

Use Case Diagram Document

Title: Use Case Diagrams – LoanEase – Personal Loan Application System

Version: 1.0

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Date:

Table of contents.

Section	Title
1.0	Introduction
2.0	Scope
3.0	Actors Overview
4.0	Notation Conventions
5.0	System-Level Use Case Diagram
6.0	User Use Case Diagrams
6.1	FR-001: User Registration and KYC
6.2	FR-002: Loan Product Listing
6.3	FR-003: Loan Application Submission
6.4	FR-004: Loan Approval Workflow
6.5	FR-005: EMI Plan & Repayment
6.6	FR-006: Transaction History
6.7	FR-007: Support Ticket
7.0	Admin Use Case Diagrams
7.1	FR-008: Admin Panel
7.2	FR-009: Configure Loan Products
7.3	FR-010: Audit & Logging
7.4	FR-011: Security & Access Control
8.0	External Systems Use Cases
8.1	UIDAI / NSDL KYC API Interaction
8.2	Razorpay / Payment Gateway
9.0	Conclusion

2. Scope

This document outlines the use case diagrams for LoanEase, covering:

- Key functional interactions for both Users and Admins
- Integration points with external systems such as KYC APIs and Payment Gateway
- Use cases aligned with the Functional Requirements Document (FRD)

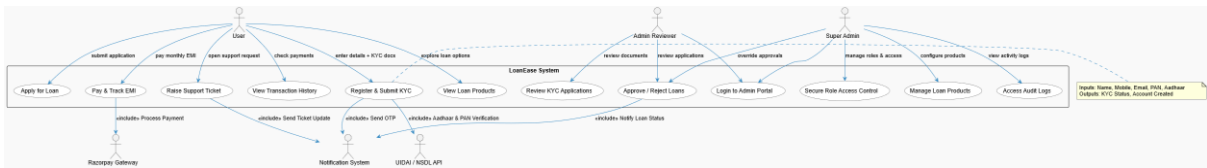
3. Actors Overview

Actor	Description
User	A customer applying for loans, submitting KYC, making EMI payments, etc.
Admin Reviewer	Verifies KYC, approves/rejects loan applications
Super Admin	Manages loan products, access controls, and audit logs
UIDAI / NSDL	Government APIs for KYC verification (Aadhaar, PAN)
Razorpay	Payment gateway for processing EMI and manual payments
Notification System	Sends OTPs, EMI reminders, approval/rejection messages

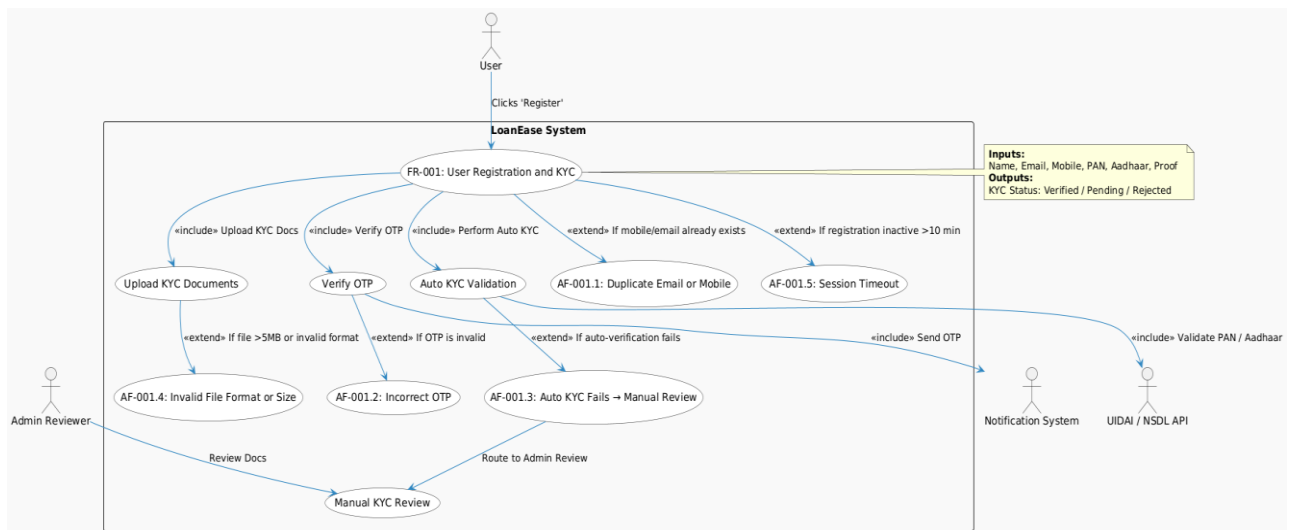
4. Notation Conventions

Symbol / Notation	Description
Use Case (Ellipse)	Represents a system function or user goal
Actor (Stick Figure)	A user or external system interacting with the application
Solid Arrow	Shows direct interaction between actor and system
Dotted Arrow with <<include>>	Shows a mandatory sub-process included in a main flow
Dotted Arrow with <<extend>>	Shows optional/conditional steps based on triggers
System Boundary (Rectangle)	Defines what's inside the LoanEase system
Note Box	Displays input/output, validation, or system notes

