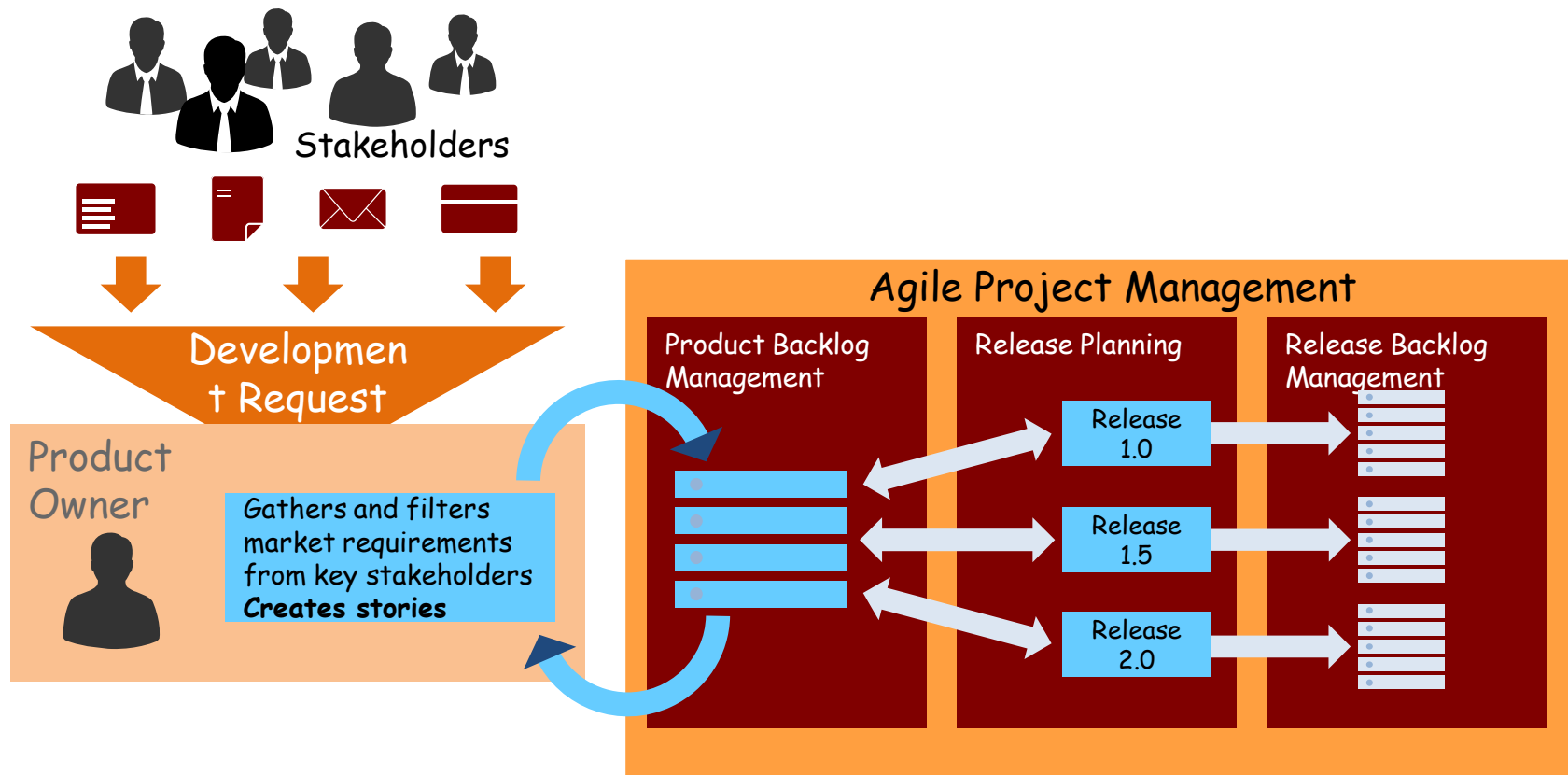
Web... Mobile First...

