

INDUSIND KIRANA WEB SERVICES

Team Name- Wisdom

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Features Covered in Project / Problem Statement



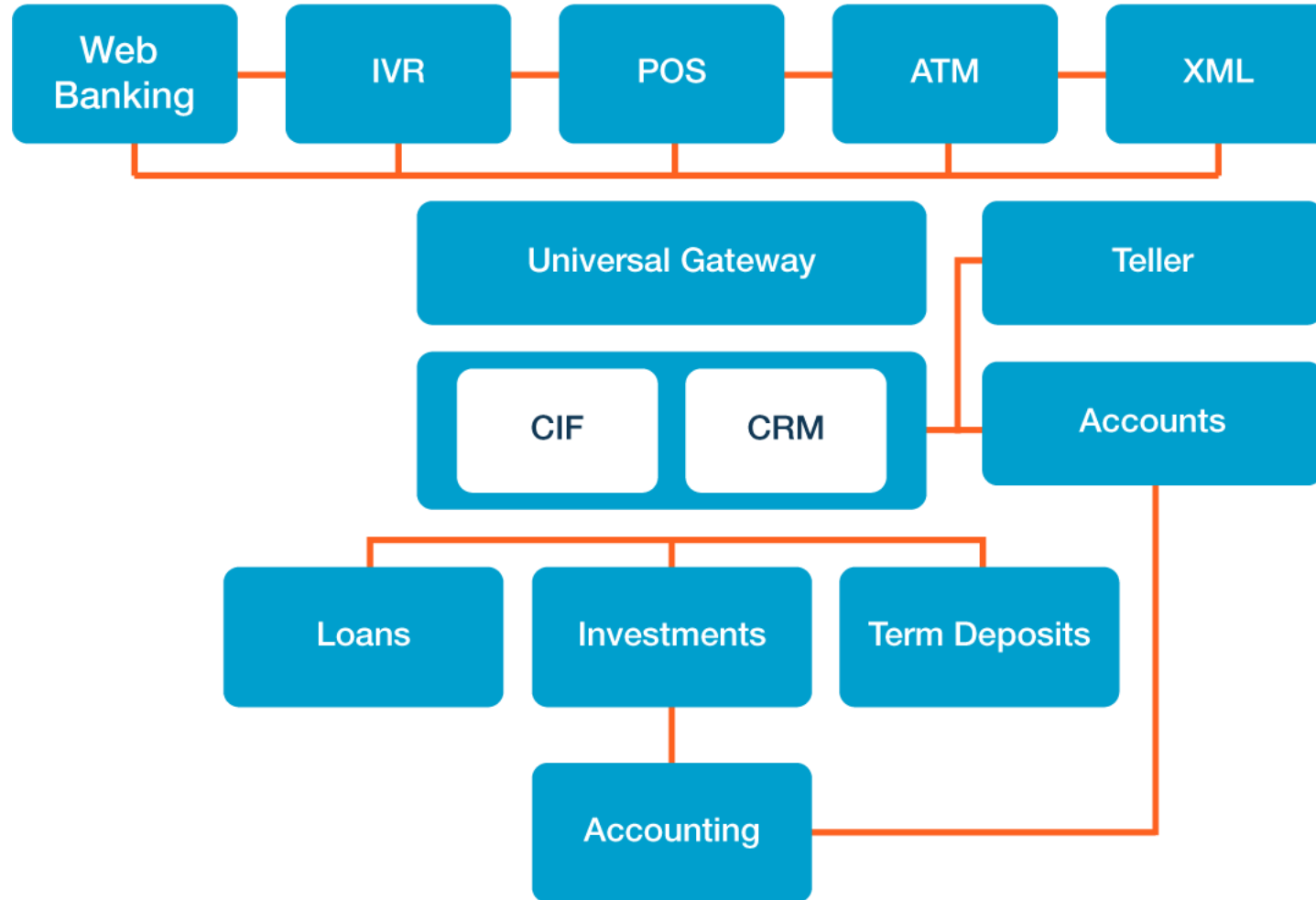
Our web Application provides the following features

