



Vivekanand Education Society's Institute Of Technology
Department Of Information Technology
Project Review I

Title: System to enhance efficacy in Merchant acquisition and relation for Banks

Domain: Java & Database Management

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Introduction to Project

**System to enhance efficacy in
Merchant acquisition and
relation for Banks**



Problem Statement

- A huge amount of revenue is generated by Merchants.
- Banks face a significant challenge in acquiring and maintaining merchant relationships. The traditional methods of building these relationships are time-consuming, costly, and often yield unsatisfactory results. Banks need to find a way to streamline this process and make it more effective.
- Furthermore, the current market is highly competitive, with new players entering the field regularly. Banks need to keep up with the latest trends and technologies to remain relevant and attract new merchants. This requires a significant investment of time and resources, which can be a daunting task for many banks.
- RO's misleading information about visiting Merchants can largely affect the bank revenue.

Objectives of the project



Merchant Relation
Manager



Relationship
Officer



Merchant



Objectives of the project

- ★ Assign Daily/Monthly task
- ★ Calculate incentives
- ★ Track live location
- ★ Check your own target
- ★ Manage Merchant Portfolio

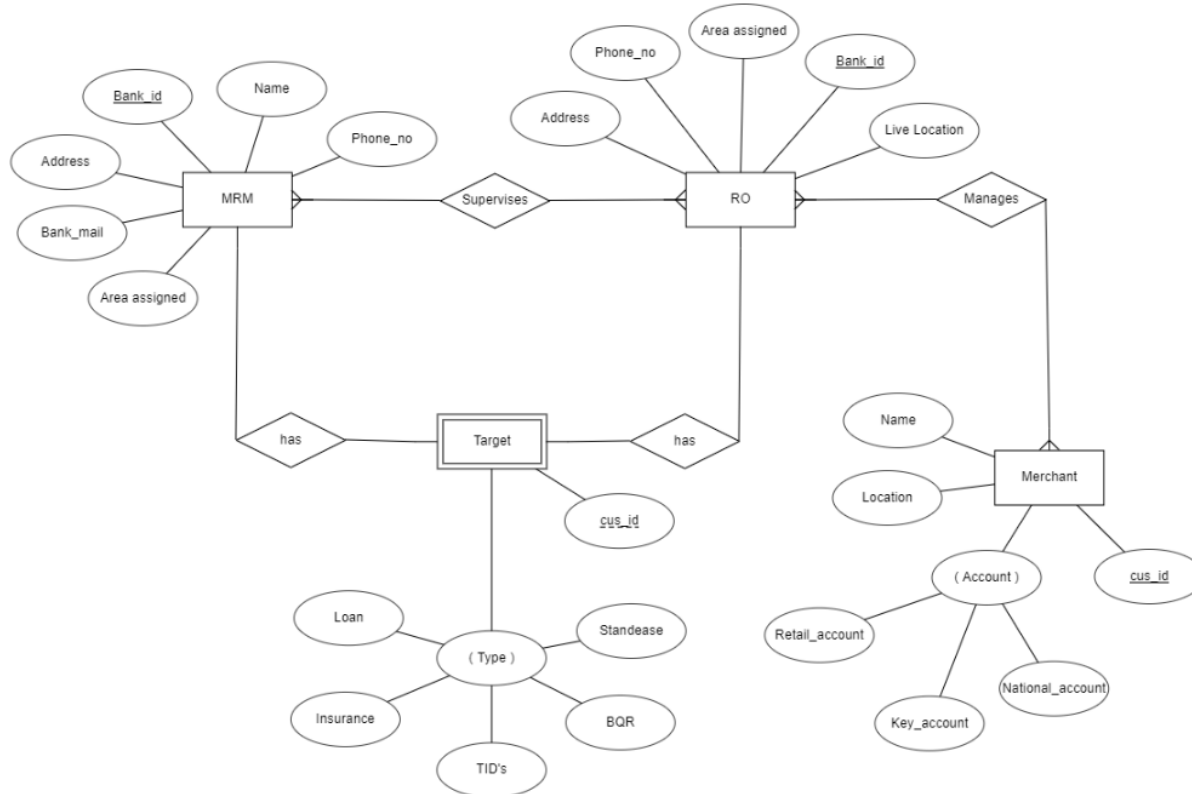




Requirements of the system (Hardware, software)

Hardware Requirements	Software Requirements
<ul style="list-style-type: none">• A laptop or desktop• Processor: Core i3 or above• RAM:4GB• Internet :A required upload and download speed of 2Mbps, with 10Mbps preferred	<ul style="list-style-type: none">• Browser• Git• Postman• Netbins• Java• MySQL

ER diagram of the proposed system





Front End

Hi, Welcome!

Email or username

Password

[Forgot Password?](#)

[You don't have an account? Sign up](#)

Getting Easier
Pay for Any Transfer
with SEEMA-RB

Install SEEMA-RB application right now!



SEEMA-RB

SEEMA-RB

General

[Dashboard](#)

[Manage Clients](#)

[History](#)

[Index](#)

Other

[Help & Support](#)

[Log Out](#)

Merchants and clients list

Manage and organize your clients efficiently

Merchant list

Search...