- Mobile from Day One
- Responsive Design
- Bootstrap
- Testing on mobile devices
- Email on mobile
- Responsive Grids

Desktop

Tablet
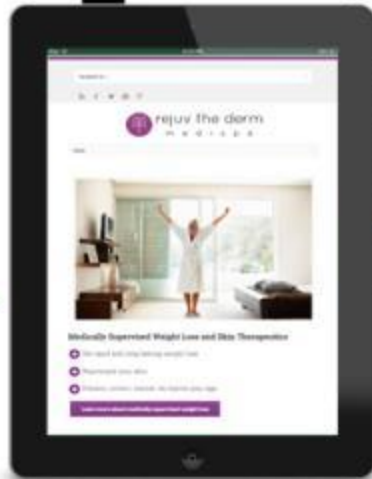
Smartphone

Mobile Apps Development Environments

Mobile Web / Hybrid			Native Mobile Platforms		Native Cross-Platform	
Native API to iOS (PhoneGap)	HTML5 JavaScript	Web View	iOS	• Objective-C • Xcode, AppCode	Xamarin .iOS (Mono)	• C# • Xamarin Studio
Native API to Android (PhoneGap)	HTML5 JavaScript	Web View	Android	• Java • Eclipse, IntelliJ	Xamarin .Android (Mono)	• C# • Xamarin Studio
Native API to Windows (PhoneGap)	HTML5 JavaScript	Web View	Windows	• C#, VB, F#, etc. • Visual Studio	Windows (.NET, WinRT)	• C#, VB, F#, etc. • Visual Studio

PhoneGap

Xamarin Studio

Mobile App, Case Study
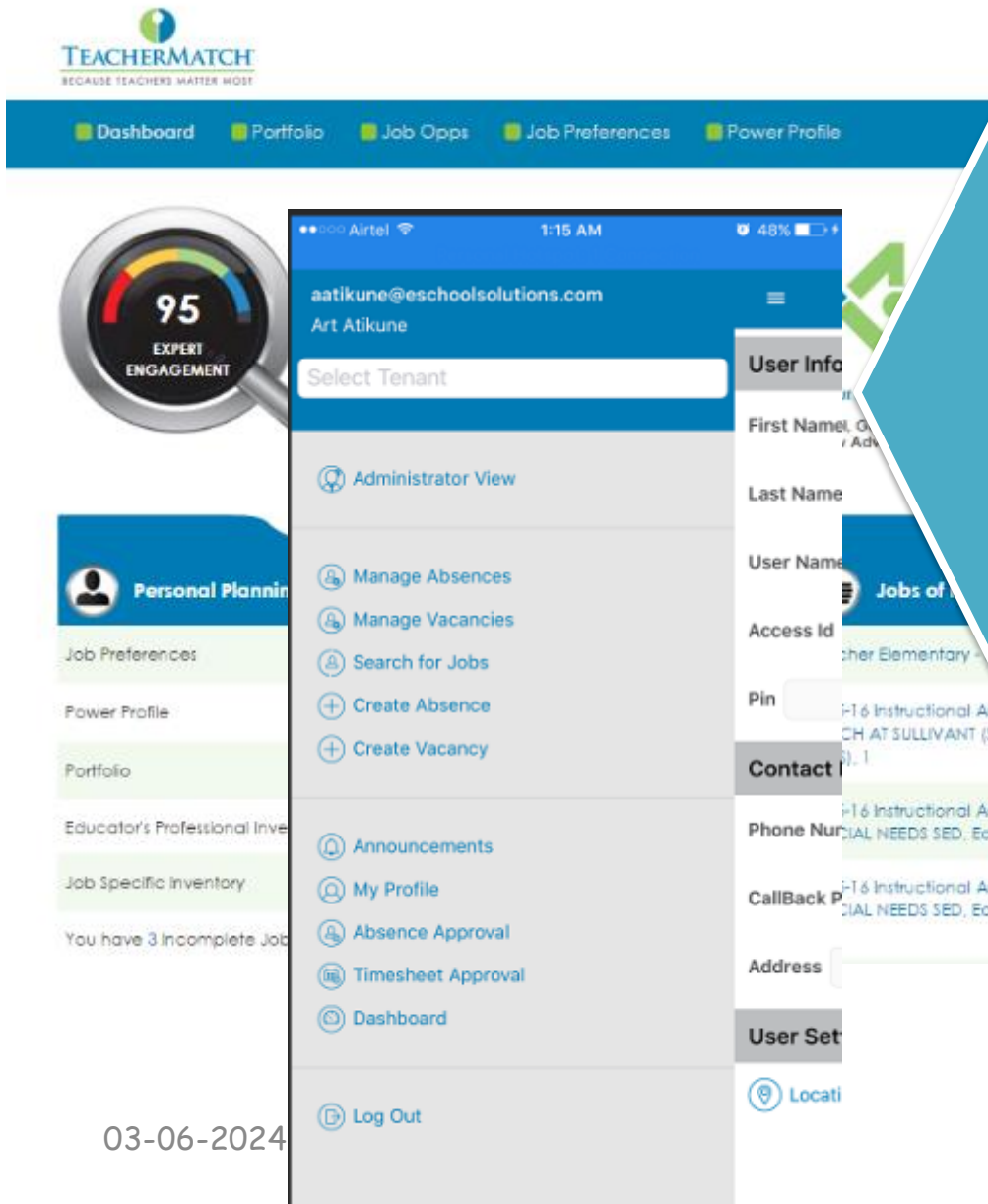
Industry first SAAS for educator impact predictive assessment
- 10K concurrent users
- Used across 300+ schools
- Java, Sprint, Hibernate, JQuery, Bootstrap, MySQL
- Xamarin App for Educator and substiutes

