

Functional Specification Document (FSD)

Project Name: GFMS

Version: 1.2

TRIPUND SOLUTIONS-GFMS

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Revision History

Version	Name of Author	Name of Reviewer	Effective Date
1.0	Pooja Nilve	Ravi Vaswani	13-Feb-2025
1.1	Pooja Nilve	Ravi Vaswani	20-Aug-2025
1.2	Pooja Nilve	Ravi Vaswani	06-Sep-2025

1. Introduction

1.1 Purpose

This document serves as a blueprint for software development, ensuring that all stakeholders understand the system's functionality, requirements, and behaviour. [OBJ]

Government Fund Management System (GFMS) enables government organizations to work most effectively to manage funds for various state or central government schemes (Project). GFMS application is a vast and fulfils very specific business needs. GFMS at core of function helps in Scheme/Project management, Payments of various kinds to Vendors, Special Help Group (SHG) and other Government and non-Government Beneficiaries.

Further based on phase 2 BRD shared by Bandhan Teams, this document is updated to include the changes.

1.2 Scope

We will cover the scope as

Functional Scope:

1. Core Features & Functionalities

Scheme Management, Budget Master, Payments (Single, Bulk), Beneficiaries Payments, Vendors Payments, Reports and Dashboards.

2. User Interactions & Workflows

In this document we will detail out the UI diagrams and High level DFDs and use case diagrams for each module.

3. System Behaviour & Business Logic (GFMS is a web-based system, which can be accessed via different users. These users are assigned roles, and each role is configured with privileges i.e. Actions such as (Add, Edit, Delete etc). GFMS is a role-based system based on the role assigned users can perform actions.

4. Integration with Other Systems. (GFMS is designed to integrate with Core Banking System, to ensure Bird's Eye View (Dashboards) for management and Reports of various kinds needed by different departments.)

Phase 2:

Sr. No.	Module	Sub-Module	Brief Description of the Requirement	Requirement raised by
1	Payment	Adjustment Module (New)	Handling of Limit Updation & Accounting Entries in GFMS for returns transactions	Operations
2	Limit Maintenance	Sweep Execution	Additional Manual controls for Sweep execution	Operations
3	Limit Maintenance	Limit API Integration	Updation of Limits/Drawing Power in CBS by GFMS application through limit updation API	Product
4	Reports	NA	Limit & Account Reconciliation Report Export Functionality enhancement	Operations
5	AMC Master (New)	NA	Additional functionality to handle Sub-child units - Specific requirement raised by Agartala municipal council	Department
6	UI/UX	NA	Changes as provided by UDD in UI	Department
7	Email Notification	NA	Additional Email Notifications for Bank Users	Operations
8	Payment	Project Payment	Additional payee type IA/IO for payee registration and payments	Department
9	Beneficiary Master	NA	Enhancements to handle joint account holders scenarios	Department
10	Work Order	NA	Closure of Work Order related changes	Department
11	Payment	Project & IEC/A&OE	Option for Branch to execute any pending payments on basis of UDD instruction	Product
12	Account Master	NA	Holding account functionality at the UDD level	Product
13	User Master	NA	Changes in User Creation module for ZBA mapping	Product
14	Project Master	NA	Addition of sub-components in the project master hierarchy New Project Additions	Department
15	ULB Master (New)	NA	Front end for addition/modification of ULB parameters	Department
16	Budget Master	NA	Provision for modification of Budget allocation	Department

Non-Functional Scope:

- Performance Expectations – N/A
- Security & Compliance – N/A
- Usability & Accessibility – N/A
- Availability & Scalability – N/A

1.3 Out of Scope

1. **Budget Revision Option:** The budget should be adjustable (either an increase or decrease) according to the availability of funds.
2. **Protection Against Deletion:** Sub-projects or their elements should not be deleted once the ULB has made a payment against that sub-project.
3. **Deviation Payment Module:** ULB requires a deviation payment module. Sometimes extra funds are released to a vendor against a created work order, but ULB cannot modify the work order amount. ULB will issue an official letter for the deviation of that work order. The maximum deviation percentage should be configurable at the UDD level.
4. **Branch Master:** To have the functionality of maintaining Bank branches from the frontend. The system should allow defining, editing, deleting branches, as per the requirement. It should have all required fields such as Branch sol, IFSC, Branch name, location, address etc.
5. **Account Link Master:** To have the functionality of parent child relationship management and account linking from the front end, as per the requirement of the Bank.

