Sanket Jain (12bce081)
Snehal Parmar (12bce098)

GUIDED BY

PROF. Vijay Ukani

NIRMA UNIVERSITY
INSTITUTE OF TECHNOLOGY
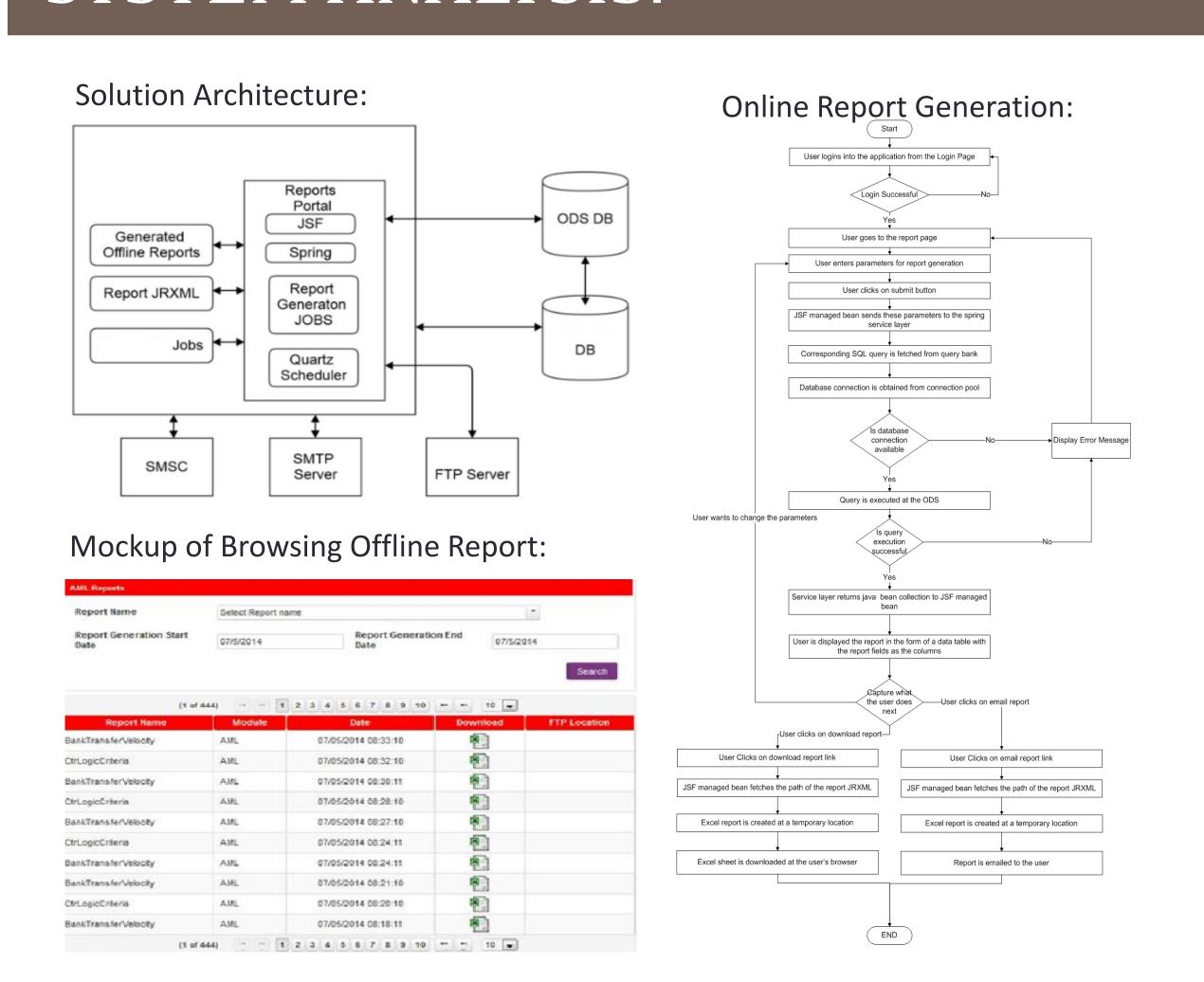**NAAC ACCREDITED 'A' GRADE**

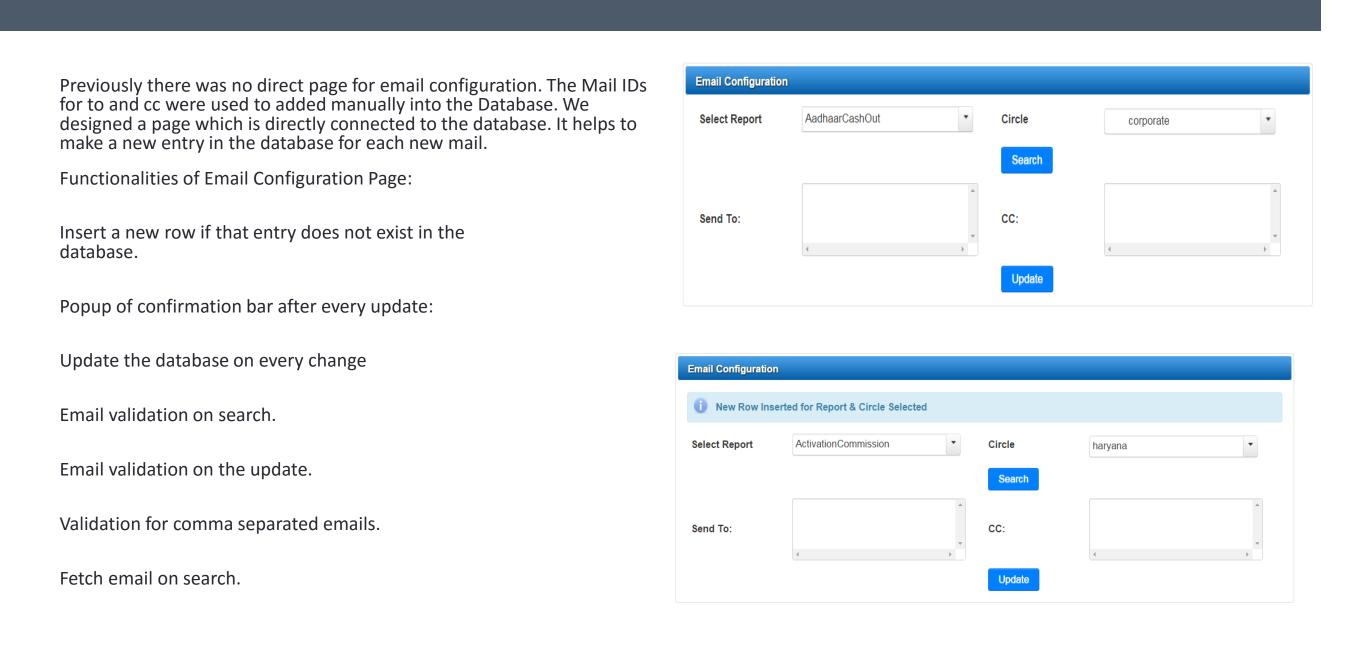**TATA CONSULTANCY SERVICES**

ABSTRACT

Mobile Wallet Financial Product is a mobile application used for various money transactions. Every transaction stored in the database on daily basis. The transactional data are important for the business analysis purpose for that company. Report Portal team deals with those data and generates the report for the customer or company as per their demands.

