

Specifications and Features

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ROS – Project

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Section 1

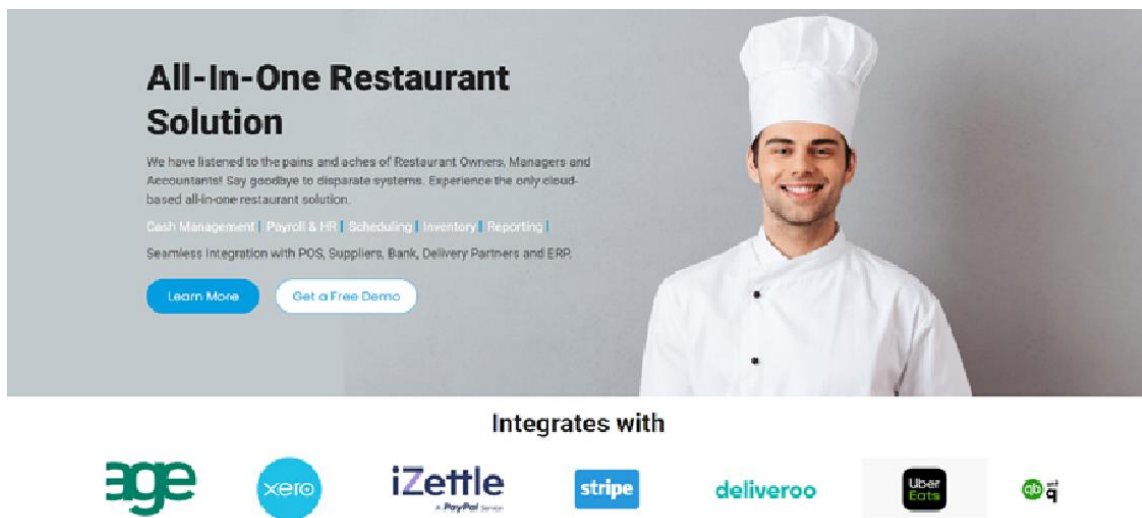
Project Introduction

1 Executive Summary

This document provides a detailed look into the different aspects of ROS – Restaurant One Solution. The details of the document consider the valuable inputs provided by all the stakeholders from the team over the course of the study. The purpose of this document is to showcase the different artifacts developed and delivered after interactions between ROS and Pratian Technologies India Pvt. Ltd.

2 Introduction

ROS is a software designed to boost a restaurant's productivity and unlock profit by eliminating errors and automating fresh operational processes. Be it accounting, cash management, personnel management, inventory management, or delivery services reconciliations, you have a complete package bundled into one comprehensive software solution.



Key Goals defined are:

- Enable Operational Efficiency with KPI driven solution measuring every key activity with critical control points
- Increase Revenue and Profits for a Restaurant with High Quality Workflow, Automation and Business Intelligence
- Single Identity – One common Identity for Users, Restaurants enabling SAAS and creating high quality and consistent data and identifies
- Compliant and Secure Data, Integrated – Each account owns it's data with necessary compliances and security measures. Also data integrated into one place across sources

3 Modules

- [1] **Cash Management** – Poor cash management is one of the prime reasons why many restaurants fail to thrive. Disparate systems give rise to cash leakages and reconciliation headaches. Restaurant One Solution is integrated with POS, Delivery Partners and Banks Providing single source of data, so you know exactly what the source of daily sales/takings are and what has been banked.