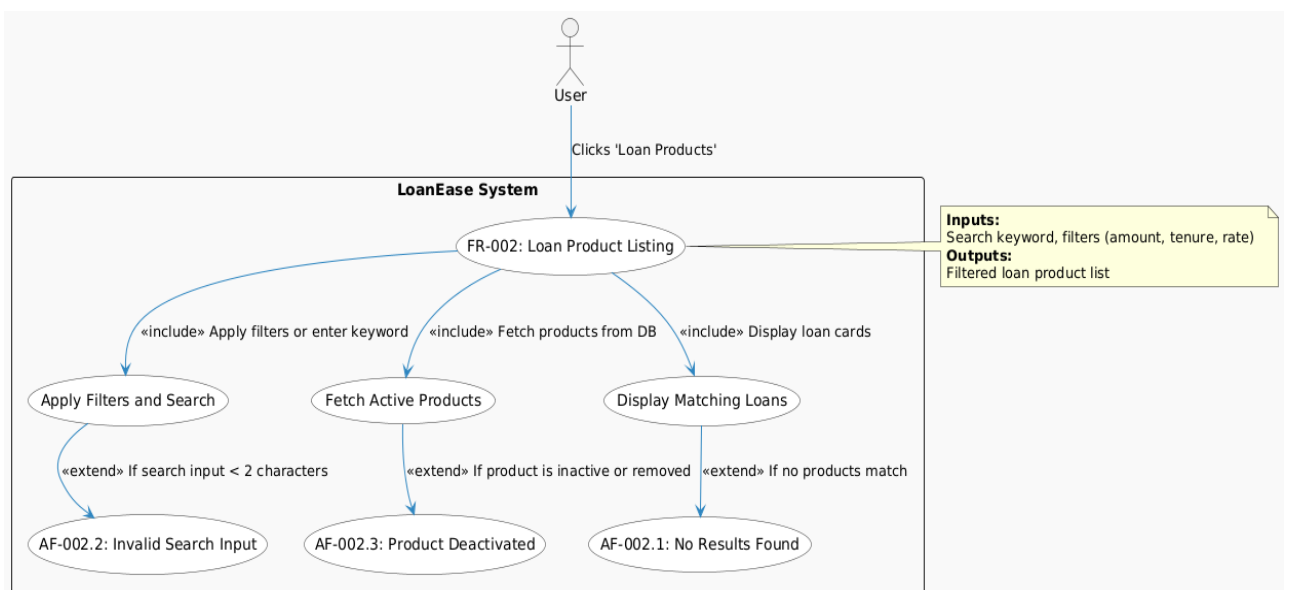
5.0 System-Level Use Case Diagram



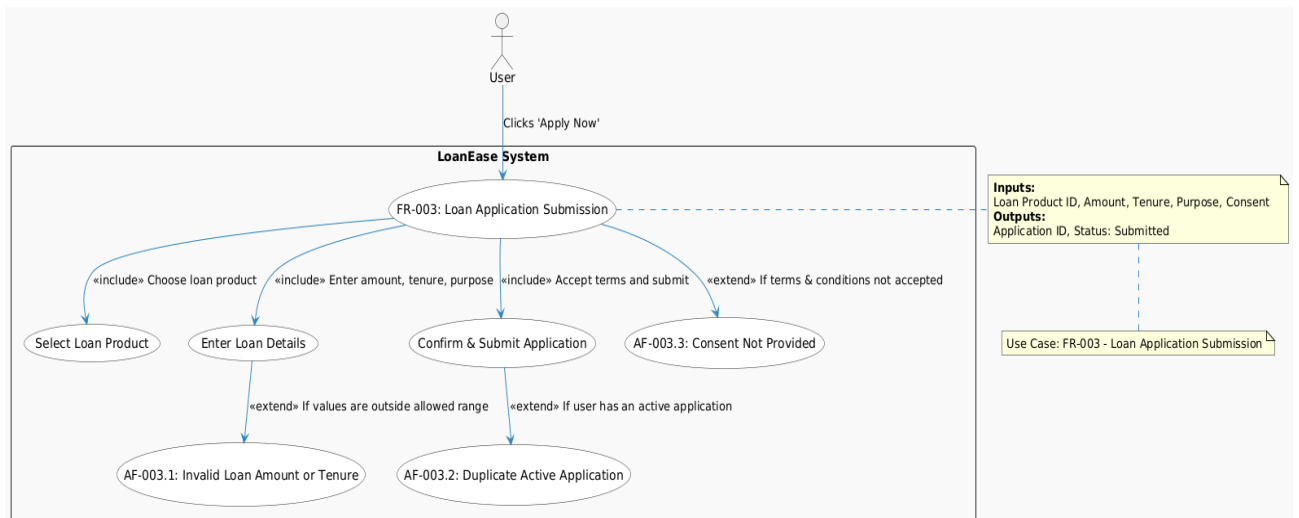