We had worked in Report Portal wherein we worked mainly on JAVA,DBMS, and PLSQL. Every report will be generated using unique query. Queries run on large data so query optimization is very important for the complex queries. Reports are generated automatically by the help of schedulers. But a user can generate the report manually which are known as online reports. They are stored on local server. The user will get those report offline on search. Customer may demand new changes in the existing report or they might want the new report to be generated. Report portal team understands their demands and requirements and accordingly changes the existing system.
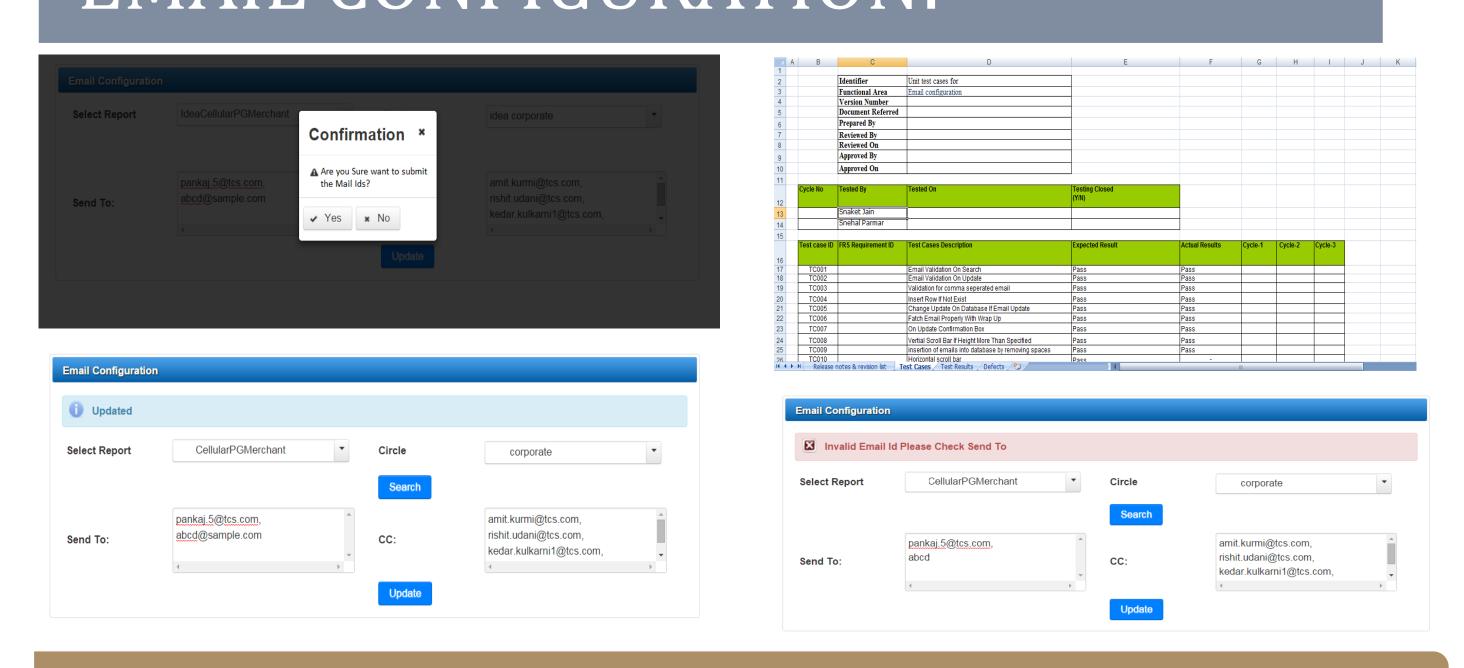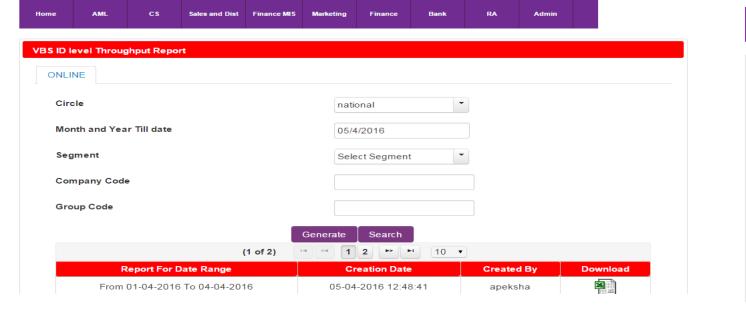
SYSTEM ANALYSIS:

Solution Architecture:

Online Report Generation:

Mockup of Browsing Offline Report:

EMAIL CONFIGURATION PAGE:

Previously there was no direct page for email configuration. The Mail IDs for to and cc were used to added manually into the Database. We designed a page which is directly connected to the database. It helps to make a new entry in the database for each new mail.

Functionalities of Email Configuration Page:

Insert a new row if that entry does not exist in the database.

Popup of confirmation bar after every update:

Update the database on every change

Email validation on search.

Email validation on the update.

Validation for comma separated emails.
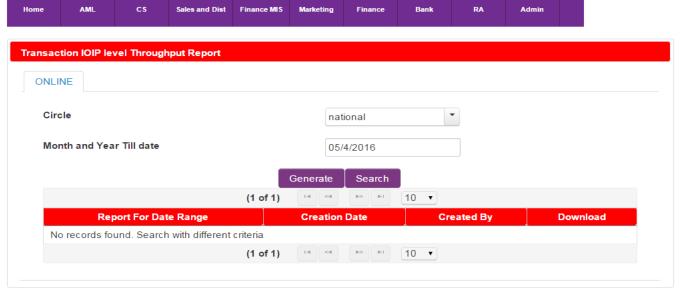
Fetch email on search.

EMAIL CONFIGURATION:

CREATED BY COLUMN IN ONLINE REPORT

MIGRATION OF FINANCIAL REPORTS FROM ADMIN PORTAL REPORTS TO REPORT PORTAL.

Previously some reports were generated only from Admin View Portal. For some reports, it was taking more to download and hence it was time-consuming. It takes less time for download on report portal so we have added those reports in Report portal View. So one can download those report from Report Portal.