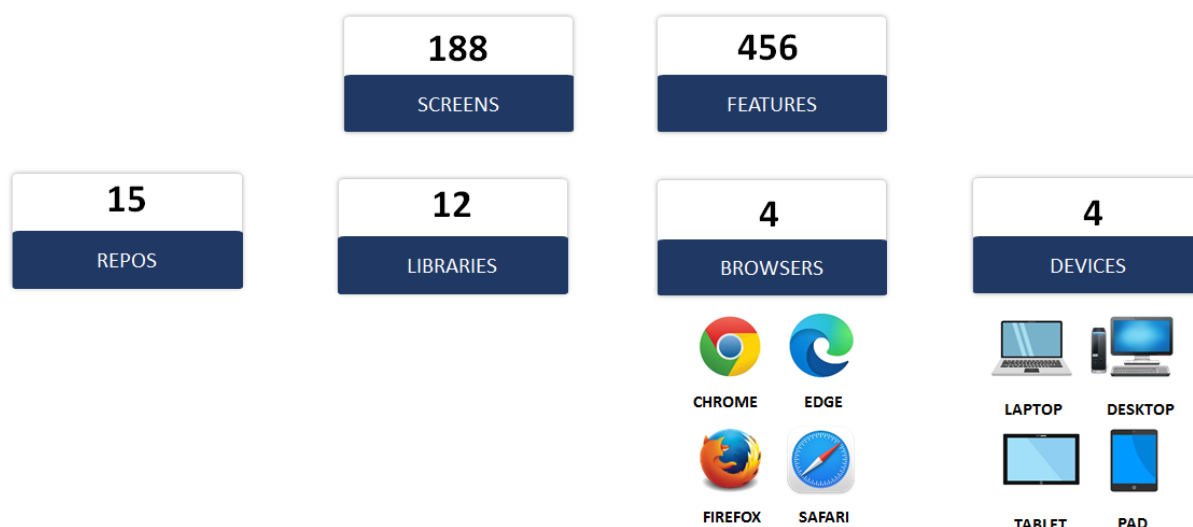
- [2] **HR & Scheduling** - A winning formula for running a successful restaurant is finger licking food and excellent customer service. You take care of tasty cuisine and let ROS take care of ensuring that you are always resourced well to provide that excellent customer service. There is no greater satisfaction than to see repeat customers.

- [3] **Inventory Stock Management** - Restaurant One Solution is designed to help you optimize your supply chain and streamline procurements, delivery, and inventory counting. Switching to our inventory management software means getting your food cost under control, saving hundreds of hours in bookkeeping every month. Using our end-to-end inventory management module, you can automate inventory & procurement processes, inter-location transfers and deliver the items you need — at the right time, to the right place, at the right cost.

- [4] **Mobile App** - In developing this all-in-one restaurant management solution, we didn't bury the user experience element under the pile of module-driven priorities. As a result, we now have a software interface that's visually appealing and works seamlessly across desktop computers, laptops, tablets, and industrial machines. What's more, we clearly understood that a full-fledged native mobile was a necessary component of the entire solution, so we didn't stop there. Our software team went the extra mile to put their thoughts, energy, and creative efforts into building a mobile version of this software that's as powerful as any feature-rich mobile app out there is.

- [5] **Dashboard & KPI Analytics** - Our dashboards and data analytics will transform your company into a metrics driven FoodTec business. Managers can leverage these staff dashboards to drive staff productivity, brand quality and company profit. These dashboards open new opportunities for your Directors and Executives. Executives can design business strategies, which ROS data scientists can transform into staff KPIs and dashboards. This will give executives visibility into the inner workings of their changing business and will help fine tune your profit engine.

