

SOFTWARE TECHNOLOGY BEST PRACTICES

MobileERP - Business Applications Architecture

MOBILEERP ARCHITECTURE

TECHNOLOGY	EMS	OMS	CRM	ERP	SCM	FMS	ITSM	IRP	POP3/SMTP	INTEGRATELY
APPLICATIONS	1 OMS	1 OMS	1 MARKETING	1 INVENTORY	1 MANUFACTURING	1 PLM	1 PROJECT	1 Service Chatbot	1 DOWNLOAD	1 LINKEDIN
	2 AMS	2 OMS	1 RETAIL	1 BUYER	1 CONSTRUCTION	1 EAM	1 REQUESTS	1 Survey Chatbot	1 UNFILED	1 FACEBOOK
	3 ESS	3 BXM	1 CONTRACTS	1 SELLER	1 TRADING	1 CMMS	1 ISSUES	1 IOT-Connection	1 FILED	1 MS OFFICE
	4 BI-DB	4 BPM	1 PROJECTS	1 HR/PAYROLL	1 SERVICES	1 IWMS	1 INCIDENTS	1 BARCODE/NFC	1 DELETED	1 MS PROJECT
	5 REPORTS	5 SEM	1 WHOLESALE	1 FINANCE	1 SUPPORT	1 CIMS	1 PROBLEMS	1 QR/CODE/VIB	1 COMPOSED	1 OTHER DB/ERP
	6 TOOLS	6 EPM	1 EXPORTS	1 IMPORTS	1 GOVERNMENT	1 ISO	1 SOLUTIONS	1 UI/PATH-RPA	1 SENT	1 GST API
CODELESS SERVER	LOGIN	MENU	DOCUMENTS	PROCESS	TODD	PAGE	CHATTER	MEETING	KANBAN	FILE SERVER
METADATA	PASSWORD	USERRIGHTS	FORM/FOLDER	ACTIVITYLIST	WORKLIST	TABS	CHATLIST	MEETINGLIST	ACTIVITYLIST	UNLOADED FILES
GUI FRAMEWORK	WEBIX	G CHARTS	W3.CSS	BOOTSTRAP	METRO 4	HTML5	JQUERY	ANGULAR JS	APP ML	W3.JS
DATABASE SERVER				SQL SERVER					PST	JSON
SERVER PLATFORM	MICROSOFT .NET									
OPERATING SYSTEM	MICROSOFT WINDOWS SERVER ON CLOUD SERVER LIKE AZURE/DATABASEMART OR INHOUSE SERVER									

Notes: EMS: Employee Management System OMS: Organization Management System CRM: Customer Relation Management ERP: Enterprise Resource Planning System SCM: Supply Chain Management System FMS: Factory Management System ITSM: Information Technology System Mgmt IRP: Intelligent Resource Planning

DMS: Document Management System AMS: Activity Management System ESS: Employee Self Service BIDD: Business Intelligence Dashboard FORMS: Form Management System WMS: Warehouse Management System DMS: Department Management System BXM: Business Experience Management BPM: Business Process Management SEM: Strategic Enterprise Management EPM: Enterprise Performance Management PLM: Product Lifecycle Management EAM: Enterprise Asset Management CMMS: Maintenance Management System IWMS: Int Workplace Management System QMS: Quality Management System IOT: Internet of Things

SoftRobot - Codeless Programming Architecture

ADMIN	DEVELOPER								IMPLEMENTER
USER MANAGER	MENU MANAGER	FORM MANAGER	PROCESS MANAGER	SELF-SERVICE MANAGER	DASHBOARD MANAGER	REPORT MANAGER	MESSAGE MANAGER	SETUP MANAGER	
Create User	Create Rights	Create Form/Workflow	Create Process	Create SelfService/Chatbot	Create Alert/Dashboard	Create Report	Create API/RPA/MSG	Enter Company Master	
Manage Edit User	Manage Edit Rights	Edit Form/Workflow	Edit/Modify Process	Edit/Modify SS/Chatbot	Edit Alert/Dashboard	Edit/Modify Report	Edit API/RPA/MSG	Enter Business Master	
Disable User	Delete Rights	Delete Form/Workflow	Delete Process	Delete SelfService/Chatbot	Delete Alert/Dashboard	Delete Report	Delete API/RPA/MSG	Map Employee to Users	