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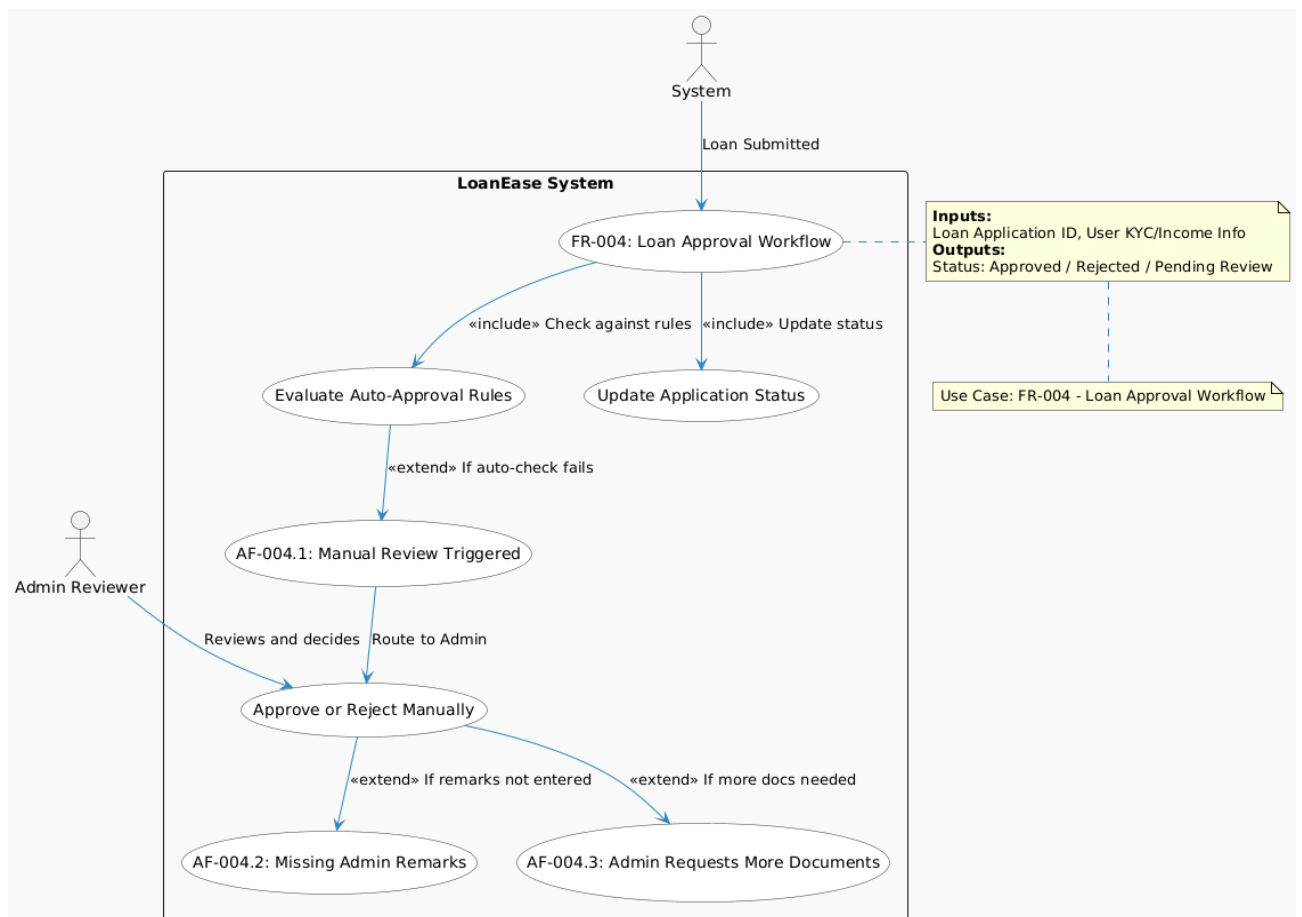
Use Case Diagram – 6.1 FR-001: User Registration and KYC