4 Application Statistics

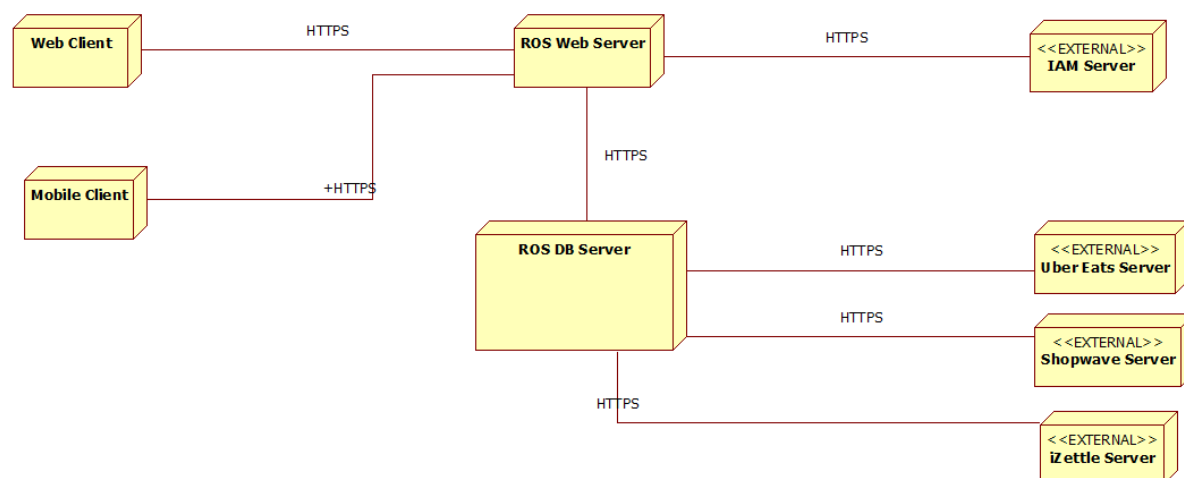


5 Actors

#	Title	Description
1	Business	Users who look at primarily financials and numbers - Reports and Dashboards - KPIS, Metrics with regards to business and financials
2	Management	Users who work with the system at the Business Process level. View the system from KPIS across the process like Operations, sometimes including financials. Etc.
3	Operations	Users who manage the system. They will be able to perform higher level tasks on the system like approvals, configuration etc. Will be able to view the dashboards and KPIS with regards to their function or across functions
4	Execution	Users who work with the system. They will be able to perform last mile tasks on the system. Can view dashboards and reports based on the privileges and views considered
5	Administration	Users who administer the system, usually involved in configuration and migration enabling other users to work with the system

Sr no.	Role Name	Role Description	Role Code
1	Super Admin	Director of the ROS Organisation	SAD
2	Account Officer	Employees of ROS	ACO
3	Client Admin	Director of the organisations who purchased the application from PAS	CAD
4	Operations Manager	Employees of organisations who purchased the application from PAS	OMR
7	General Manager	General Manager of Client Restaurants	GMR
8	Assistant Manager	Assistant Manager of Client Restaurants	AMR
9	Supervisor	Supervisor of Client Restaurants	SUP
5	FOH	Front Of House Employees of Client restaurants	FOH
6	BOH	Back of House Employees of Client restaurants	BOH

6 System Architecture



7 Key Compliances and Security

The Key Security and Compliance features of the ROS system is mentioned below. Periodically additional security measures and features will be incorporated into the system raising the bar for security for all applications in the system. Subsequently document would be updated of the same.

1. Transport and Transmission Data Encryption

We have implemented the EV SSL security and encryption certificate. All requests to the server are implementing and encompassing the certificate requirements. Data sent back and forth are encrypted ensuring safe transactions for the user.

2. Unique User Identification

Any user in the system is uniquely identified. Unique user Id is given to track the users when they switch applications within the eco system and enabling single sign on feature that would be implemented in the future. Identity Management Solution to be implemented.

3. User Privileges and Restricted Access

Each critical user action to be performed on the system is bound by privileges. Users and Roles are mapped with privileges to the features provided in the application. These are stored in the database and only if the user has necessary privileges to perform an action, he/she will be able to do so.

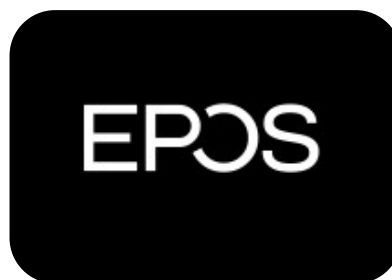
4. Restricted and Authenticated Database Access

Access to databases used for the applications are via usernames and passwords.

5. Data Security

Passwords and UID should be encrypted and stored in database.