BPM - Business Process Management Automation

MobileBPM	PLANNING				DEVELOPMENT				ANALYSIS				
Process	Standardization	Collaboration	Finalization	Document	Task Owners	Leadtime	Progress	Automation	Performance	Status	Intelligence		
Task	Define Process	Share & Discuss Process	Finalize & Freeze Process	Final, Report, Program, or Activity	User who will do this activity	Allowed Standard Time to do the Activity or Process Operations	Progress of Workflows	Activity based Workflows	Time based Workflow	Instant Workflow	Process Performance DASHBOARD	Process Status KANBAN	Process Intelligence BOMBS
Roles	Process Manager	Submitter	Decision	Process Development Manager				Process Owner	Process	Process Manager			
Examples	<p>Process Work: Draft Development Process Approvals on Draft Process Finalized Development Process Self-Service Development Responsibility Development Standard Setup Progress Mail Tagged by Activity Tagged by Time Tagged by Event Completed/Waiting Task New People</p> <p>Activities: Create Request Form Create Request Form Create Request Form Create Request Form Create Request Form Create Request Form Create Request Form Create Request Form Create Request Form Create Request Form Create Request Form Create Request Form Create Request Form</p>												

SoftServer - UI/UX Layout Servers for End User Apps

MobileERP in	USER INTERFACE ELEMENTS AND USER ARCHITECTURE												
NAVIGATION PAGE	Home	My Documents	Select Document	My Projects	My Pending Tasks	My Progress	My Task Card	My Task Calendar	My Task Worksheet	My Activities	My Self Service	My Messages (6)	My Emails (12/12/2)
SECURITY	LOGIN	REGISTER	FORGET PWD	RESET PWD	SET ADMIN PWD	VALIDATE USER	PWD EXPIRE	PWD RULE	MS-Office Login	MS-Office	IP Login	GPS Login	ADMIN
CREATE USER	VALIDATE USER	DISABLE USER	MONITOR USER	CHEK ILLEGAL USE	RESET PWD	USER LOGINS/RIGHTS	LINK TO PARTY						

