

LEGAL TECH PLATFORM

COLLATERAL SANCTIONS

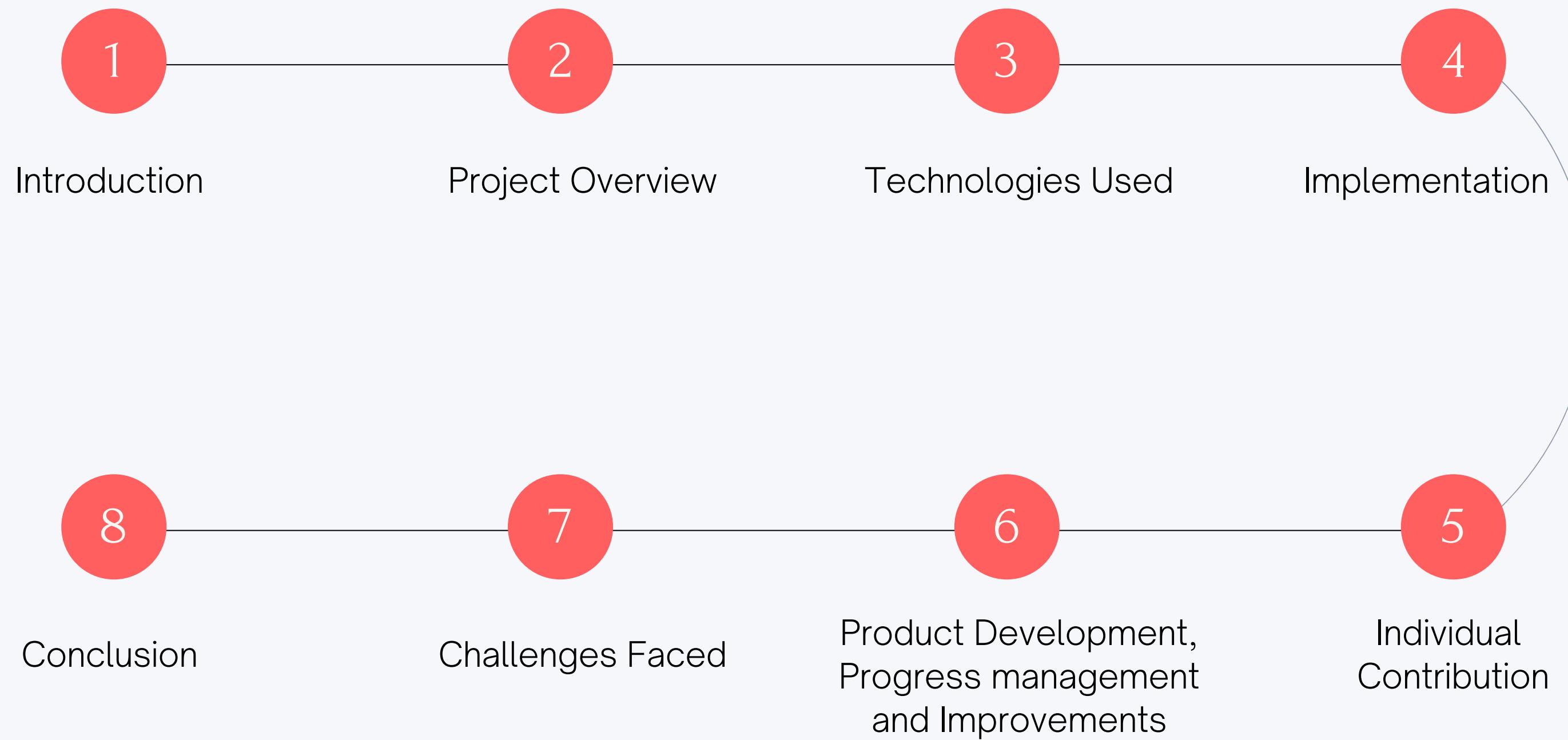


All Legal and Technical Verification at one place

B TECH Project
Mentor - Lavneet Singh

Devyani Panchal
Jay Shah

PRESENTATION OUTLINE



INTRODUCTION

1 Training

- Java
- Angular

2 Project Work

- NBFC Platform
- Problem Statement
 - Complexity with growth
 - Involvement of multiple departments in the process
- Proposed Solution
 - Automation of the process
 - Maintaining information with databases