8 Integrations



Section 2

Project Specifications

9 Classification of Dimensions

Below mentioned are the dimensions in which the backlogs/use cases solutions are to be defined

1. Data Gathering
2. Data Generation
3. Data Dictionary
4. Data Cleaning
5. Data Migration - Connect
6. DAX – Formulas and Statements
7. Mart Analysis
8. Visualizations

10 Product Backlog

#	Epic	Module	Feature
1	Project Orientation	Project Orientation	Project Walkthrough
2	Project Orientation	Project Orientation	Project URL Exploration
3	Project Orientation	Project Orientation	Modules and Features Understanding
4	Project Orientation	Project Orientation	Requirements Documentation
5	Data Management	Data Management	Create Data Dictionary
6	Data Management	Data Management	Understand Data Set
7	Data Management	Data Management	Create Sample Data for Data Set
8	Data Management	Master Data Migration	Migrate Data into Mart
9	Data Management	DW Schema	Map DW Schema
10	Data Management	Transaction Data Migration	Migrate Clients Data
11	Data Management	Transaction Data Migration	Migrate Restaurants Data
12	Data Management	Transaction Data Migration	Migrate Users Data
13	Data Management	Transaction Data Migration	Migrate Sales Data
14	Analytics and BI	Client Dashboard	View Client Summary
15	Analytics and BI	Client Dashboard	View All Clients
16	Analytics and BI	Restaurant Dashboard	View Restaurants Location Distribution
17	Analytics and BI	Restaurant Dashboard	View Restaurants Revenue
18	Analytics and BI	Users Dashboard	View Users and Roles Summary
19	Analytics and BI	Users Dashboard	View All Users
20	Analytics and BI	Sales Dashboard	View Monthly and Yearly Sales Report
21	Analytics and BI	Sales Dashboard	View Sales and Banking Report
22	Analytics and BI	Sales Dashboard	View Sales Analytics
23	Analytics and BI	Sales Dashboard	View Third Party Sales Distribution
24	Analytics and BI	HR Dashboard	View employees shift distribution
25	Analytics and BI	HR Dashboard	Employees Attendance Report for Payroll
26	Analytics and BI	Payroll Report	Employee Payroll Report – Monthly
27	Analytics and BI	Payroll Report	Employee Payroll Mismatch Report

11 Rules

1. Every Client, Restaurant and User should be uniquely identified in the system.
2. User Name and Unique ID cannot be changed during the migration process
3. Every Cash-up is for a specific restaurant. Each day Cash-up is generated at the end of day. This captures information about sales and expenses for the day.
4. Third party integration might be there for restaurants if yes, such data must be tagged and migrated
5. Tax information is available. Depends on the country. VAT if it is UK, GST if it is India. Data should capture information accordingly. If there's a mismatch should be flagged for errors and reported back.
6. Net Sales for the day is taken with Sales + ThirdParty – CashnPdq – Wage Advances. This must be recorded in the system.
7. Email Ids and Phone numbers must be formatted and cleaned and stored in the database.
8. Sales data must relate to every record across the sheets and then analytics must be generated to analyse sales across restaurants and other dimensions
9. The same structure of data will be available every day to migrate and transform. Repeatable cycle for migration and transformation should be established.
10. We need to capture the time of swipe. Import this data from csv file received from ROS team

12 Data Set

- Clients
- Accounts
- Restaurants
- Restaurants Addresses
- Primary Contact
- Users
- Currencies
- Departments
- Roles
- Countries
- PDQ Machine
- Business Module
- Functional Module
- Features

- Subscription
- Product
- Cash_up
- Sales
- Tax_info
- Wage_advance
- Thrid_party_info_master
- Petty_cash
- Cash_up_note
- Banking_info
- Cashnpdq

13 Deliverables

The below mentioned deliverables need to be submitted to the client

1. Data Generation – Minimum 1 Lac rows
2. Refined Data Set
3. Refined Data Dictionary
4. Scoped Product Backlog
5. Data Mart Analysis
6. Dashboards and Charts
7. DAX and Dynamic Visualizations
8. Project Presentation