SoftServer - Codeless Data Servers for End User Apps

USER MANAGER	MENU MANAGER	FORM MANAGER	PROCESS MANAGER	SELF-SERVICE MANAGER	DASHBOARD MANAGER	REPORT MANAGER	MESSAGE MANAGER	SETUP MANAGER
SECURITY	DOC ACTION TABS	MY DOCUMENTS	MY PROJECTS	MY PROGRESS	MY REPORTS	MY LIVESVIEW	SETTINGS	
LOGIN	My Documents	Page	Create New	FieldService	Grant	Dept Reports Server	MESSAGE Alerts	Change Pwd
REGISTER	My Projects	WhatNext	Assign Rights	Budget/Advance	Kanban	Doc Dashboard	COMPLIANCE Alerts	My Profile
FORGET PWD	My Tasks	Ref Docs	ExpenseClaim	Calendar	Growth + comparison	HOLD/Process Alerts		My License
RESET PWD	My Activities	WorkArea	Timesheet/OT	Scheduler	Typewise Phechart	MY MESSAGES		My Rights
MY SELF-SERVICE	My SelfService	Chart	Create Project	Reminder	Top 3 Party List	My Doc Group		My MyBOM
SET ADMIN PWD	My Chatbot	Meetings	Manage Project	Payroll	Workload	Yearly Documents	Livecard Mags	My Usage
VALIDATE USER	My Progress	Emails	Department Delivery	Benefits	Timeline	Doc Summaryboard	Attachments	My Policy
PWD EXPIRE	My Alerts	Status	Product Deliverables	Career	My ALERTS	Daybook/Checklist	Invite People	My Ethics
PWD RULE	My Dashboards	Onhold	Execute Activity	Training	Work Escalation	Party Statement	My Subscription	My Behaviour
MS-Office Login	My Reports	Onhold	Closed/Hold/Cancel Projects	IT Support	Approvals Pending	Typewise Register	MY EMAILS	My Holidays
MS-Office	My LivesView	Onhold	Project Govt Chart	HR Request	Data Entry Pending	Itemwise Register	Download	My MyBOM
IP Login	My Messages	Print	Project Critical Path	Purchase Req	Party Pending	Amountwise Register	Unfiled	My Usage
GPS Login	My Emails	FOLDER TYPES	Project ProfitabilityBoard	Leave Encash	Performance Failure	Doc AnalyticsBoard	Filed	Announcement
ADMIN	My Tools	Grid/Icon Folder Views	Project Billing/Cont Breakup	Resignation	Work Efficiency	Trends KPI	Sent	Birthdays
CREATE USER	My Settings	OPEN FOLDERS	My TASKS	My CHATBOTS	Delayed Tasks	Print Table	Deleted	Onholdup
VALIDATE USER	Logout	ADD/DEL/CLIP	Tools	Inventory CB	Report to Local	Composed	Permissions	Permissions
DISABLE USER	ADMIN MENU	APPROVE FOLDERS	Inprogress	Jobseeker CB	KPI/BO2016-Sigma	Doc Processboard	Search	Browser setup
MONITOR USER	Organization/Drill	Approve Form	Done	Support CB	Working Analysis	Relationship Map	Reports	Printer setup
CHEK ILLEGAL USE	Department/Drill	CLOSED FOLDERS	History	Product CB	ROI/Costing/P/B/L	Kanbanboard	MY TOOLS	Email setup
RESET PWD	Process Drilldown	Approved Form	MY ACTIVITIES	Technician CB	LIVEVIEW Boards	WorkFlow Taskboard	Calculator	Mobile setup
USER LOGINS/RIGHTS	Org & Related DB	CANCEL FOLDERS	DD VIEWS	Supplier CB	Dept Dashboards	Doc Costboard	Calendar	Restrictions
LINK TO PARTY	User Analysis	Rejected Form	Security CB	Security CB	Visual Boards	Customized Reports	Notepad	Security Policy

MobileERP, SoftRobot & SoftServer Technology Architecture

CLIENT FRONT END				SERVER BACK END				
NOTEPAD++	NOTEPAD++	NOTEPAD++	NOTEPAD++	MS IS	GLOBALASA	MS SSMS		
GUI FRAMEWORK	LANGUAGE	TEMPLATES	LIBRARIES	LANGUAGE	DATASERVER	INTERPRETERS	CONNECTORS	DATABASE
HTML5	JavaScript	Artificial Intelligence	NumPy	VBScript	ASP FOR IS	ADO/OLE/ODBC	SQL SERVER	SQL SERVER
CS3	Jquery	Machine Learning	Scipy	JS	PHP FOR IS	POP3/SMTP	EMAIL SERVER	EMAIL SERVER
BOOTSTRAP	AngularJS	Data Science	Scikit-learn	TSQL	SQL	SQL SERVER	HTTP/FTP/SSH/SMTP/REST	FILE SERVER
W3.CSS	jQuery	Deep Learning	PyTorch	Python	Python	PYTHONWS	FILE/FTP	PRINT SERVER
WEBIX	W3JS	Computer Vision	TensorFlow	C#	NODEJS	NODE JS NPM	XML/JSON	SMS SERVER
METRO4	Ruby	Internet of Things	Matplotlib	Java	JAVA SERVICES	TOMCAT	GSTAPI	GST SERVER
G CHARTS	Python	Python Projects	Pandas	R	GO	GOCD	ZAPIR	LINKEDIN
Angular io		Web Projects	Requests				INTEGRATELY	EXCEL FILES
LINKEDIN		Graphs/Charts	ScikitMemory				AS RPA	MS OFFICE
LINKEDIN		Graphs/Charts	ScikitMemory				ALEXA	EXCEL FILES
LINKEDIN		Graphs/Charts	ScikitMemory				Scada/PLC	TAG DB
Report Builder		Reporting					SRS	REPORT SERVER
Play Java		Scheduler					Barcode/G/Code	INSTAGRAM/FB
Power BI		Dashboards					NFC/Biometric	WHATSAPP

MS WINDOWS .NET SERVER PLATFORM