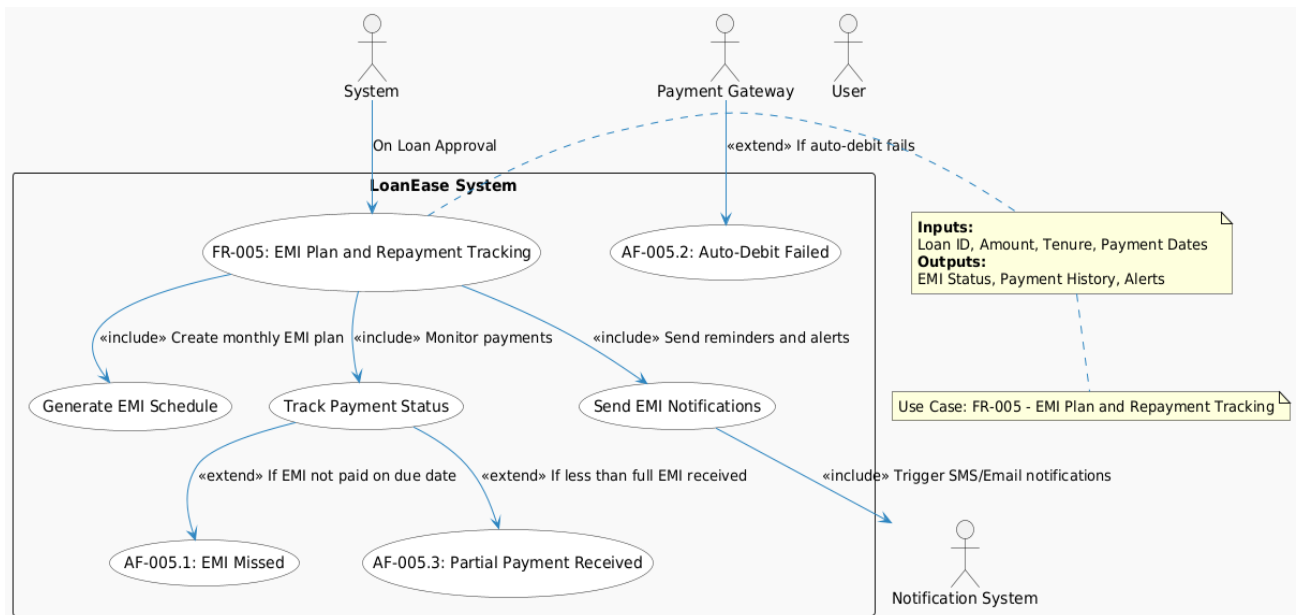
Use Case Diagram – 6.2 FR-002: Loan Product Listing



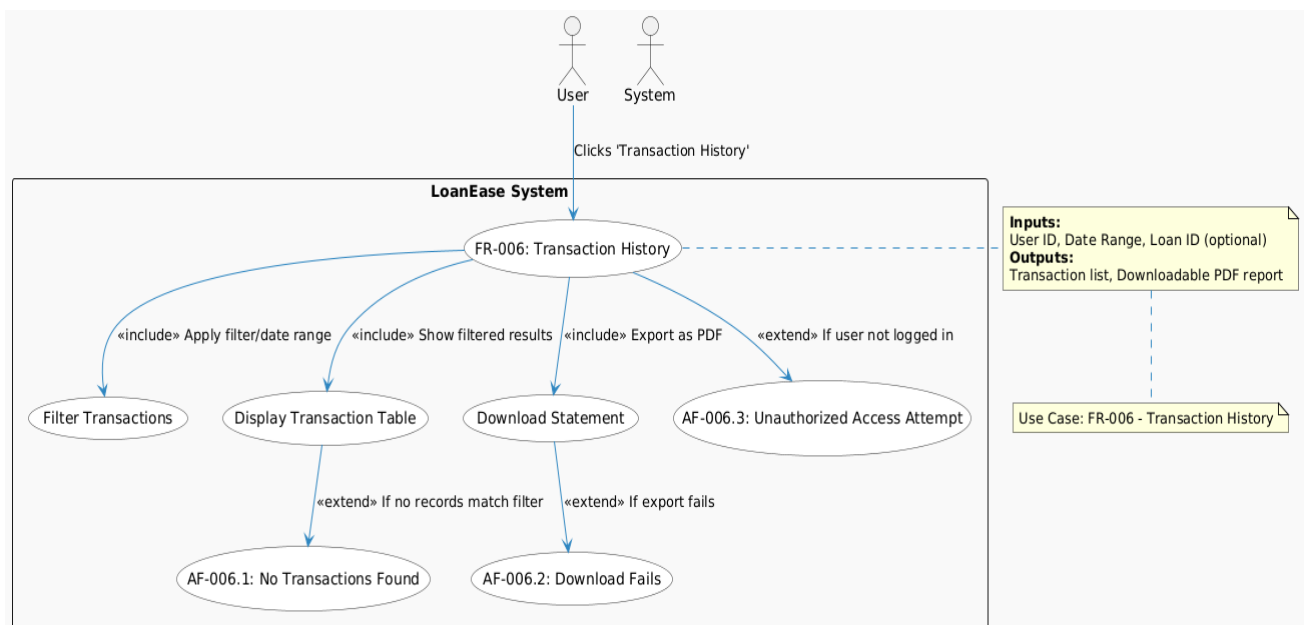
Use Case Diagram – 6.3 FR-003: Loan Application Submission