PROJECT OVERVIEW

#1

Platform Discription

- Aim
- Extension of existing services
- Web and App based solution

#2

Types of Users

- CPA User
- Legal and Technical Verifier
 - legal verification
 - technical verification
- Admin User

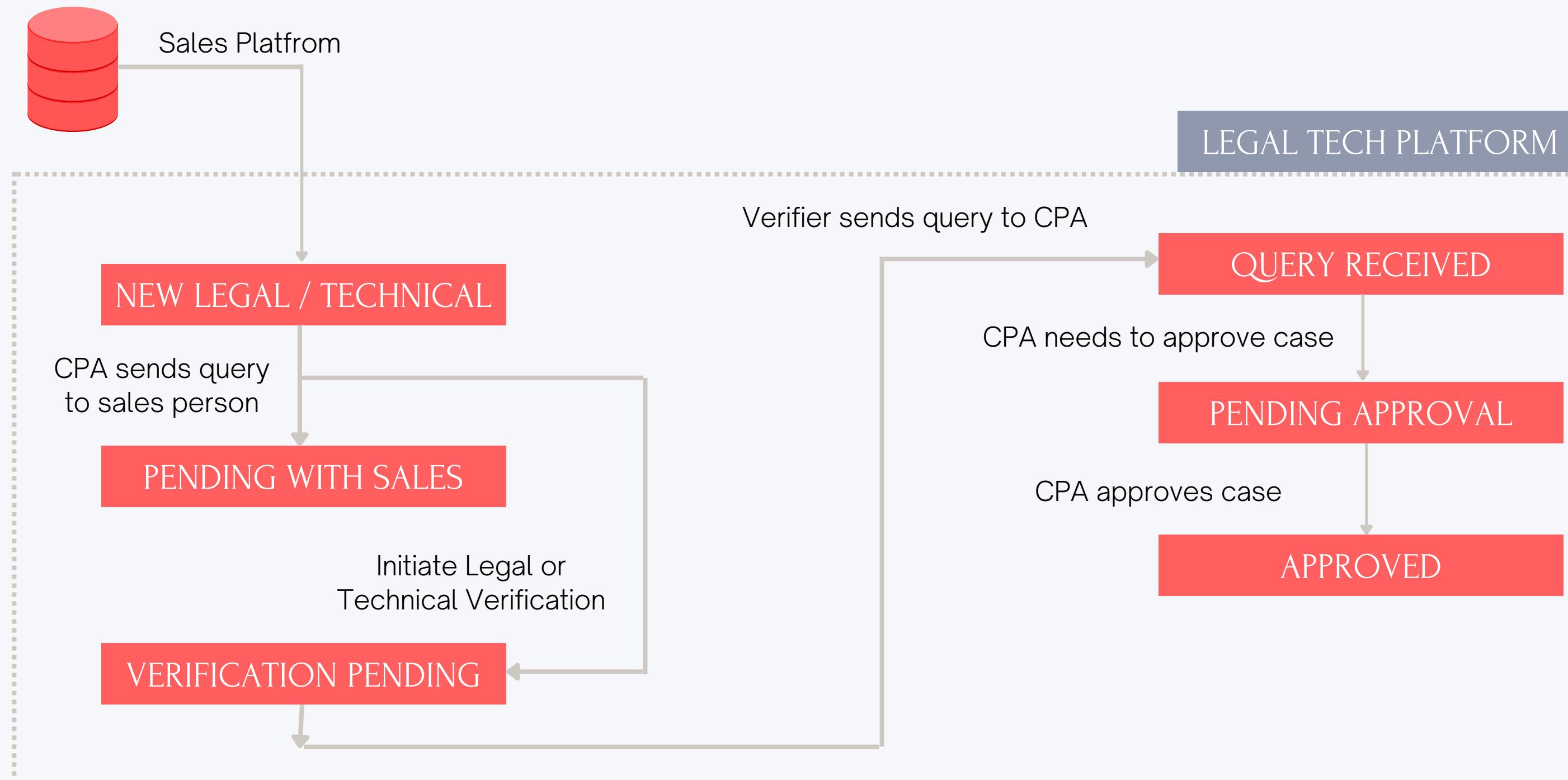
#3

CPA Module Specification

- Home Screen
- Case Details Screen
- Raise Queries
- Initiate Verification Process

PROJECT OVERVIEW

CASE FLOW IN THE SYSTEM



TOOLS AND TECHNOLOGIES USED

Angular

- HTML
- SCSS
- Typescript

Jenkins

RxJs

Gitlab



IMPLEMENTATION



- Frontend Development
 - Angular CLI
 - NG-ZORRO
 - Use of API Contracts
 - Use of Custom Interfaces
- CPA Module
 - Home Screen
 - Case Details Screen
 - Save Form Data
 - Raise Query to Sales
 - Initiate Verification

IMPLEMENTATION - INDIVIDUAL CONTRIBUTION

HOME SCREEN

The screenshot shows the 'Collateral Sanctions' application interface. At the top, there is a dark header bar with the application logo, a search bar labeled 'Search cases using lead ID or Applicant name', and a user profile icon for 'Aniya Paul'. Below the header, a sidebar on the left displays icons for Home, Logout, and New Case. The main content area is titled 'All Cases' and includes a sub-header with filter buttons: 'All Cases' (selected), 'All New Verification (3)', 'New Legal (2)', 'New Technical (2)', 'Query Received (0)', 'Verification Pending', 'Approved', 'Pending Approval', and 'Pending With Sales'. A table lists six cases, each with columns for Lead ID, Applicant Name, Assigned On, Legal Status, Technical Status, and Action Item. The first case, L00001, has a 'Start Now' button. The other five cases have 'View Details >' links.