1.4 Target Users

The Target users of GFMS are Bank and Department users i.e. Tripura Government officials.

1.5 Assumptions & Constraints

Application operation responsibility is shared among multiple stakeholders, Bandhan Bank performs all operations related to creation and maintenance of Tripura Government's Bank accounts and related data. Tripura Government. Further Tripura Users

2. Functional Requirements

2.1 Use Cases & User Stories

2.1.1 Role Master

As this application is role-based, all roles are created and managed within this module. Following shows the Use-Case diagram for Role Master:

Use Case Diagram - Role Management

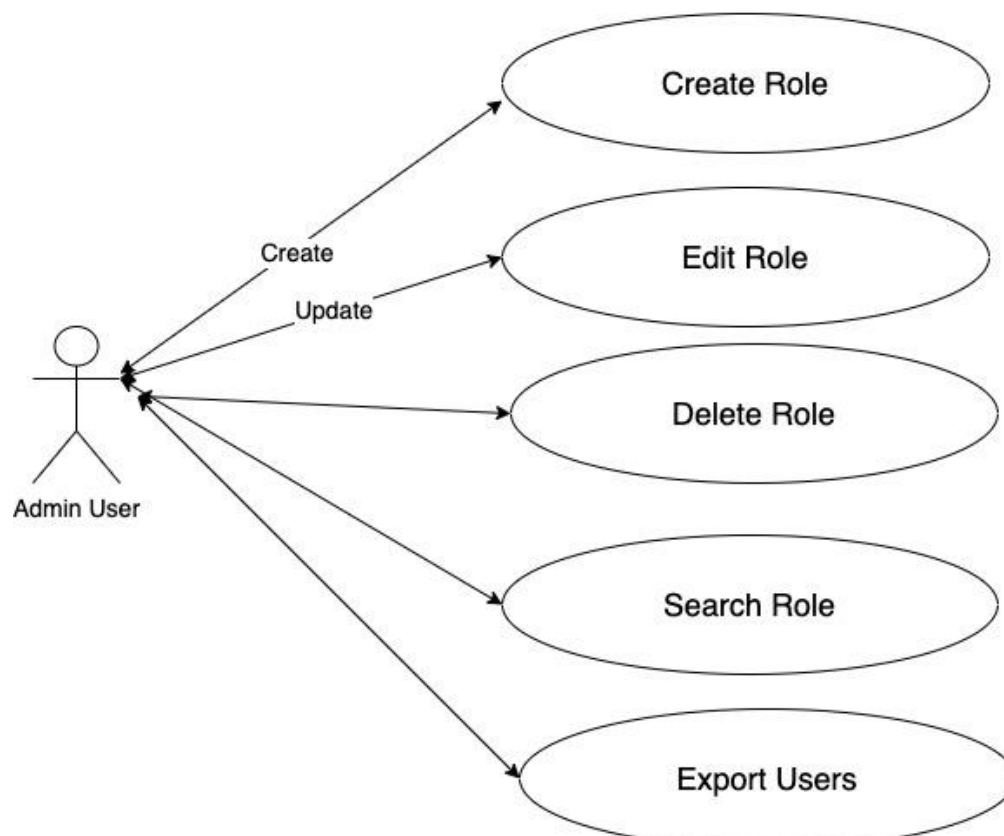


Figure: Use-Case Diagram: Role Master

2.1.2 User Master

All the users who have access to this application are listed here. Following shows the Use-Case diagram for User Master:

Use Case Diagram - User Master

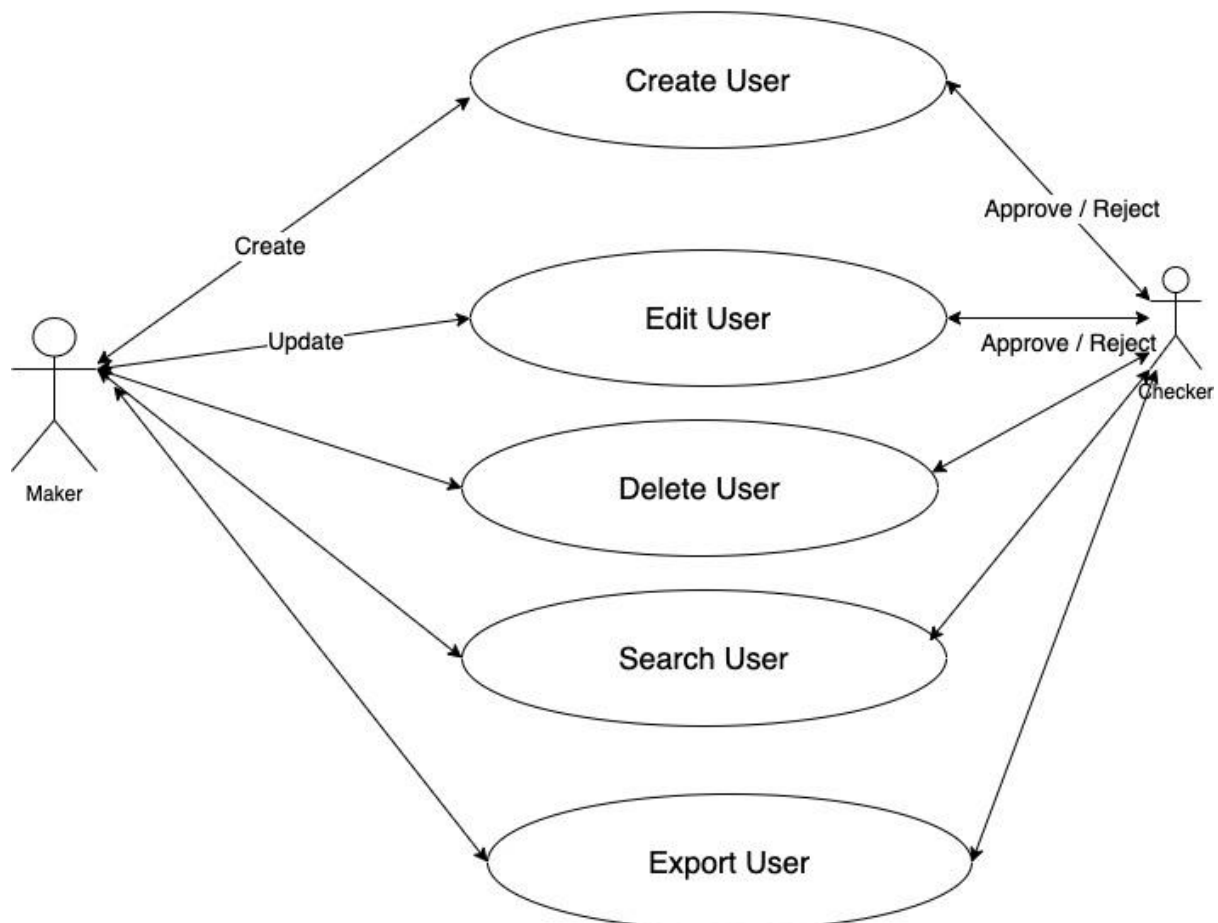


Figure: Use-Case Diagram: User Master

Phase 2 :- User mapping will be done through the User Master module by selecting the ULB from the active ULB list

Provision of mapping users to ULB's child acc too..

Query:- What is ULB's child account here??

Reply Agartala has child entities such as Division1 and Division2. As per the requirement, Division1 will create its own Work Orders (WOs) and payments. To enable this, users need to be mapped to specific divisions. Only those mapped users will be able to create WOs and payments for their respective Division/Zone. For this purpose, the User Master includes a provision to map users to a Division/Zone. When the OPS team maps a ULB to a user, if that ULB has any zones or divisions, the OPS team can assign the user to a specific Division/Zone by selecting the appropriate value from the dropdown which will be visible on User creation.

A new user type, 'Branch User', has been introduced, who can perform ULB tasks if requested by the departments.

Additional fields to be captured for bank and branch users are employee number, employee grade, and employee designation, which will be provided by bandhan.

Provision to upload the document on user creation screen.

A new checkbox field has been added to distinguish between UPM and Bank users.

- When a UPM creates a user from the User Creation page, the User Type field should be displayed as Bank User and remain disabled.
- When any other user (other than UPM) creates a user from the User Creation page, the User Type field should be selected as Government Officer and remain disabled.

Query: A drop down should show default value as NA and system should prompt for selection of this value as Bank/Govt. User as per the requirement on submission.

Reply:- The User Type should not be pre-selected. If the user submits the form without selecting a User Type, a prompt should appear stating that User Type is required.

Branch users will have the access to all the ULB acc for transaction & view only access to masters.