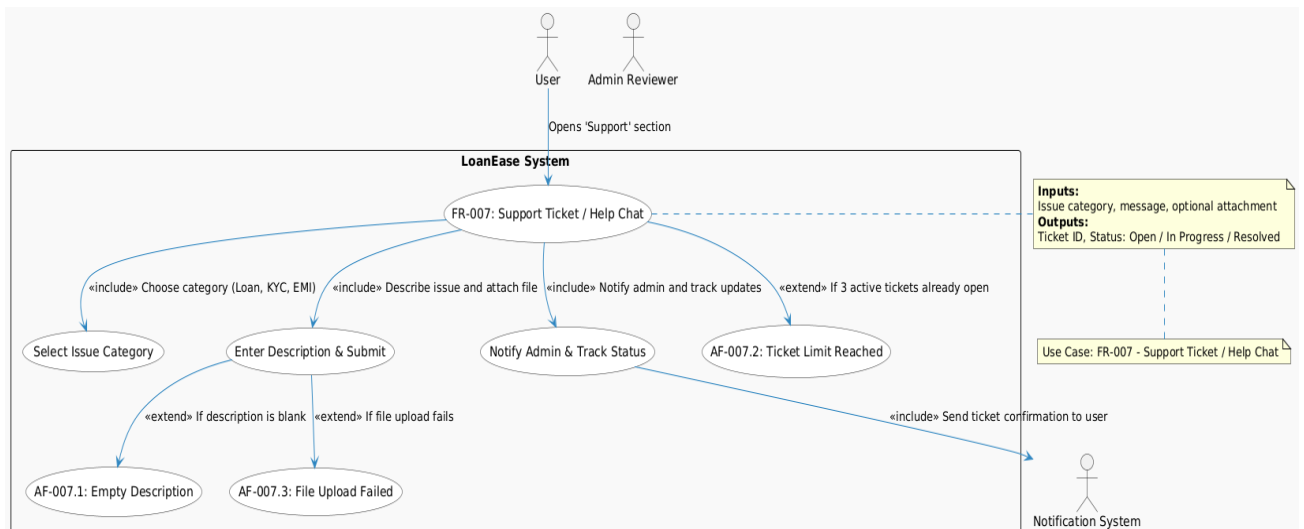
Use Case Diagram – 6.4 FR-004: Loan Approval Workflow



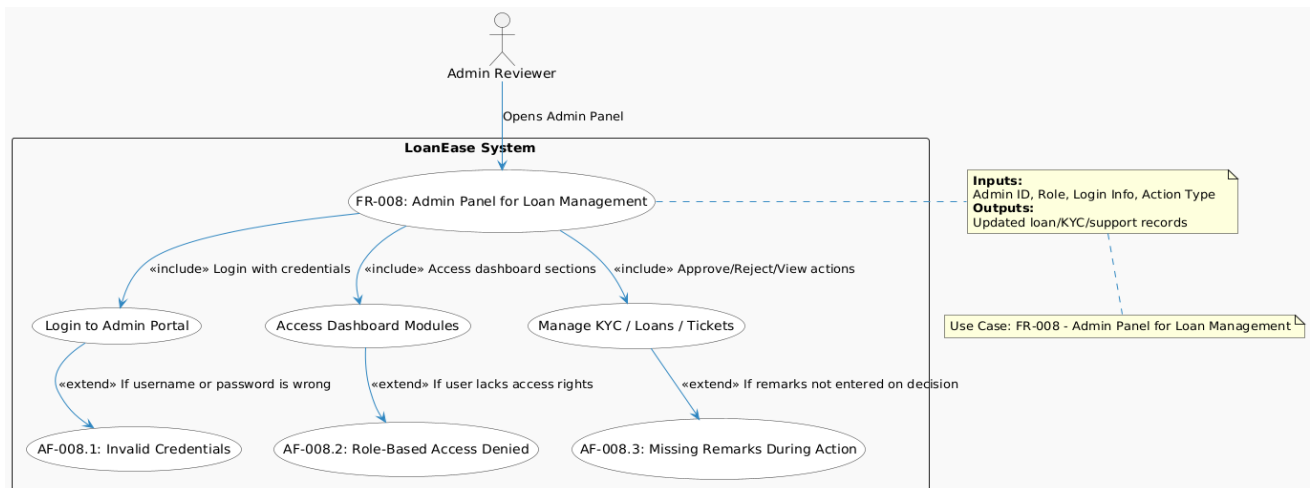
Use Case Diagram – 6.5 FR-005: EMI Plan and Repayment Tracking