TeacherMatch

PHP Project, Case Study

TAXHELL.COM   **TAXHEAVEN**.COM

What kind of TaxPro do you need?

Select TaxHell or TaxHeaven

- Tax help for refund or money owed to IRS
- Marketplace for Tax Professionals
- Core PHP, CI Framework, JQuery, Bootstrap, MSSQL
- AWS hosted

TaxHell LLC
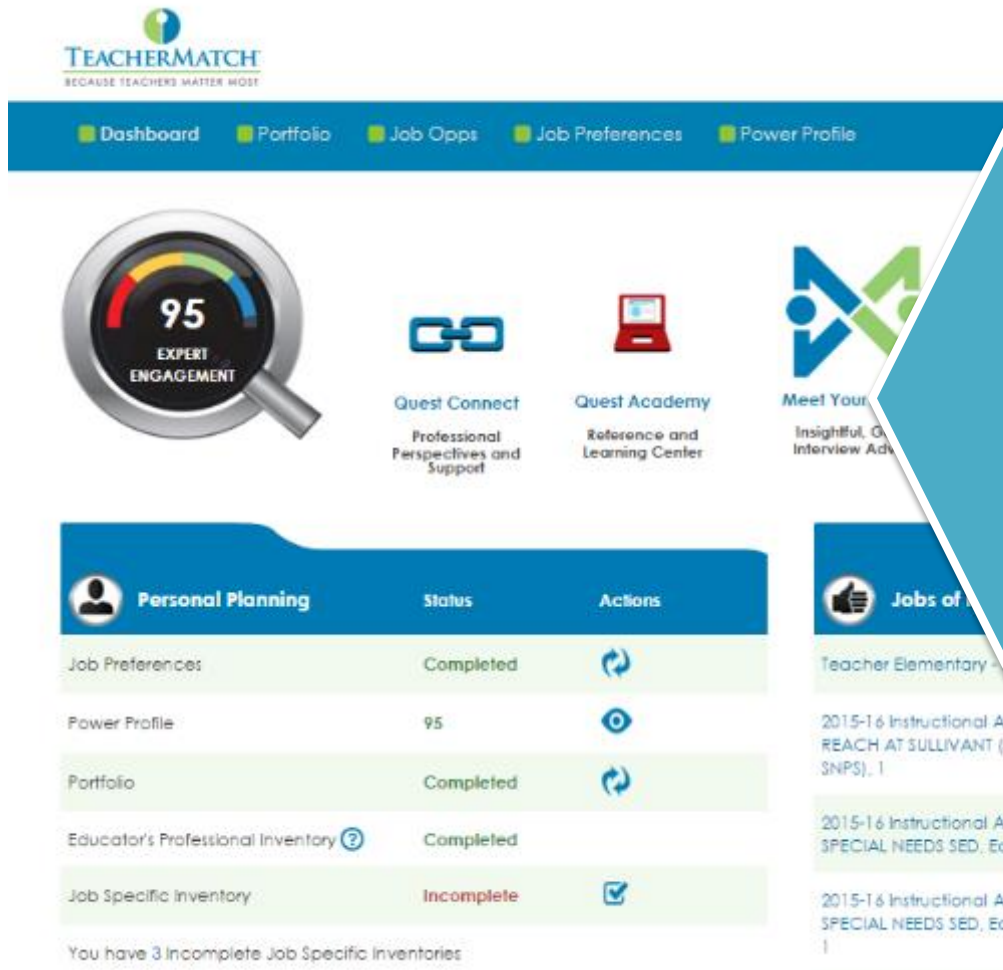
Governance Model

Roles and responsibilities, decision making tree and setup checkup points
to monitor the health of the project.