Query:- User activation/deactivation needs to be included here.

Res:- A checkbox has been added on the User Creation page as 'Active User,' and it will be checked by default. If the OPS team wants to deactivate that user, they can simply uncheck the 'Active' checkbox.

2.1.3 Account Master

A new ULB account can be created through this module

Following shows the UI diagram for Account Master:

Use Case Diagram - Account Master

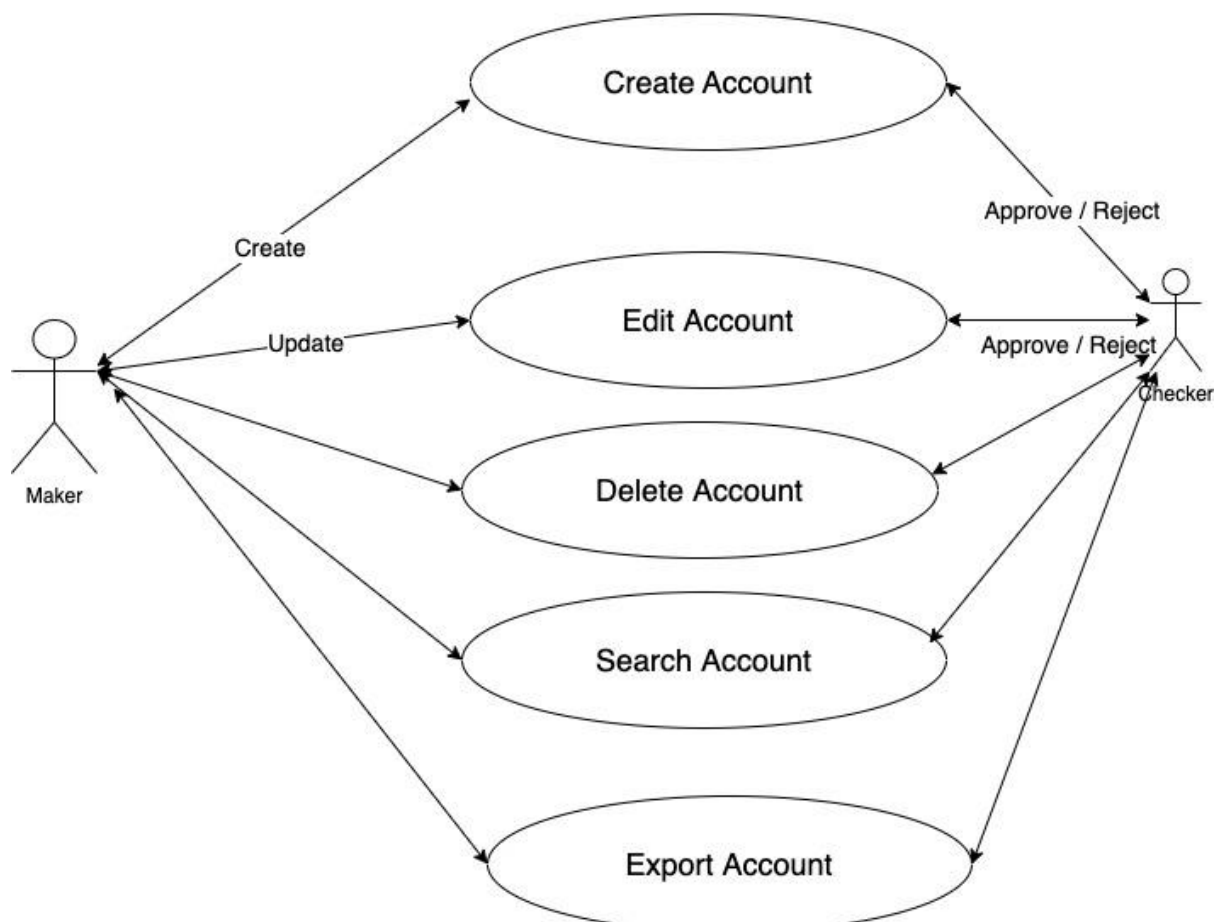


Figure: Use-Case Diagram: Account Master

Phase 2 :-

User Mapping Removal

The user mapping feature has been removed from the Account Master and moved to the User Master module. The functionality for mapping ULBs with accounts has changed with the introduction of the new 'ULB Master' module. When selecting the account type as 'ZBA' during account creation, a new dropdown field will appear, displaying all active ULBs.