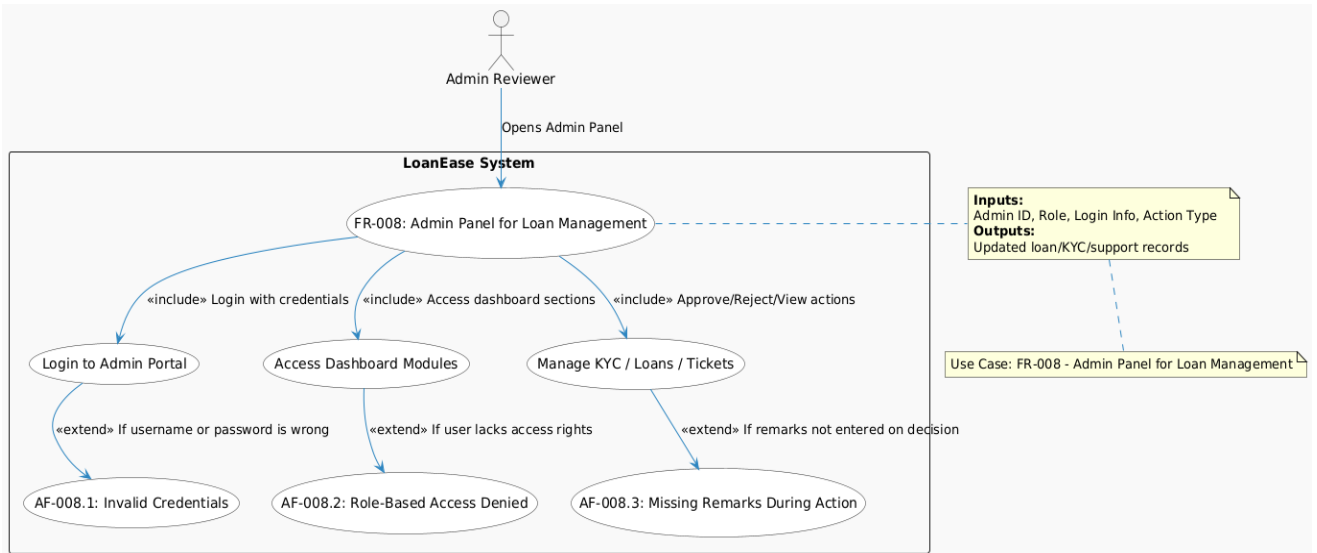
Use Case Diagram – 6.6 FR-006: Transaction History



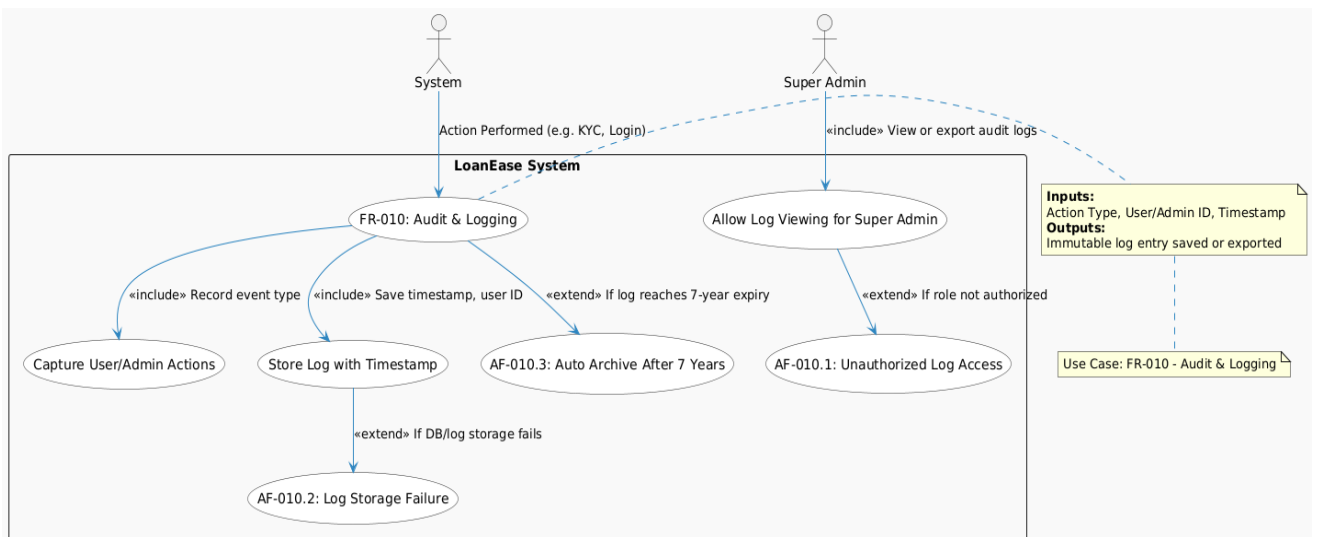
Use Case Diagram – 6.7 FR-007: Support Ticket / Help Chat.