- Has two users – one is Admin Kirana Merchant and Customers
- It mainly consists of Banking, Loan, Insurance, Grocery modules
- Services Provided by these modules:
 - ✓ One stop solution for Bank Products
 - ✓ Grocery Shopping
 - ✓ Loan Payment
 - ✓ Sell insurance
 - ✓ Give Loan
 - ✓ Transfer money
 - ✓ Account Balance
 - ✓ View Statement
- Intuitive Catalogues for Kirana Merchants
- Ratings and Review of Products
- Secure Authentication and Authorization
- Uses Open Source technologies

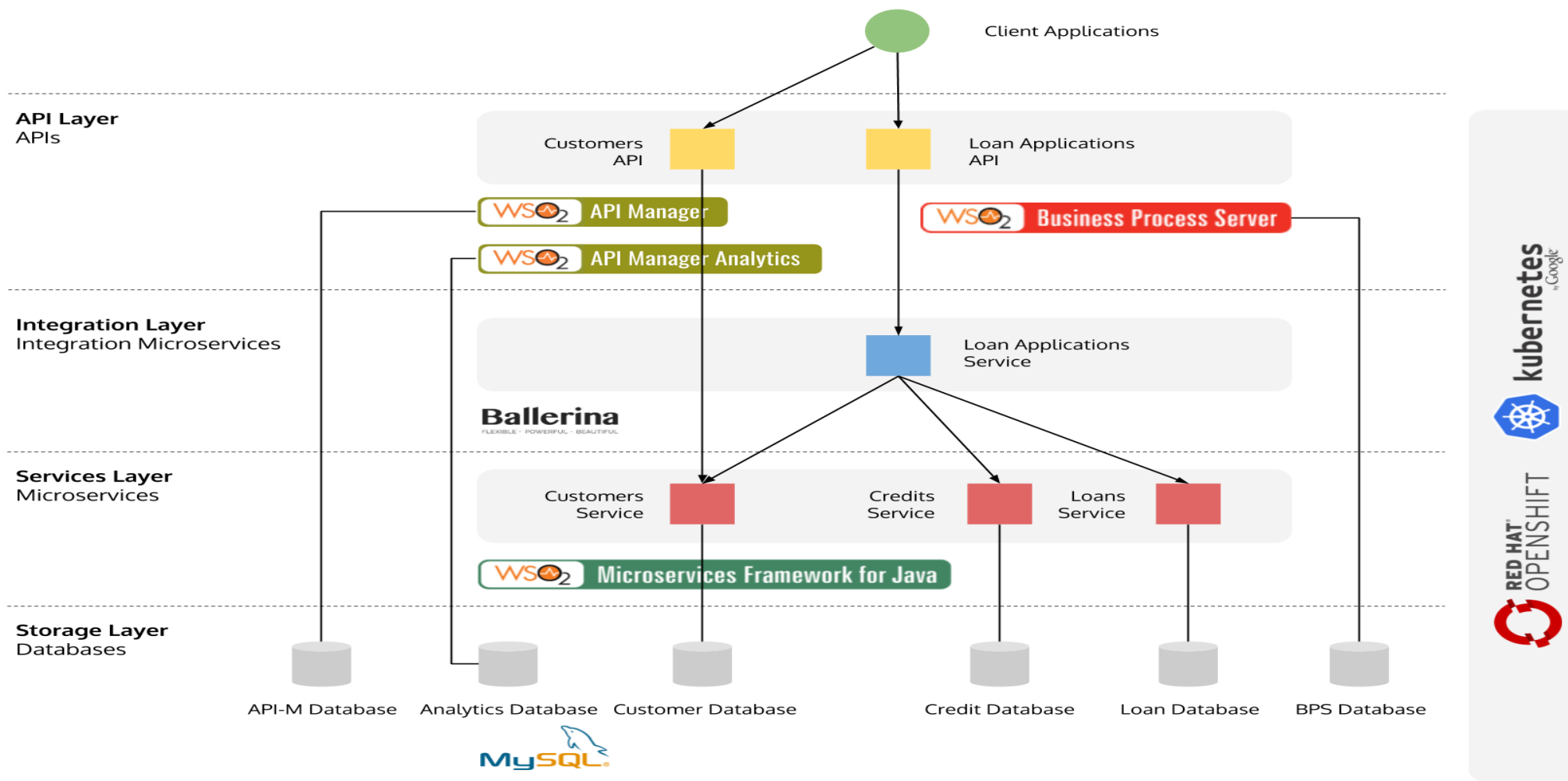
Solution Overview: Kirana Mode - One Stop Solution for Bank Products and other Services