Filter by

Sort by

Name	Username	Account Number	Balance	Area assigned	Merchant Id
Tom Cruise	tomcruise	(808) 555-0111	\$219.78	Chembur	68342
Aryon Patankar	patankar	(308) 555-0112	\$778.35	Vile Parle	68488
Sneha Kapoor	kapoor567	(238) 555-0108	\$328.85	Kalyan	62912
Omkar Galawade	gawade8	(480) 555-0103	\$219.78	Andhermath	90882
Ronak Kalgaya	kalgaya9	(808) 555-0111	\$219.78	Narol	68342
P. Pandey	pandey	(308) 555-0112	\$778.35	Bhandup	68488
Aditya	aditya@seemarb.com	(238) 555-0108	\$328.85	Karjurmarg	62912

1 2 3 4 5 >

Login as Administrator

Your Bank Id

Bank Id

Password

Password

Sign In



Front End

SEEMA-RB

General

Dashboard

Manage Ro

History

Inbox

Other

Help & Support

Log Out

Https://www.ibankcare.com/Admin/Transferusers

Relationship managers list

Get tasks done and set goals for your relationship manager.

Managers

Select one or more that you want

Aditya

Name	Username	Ro id
Aditya Kapoor	lg345f	808-555-0111
Aditya pandey	23rfsfvdw	208-555-0112
Aditya Mukherjee	2343fe	239-555-0108
Aditya Gholap	13edsds	480-555-0103
Aditya Khan	d2323d1	808-555-0111
Aditya Robbins	13fd23f	208-555-0112
Aditya Philips	d23f3f	239-555-0108

1

2

3

4

5

>

Selected Users

Here is a list Managers on leave today

Margot Robbie

Robi Gojo Satorou

Nico Robin

Tanjiroukun

Luffy99

Get live location

Under development, data may not be accurate

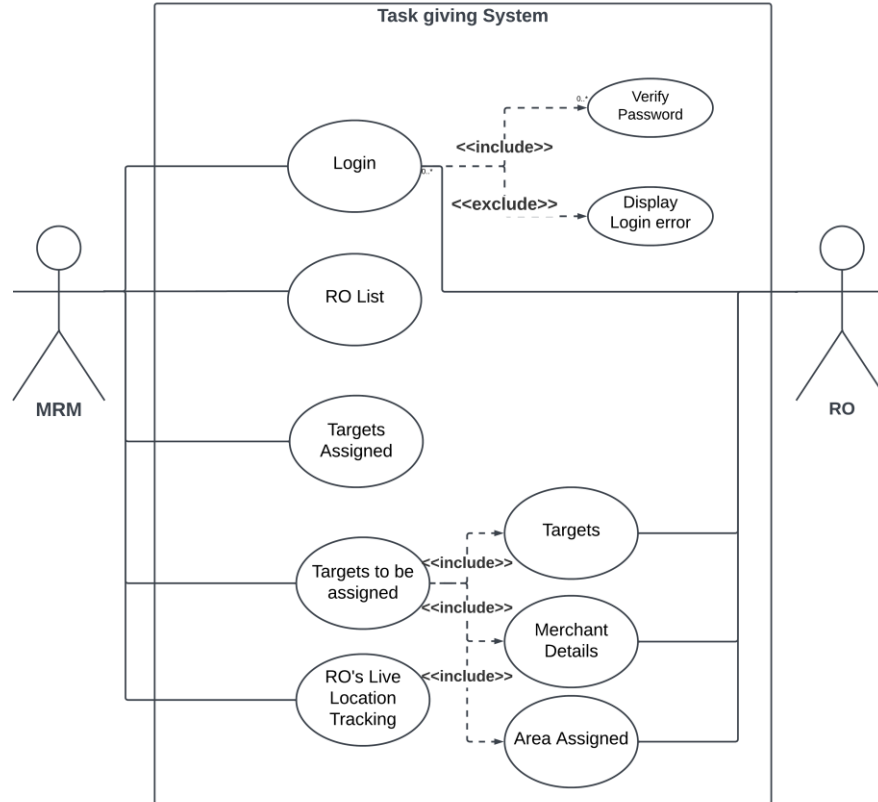
Enter details

Ro id

☒ Do you agree to our Terms and Privacy?

Go

Implementation





Implementation

Frontend	Backend
<ul style="list-style-type: none">• Planning and design• Java swing/Java fx• User interface (responsiveness)	<ul style="list-style-type: none">• Server setup• Database setup• API development• Authentication and authorization• Business logic• Security



TASK	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
MRM FRONTEND						
RO FRONTEND						
DATABASE						
API						
BANKEND						

TASK	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
MRM FRONTEND						
RO FRONTEND						
DATABASE						
API						
BANKEND						



Conclusion



In conclusion, the challenge of merchant acquisition and relationship for banks is a critical one that must be addressed with urgency. The proposed system offers an effective and efficient solution to this challenge, with key features that enhance its efficacy.



By implementing this system, banks can expect benefits such as increased revenue, improved customer satisfaction, and streamlined operations. The success of Bank in implementing the system serves as a real-world example of its effectiveness.



Literary Survey

SR NO.	TITLE	AUTHOR	PUBLISH DATE	DESCRIPTION
1	<u>Bank Management System Based on QT IEEE Conference Publication IEEE Xplore</u>	<u>Hongting Li</u> ; <u>Liping Wang</u> ; <u>Jiajun Qin</u>	28 June 2021	With the advent of the information age, the function and value of information begin to be fully understood and used by people.
2	Beginning Java 8 API's Extensions and Libraries	Kishori Sharan	-	About API's
3	Database Management System	Alexis Leon & Mathews Leon.	-	About DBMS & Backend implementation