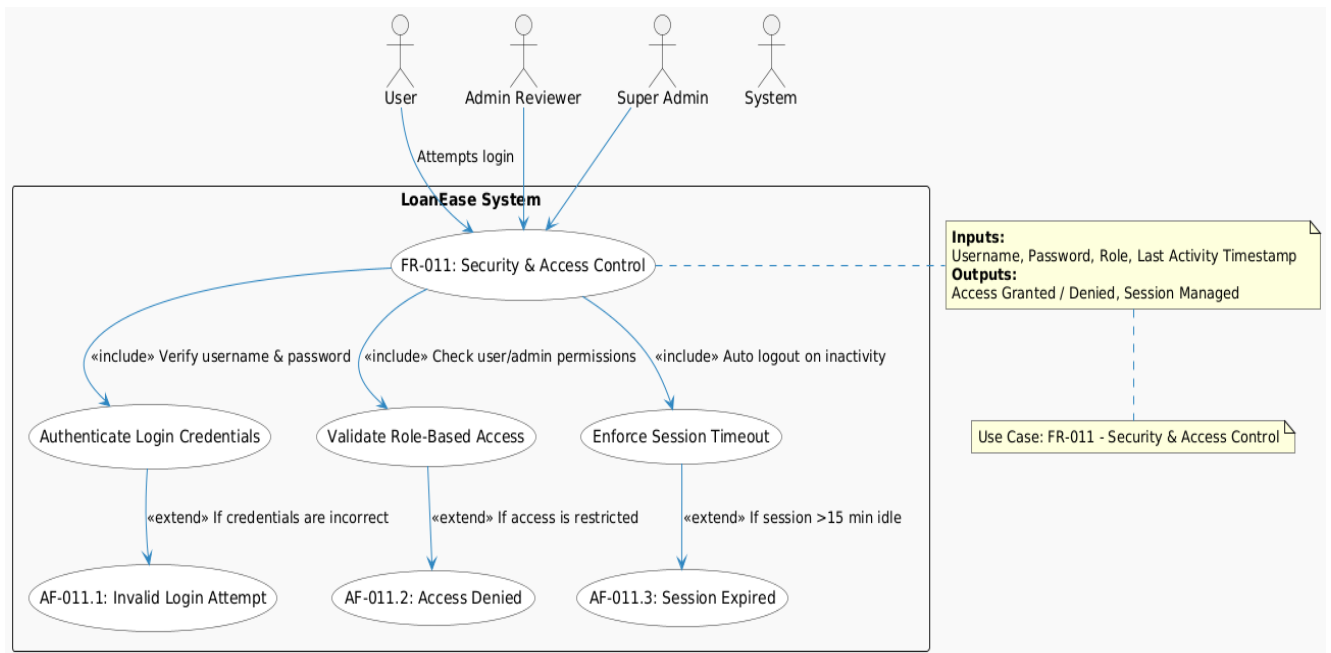


Use Case Diagram – 7.1 FR-008: Admin Panel for Loan Management



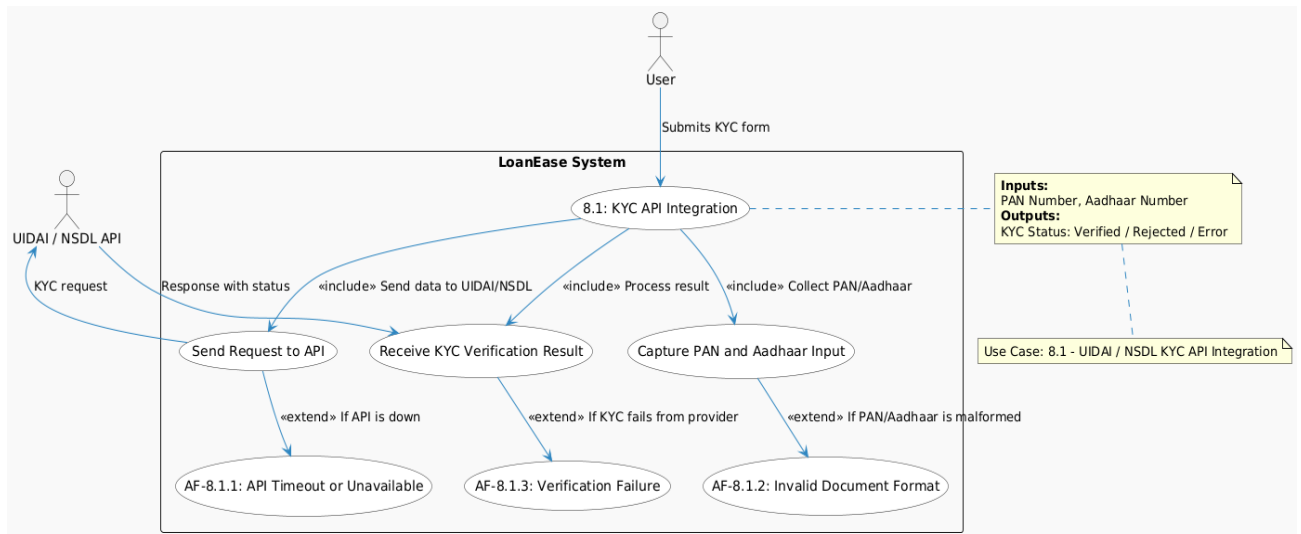
Use Case Diagram – 7.2 FR-009: Configure Loan Products.



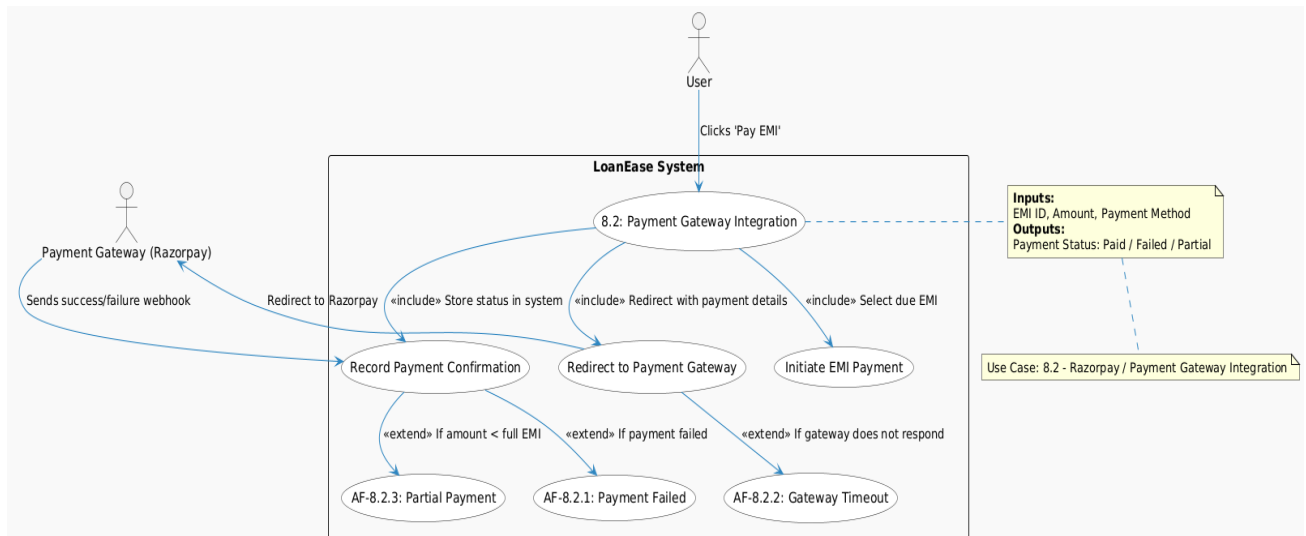


Use Case Diagram – 7.4 FR-011: Security & Access Control

External systems integration.



Use Case Diagram – 8.1 UIDAI / NSDL KYC API Integration



Use Case Diagram – 8.2 Razorpay / Payment Gateway Integration

9.Conclusion

This document provides a complete set of use case diagrams for the **LoanEase – Personal Loan Application System**, aligned with functional requirements, admin actions, and external system integrations.

These diagrams serve as a visual guide for developers, testers, and stakeholders, helping ensure a shared understanding of system behaviour and actor interactions.

This concludes the use case documentation for LoanEase.