The Web Application mode for Kirana Shop (KS) authenticates the KS as Agent to the IndusInd Bank. Once the KS has logged in, he accepts the Customer's Aadhar Number to login to access the customer account page. The KS can see the IndusInd SB Account and Loan Account of the customer. Based on the Service Request initiated by the customer , the KS provides Savings Account Inquiry, Loan Account Inquiry, Cash Withdrawal, Cash Deposit, Grocery Shopping, Bill / EMI Payment and Recharges.

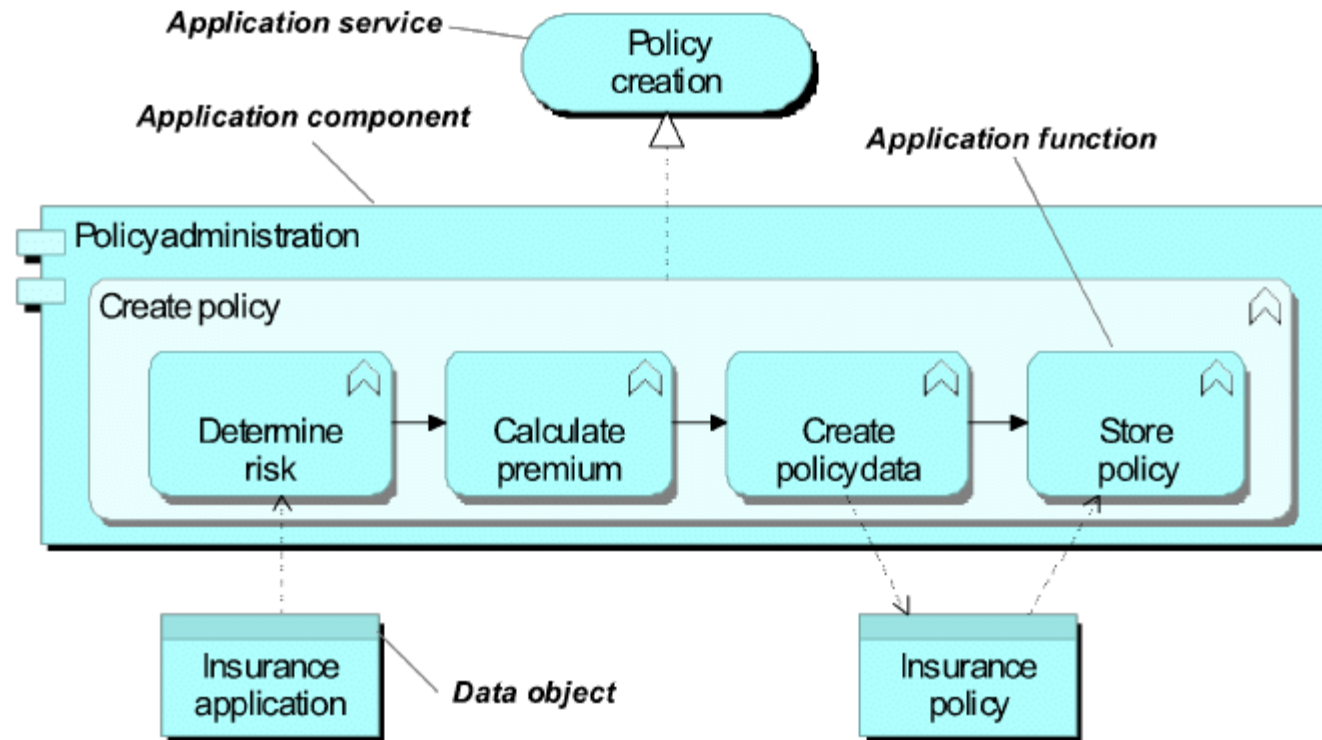
Overall Solution Architecture



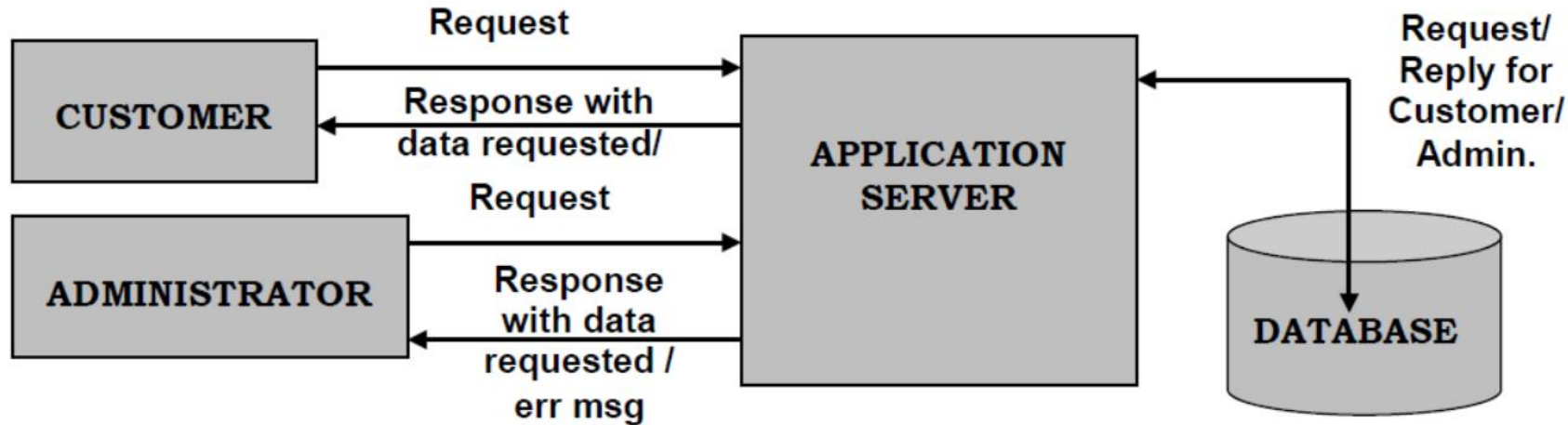
Solution Architecture of Loan Module



Solution Architecture of Insurance Module



Solution Architecture of Banking Module



Data Collection/ Crawling: Kirana Merchant

From the Kirana Merchant, the following data can be collected

- The customer preferences, favorite product, spend pattern, customer monthly budget, investment and risk profile, loan requirement.
- Based on the data collected, the app should intuitively produce the catalogue to Kirana Shop for the particular customer being serviced.

Business Rule: Overview

- Explanation of how customer journey will make customer authentication and transaction safe and convenient
- Process of how information will be mashed up from different sources and considered for screening/credit decision

Solution Overview: Customer

- Customer can review his Bank / Loan Account balance and the past Services availed.
- Customer can rate and review the Kirana Shop based on the service provided and the satisfaction level of the shopping experience.
- The map location services will provide the customer with nearby Kirana Shop in his locality.

Data Collection/ Crawling: Customer

The following data can be collected - the popular Kirana Shop destination for customers, profile of Customers visiting the Kirana Shop, Popular Services availed, trends in Products, facilities and infrastructure bottleneck.

Business Rule/Algorithms: Overview

- Self Service Features - The user will get notifications of any new products , fast moving products and pre-order/order them.
- Apps will have rating engine added to it from cloud subscription.
- Location based services availability will be displayed on map services.
- Analytics / ML will be subscribed from cloud based vendor.

Technologies and Frameworks Used

- ✓ Front End-HTML5,CSS3,Javascript,Jquery,Bootstrap
- ✓ Backend-Firebase
- ✓ Application type-Web Application

Prototype Link

- Source code link on GitHub or Uploaded on TG as a zip file along with README on how to install and evaluate
- Video with demonstration of prototype in action with explanation. Video can be uploaded on TechGig or a youtube link can be given in the slides