Lead ID	Applicant Name	Assigned On	Legal Status	Technical Status	Action Item
L00001	Ramesh Laxman Shiv Rama Krishn...	06 April 2020 05:30 AM	New Legal	New Technical	Start Now
L00038	Sundar Raj Prajapati	09 May 2021 05:30 AM	Verification Pending	Pending Sales	View Details >
L00041	Laal Chadda	09 May 2021 05:30 AM	Verification Pending	Approved	View Details >
L000505	Hardik Pandya	09 May 2021 05:30 AM	Verification Pending	Verification Pending	View Details >
L000678	Jasprit Bumrah	09 May 2021 05:30 AM	Pending Sales	Verification Pending	View Details >
L00101	Mithilesh kumar Singh	06 April 2020 12:00 AM	New Legal	Verification Pending	View Details >

IMPLEMENTATION - INDIVIDUAL CONTRIBUTION

HOME SCREEN

Collateral Sanctions						
Search cases using lead ID or Applicant name						
	L00041	Laal Chadda	09 May 2021 05:30 AM	Verification Pending	Approved	View Details >
	L000505	Hardik Pandya	09 May 2021 05:30 AM	Verification Pending	Verification Pending	View Details >
	L000678	Jasprit Bumrah	09 May 2021 05:30 AM	Pending Sales	Verification Pending	View Details >
	L00101	Mithilesh kumar Singh	06 April 2020 12:00 AM	New Legal	Verification Pending	View Details >
	L00102	Ramesh kumar Singh	06 April 2020 12:00 AM	Verification Pending	Verification Pending	View Details >
	L00103	Dinesh kumar Singh	06 April 2020 12:00 AM	Approved	New Technical	View Details >
	L00111	Krishnaswamy Natarajan Kumar	06 April 2020 05:30 AM	Verification Pending	Approved	View Details >
	L00241	Premkumar Srivastava	09 May 2021 05:30 AM	Pending Sales	Verification Pending	View Details >
Previous 1 2 Next 10 / page ▾						