QUERY PERFORMANCE ENHANCEMENT:

REPORT FOR NEW DEMAND:
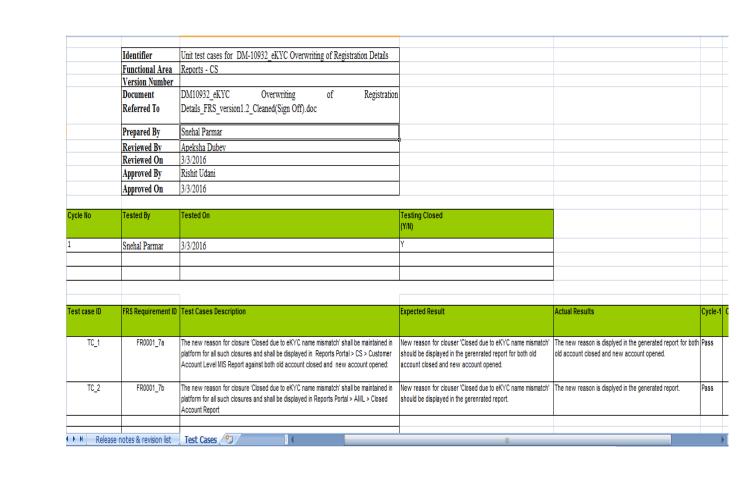
Customer Demand Analysis:

*Next task was to analyze the demand of customer and made the changes according to the demand.
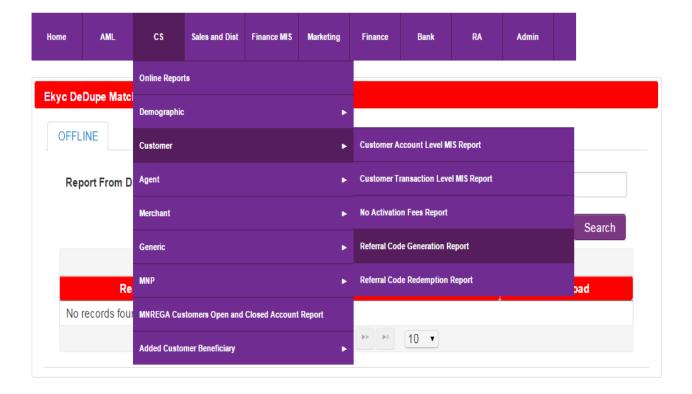
Functional Requirements:

A new reason for closure 'closed due to eKYC mismatch ' shall be maintained in the platform for all such closer and shall be displayed in Report

1)Portal>CS>Customer Account Level MIS Report against both old accounts closed and a new account opened.

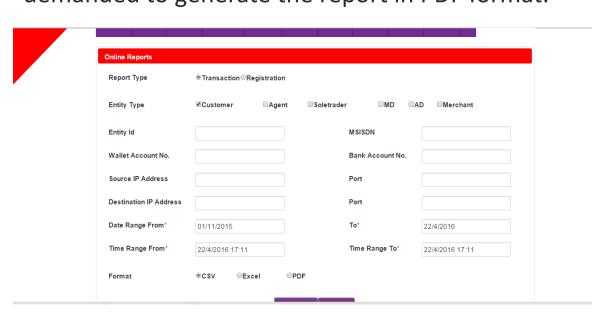2)Portal>AML>Closed Account Report against both old accounts closed and a new account opened.

Referral Code generation Report:

PDF generation in java as a part of demand:

Reports are generated in Excel or CSV but in demand DM11915 - Fraud CR to capture additional info in Transaction & Registration Logs customer had demanded to generate the report in PDF format.

TOOL STUDY

It is a tool helps to find a mistake in programming code. It analysis and finds the mistakes. Some common mistakes are unused variable, empty catch box, unnecessary object etc. It is also used as Copy paste detector (CPD). It supports many language i.e. Java, JavaScript, SQL, Apache Velocity, XML, XSL

War file deployment:
Creation of War File:
Step 1) Export war file from Eclipse.
Step 2) Create war file And Put in Deployment
Step 3) Replace File in War File
Step 4) WEB-INF\classes\com\tcs\anyfloder\service\generic\querybank\
Step 5) WEB-INF\classes\
fig 4.3 War export.
Step 6) WEB-INF\config\
Step 7) copy in temp FROM FILEZILLA
Step 8) Move Deploy from top to deployment via putty cp command
Step 9) putty cp command(/opt/wildfly/standalone/deployments).

PMD
DON'T SHOOT THE MESSENGER

ANDROID APPLICATION OF SR PORTAL

- The objective is to make an android application that will help the customer to raise their complaint with the help of mobile. Currently, the SR Portal is desktop application so to raise complaints customer must use desktops, but an android application will give them the flexibility that they can raise their queries from anywhere using mobile.