- ## Steering Committee
- ## Bi-monthly Reviews
- ## Process Chart
- ## Quality Chart
- ## Issue Resolution

React JS Project, Case Study

- Industry first SAAS for educator impact predictive assessment
- 10K concurrent users
- Used across 300+ schools
- Java, Sprint, Hibernate, JQuery, Bootstrap, SQLSERVER

TeacherMatch

.NET Project, Case Study

Crazy For Education
Real Lessons From Real Teachers™

Note to all users: Google Chrome works the best to play videos on your c... may not display all the options. Thank you.

Educ...

Trisha Scott
Middle School Math Teacher
Ricks Center for Gifted Children

Lesley Jorge
Teacher
Roycemore
70 Lessons

30 Les...

- Educational Lessons sharing
- 100K Videos
- 50K Students
- .NET MVC, JQuery, Kendo, Bootstrap, MSSQL
- Videos AWS cloud

CrazyForEducation

Communication

Tools: Teams, Skype, Phone, Email, GoToMeeting, Join.me, JIRA, HipChat, Slack, yammer, lync, webex, basecamp, trello

- Daily Stand-ups
- Escalation
- Formal Acceptance
- Continuous Feedback
- Sprint Planning and Sign-off

- Development India daytime
- PM late hours
- Off-hour support, if arranged

Billing Models

1
- Fix Bid

2
- T & M

3
- Monthly

Government- DRDP (iPhone, iPad, Android Tablet)

- **Customer need**- CDE required an app for monitoring video and audio based DRDP measures to be used by teachers to track progress of students in the classroom.
- **Solution**-cloud based backend, front end apps with rich features to capture complex information, especially video and
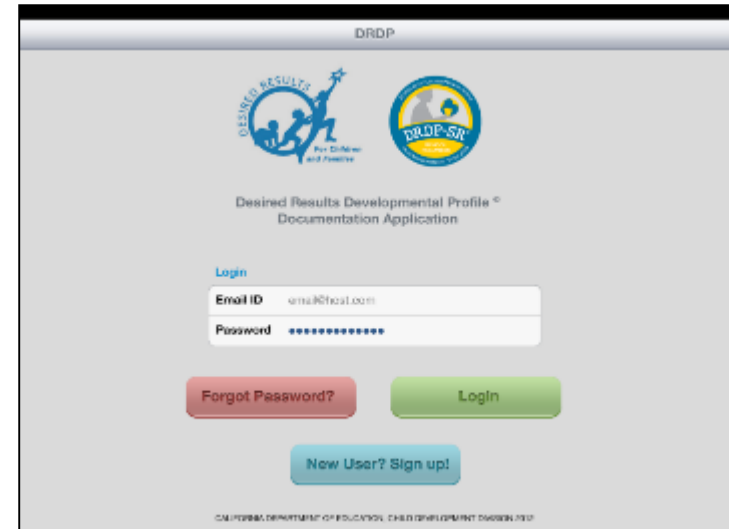
Key Features:
- Uploading Video, Audio and Photos
- Recording data for each child
- Exporting data in PDF and Excel file
- Notes can be added and saved, multipl users contributing content