IMPLEMENTATION - INDIVIDUAL CONTRIBUTION

CASE DETAILS SCREEN | APPLICATION DETAILS

← Case Details

L00001 

Ramesh Laxman Shiv Rama Krishnan Krishnaswamy Natarajan Kumar [New Legal](#) [New Technical](#)

[Case Details](#) [History](#) [Logs](#)

Application Details

Application ID	Applicant Contact Number	Co-Applicant 1 Contact Number
A00023	+91 - 6576544565	+91 - 6576544565
Co-Applicant	Loan Amount Requested	Branch Name
Prashant Kumar  + 2 more	₹65,50,000	Noida
Sales Person	Product Category	
Devyani Panchal	LAP	

IMPLEMENTATION - INDIVIDUAL CONTRIBUTION

CASE DETAILS SCREEN | COLLATERAL DETAILS

⌚

Collateral Details

Edit ↗

Flat number/Block No/Shop No*	Floor no & Wing	Building/House Name/Shop Name*
Flat 231	Floor-6, wing-C	Best building
Street/Road*	CTS/Survey/Khasra No	Collateral Landmark
Lajpat road	khasra 176	near Big Bazaar
Locality	Zip/Postal Code*	City/Village*
Professor's colony	516150	Cuddapah
Town/Village/Taluka	District*	State*

IMPLEMENTATION - INDIVIDUAL CONTRIBUTION

CASE DETAILS SCREEN | COLLATERAL DETAILS

 Collateral Details Edit 

Flat number/Block No/Shop No*	Floor no & Wing	Building/House Name/Shop Name*
Flat 231	Floor-6, wing-C	Best building
Street/Road*	CTS/Survey/Khasra No	Collateral Landmark
Lajpat road	khasra 176	near Big Bazaar
Locality	Zip/Postal Code*	City/Village*
Professor's colony	516150	Cuddapah

IMPLEMENTATION - INDIVIDUAL CONTRIBUTION

CASE DETAILS SCREEN | COLLATERAL DETAILS

Collateral Sanctions

Search cases using lead ID or Applicant name

An Aniya Paul

taluka_name	Cuddapah	Andhra Pradesh
Country*	APF	APF Number
India	<input checked="" type="radio"/> Yes <input type="radio"/> No	500
Project/Property Name*	Developer's Name	Property Category*
Phoenix	Robert	Residential
Property Sub-Category*	Transaction Type*	Property Segment
	Resale	Regular
Property Age	Seller/Owner Name/Builder Name	Co-owner Name
Please Select Property Age	Rahguvir Singh	Dinesh Pradhan
SRO Name	Revenue Office Name	

IMPLEMENTATION - INDIVIDUAL CONTRIBUTION

CASE DETAILS SCREEN | COLLATERAL DETAILS

The screenshot shows a web-based application for managing collateral sanctions. The top navigation bar includes the logo 'Collateral Sanctions', a search bar 'Search cases using lead ID or Applicant name', and a user profile 'Aniya Paul'. The main content area is divided into two sections: 'Case Details' and 'Collateral Details'. The 'Case Details' section contains fields for 'Property Age' (dropdown menu 'Please Select Propert Age'), 'Seller/Owner Name/Builder Name' ('Rahguvir Singh'), 'Co-owner Name' ('Dinesh Pradhan'), 'SRO Name' (dropdown menu 'Others'), and 'Revenue Office Name' (dropdown menu 'Others'). A large orange 'Save' button is located at the bottom center of the page.