Government- .NET portal

Exikonnect web application and iPad/Android APP
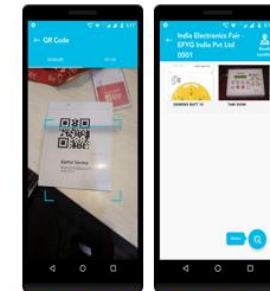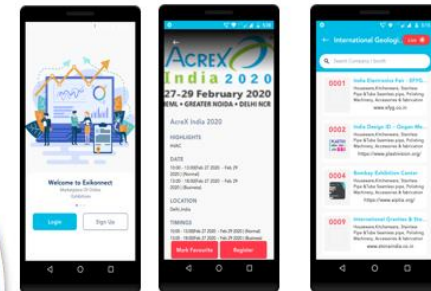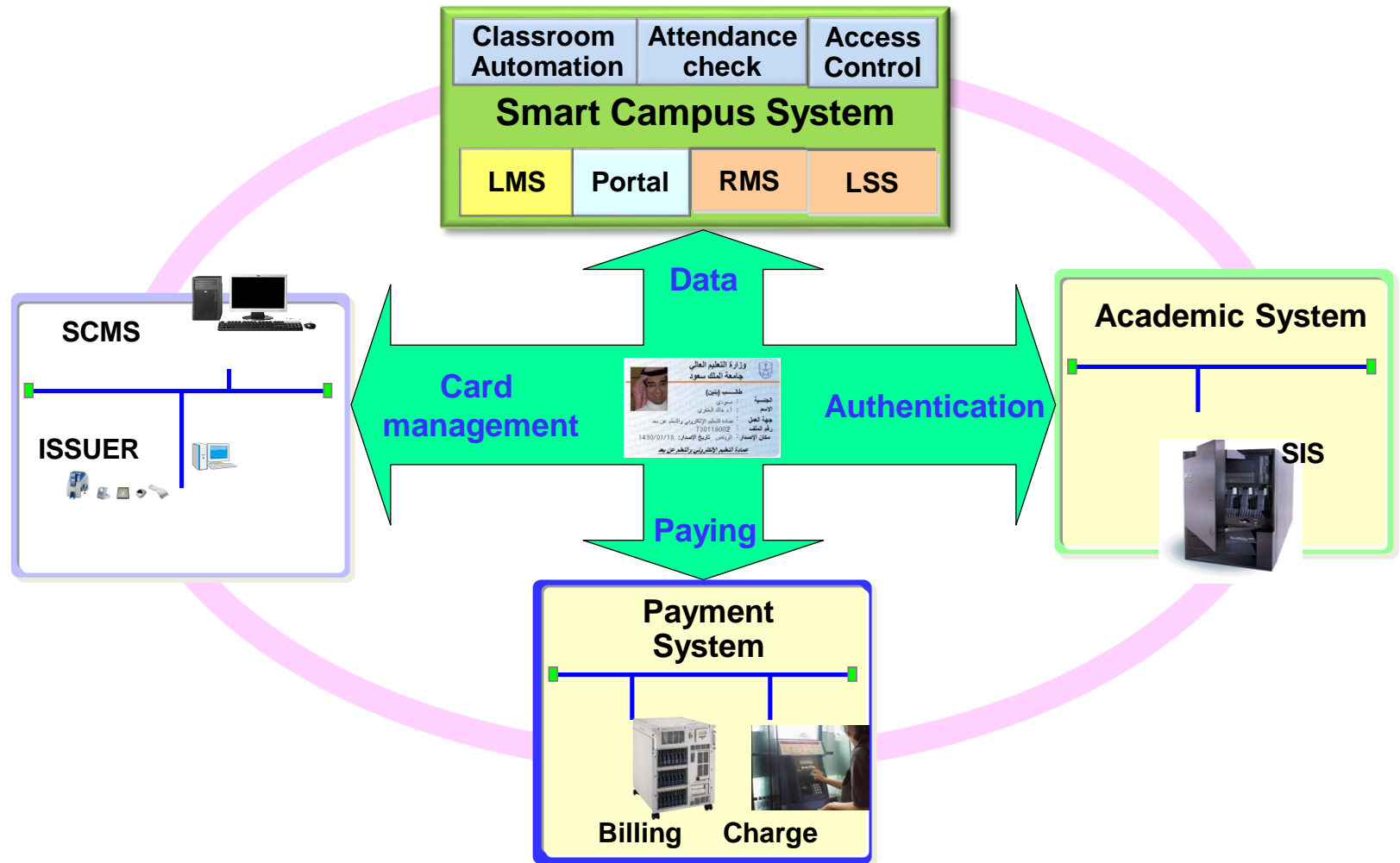
React Project - Smart Campus System

Java Project - Smart Campus System

Trusted by Enterprises such as:
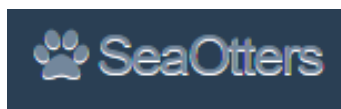
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