Property Age	Seller/Owner Name/Builder Name	Co-owner Name
Please Select Propert Age	Rahguvir Singh	Dinesh Pradhan

SRO Name	Revenue Office Name
Others	Others

Save

IMPLEMENTATION - INDIVIDUAL CONTRIBUTION

CASE DETAILS SCREEN | DOCUMENT CHECKLIST

The screenshot shows the 'Case Details Screen' for 'Collateral Sanctions'. The top navigation bar includes the logo, a search bar ('Search cases using lead ID or Applicant name'), and a user profile ('An Aniya Paul'). On the left, there's a sidebar with icons for Home, Cases, and Documents. The main content area displays two sections: 'Legal Document List' and 'Technical Document List'. Both sections include a 'Raise Query' button, an 'Add Doc' button, and a trash icon. In the 'Legal Document List', there are entries for 'Legal document 3' (Document1), 'Legal document 2' (Document1), 'Document2', and 'Legal document 4'. The 'Technical Document List' contains 'Technical document 1' (Document1), 'Technical document 4' (Document1), 'Technical document 2' (Document1), and 'Document2'. A 'Save' button is located at the top right of the main content area. At the bottom, there are two orange buttons: 'Initiate Legal Verification' and 'Initiate Technical Verification'.

Collateral Sanctions

Search cases using lead ID or Applicant name

An Aniya Paul

Save

Legal Document List

Raise Query ⓘ

Add Doc

logo@1x.png

✓ Marked for physical pickup

Choose File

Physical Pick Up

Legal document 3

Document1

Legal document 2

Document1

Document2

Legal document 4

Technical Document List

Raise Query ⓘ

Add Doc

Add Doc

✓ Marked for physical pickup

Add Doc

Technical document 1

Technical document 4

Document1

Technical document 2

Document1

Document2

Choose File

Physical Pick Up

Initiate Legal Verification

Initiate Technical Verification

IMPLEMENTATION - INDIVIDUAL CONTRIBUTION

CASE DETAILS SCREEN | RAISE QUERY | INITIATE VERIFICATION

Raise Query

You have applied to Raise Query for:

- Legal document 3
- Legal document 2
- Legal document 4
- Legal document 1

Comments
Enter your comments for missing documents
Comments

Initiate Technical Verification **Submit Query**

Initiate Legal Verification

System recommended Verifier

Assigned: ABC Agency
Verifier Designation: External Agency
Location/Branch: Kurla/Mumbai/MH

OR

Assign Manually

Vendor type
 Internal External

Select Verifier
Aniya Paul - Kurla Branch

Change verifier Now

Case Details

Case ID: HOD32817 | Abhijeet Madhusudan Deshpande | Legal Query Raised | New Technical Verification

Applicant Details

Applicant ID: A00442358 | Applicant Contact Number: +91 - 9123456789

Loan Details

Loan Amount Requested: ₹50,000.00 | Property Type: Residential Land - under construction unit

Borrower Name: Sampath - Karnataka | Lender Name: Rakesh Sharma

Collateral Details

Project Name: Rustamjee Crown | Property Segment: Housing

Property address: Address Line 1, Address Line 2, Address Line 3, Landmark, State, City/Village, District, Pincode

Property Size: 1500 sq. ft.

INSIGHTS

#1

Product Development

- Agile Methodology
- Resources provided by client
 - User stories
 - Figma Wireframes

#2

Progress Management

- Jira Software
 - Developer's Task & subtasks
 - Time and effort estimation
 - dependancy management

#3

Testing and Improvements

- Code Review
- Improvements
- UAT Testing
 - Backlogs

CHALLANGES FACED

- Complex business logic
- Dynamic Requirements
- Integrating and changing resource code
- Backend and Frontend Integration



CONCLUSION

- Chance to delve further into the theoretical ideas of Software Engineering
- Explored new tools and techstack
- Enhancing the general coding skills
- Improved Estimation skills
- Flexibility and optimism



THANK YOU!