Other Bank Holding acc

A new field, 'Bank Name', has been introduced in holding account creation. From now on, holding accounts of other banks can also be mapped to an SNA account.

2.1.4 Branch Master

- The system should allow defining, editing, deleting branches, as per the requirement.
- Maintain the branch details like branch code, branch name, BIC code, region etc. In this we can search the branch details, add a new branch, edit the existing branch and delete the branch details

Following shows the UI diagram for Branch Master

Use Case Diagram - Branch Master

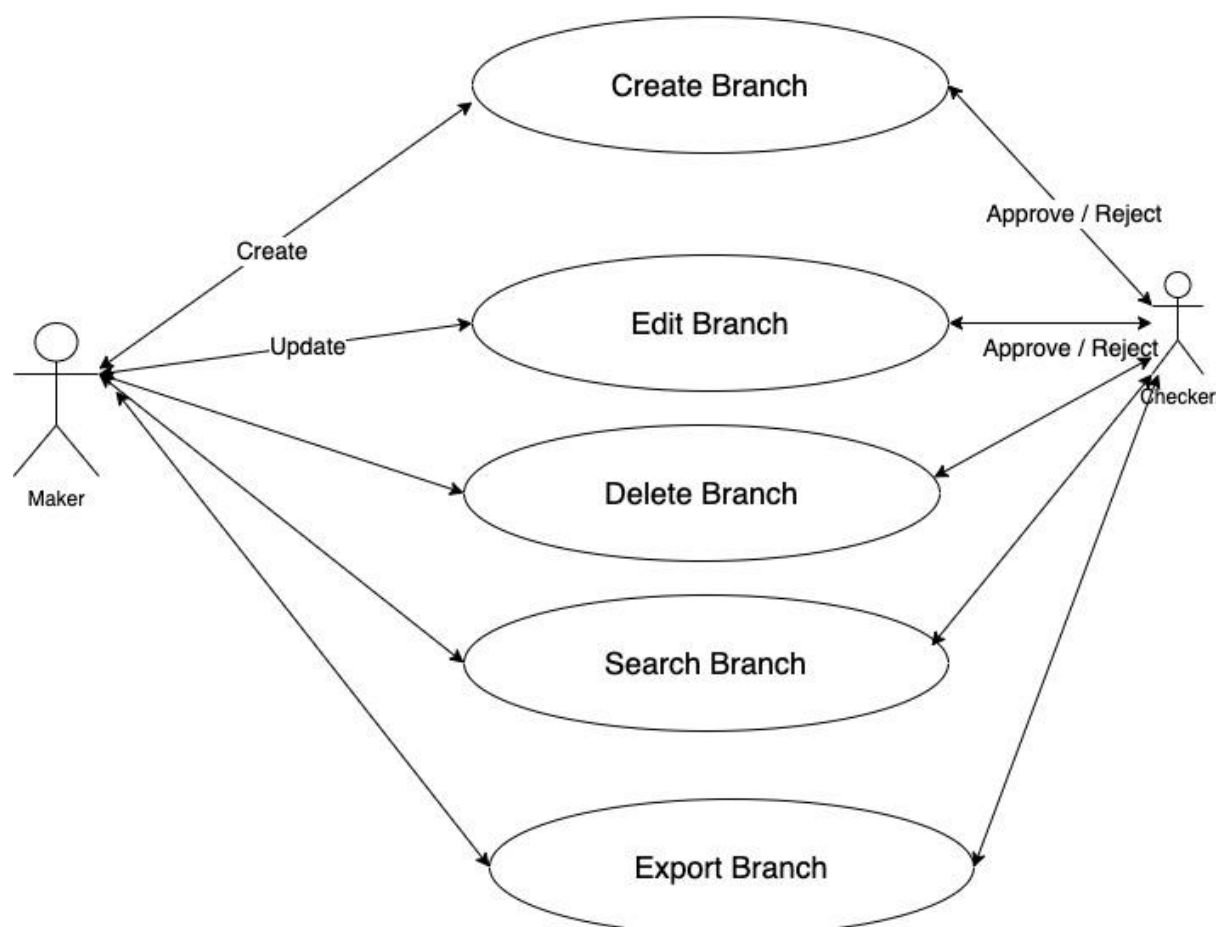


Figure: Use-Case Diagram: Branch Master

2.1.5 Holiday Master

- The purpose of Holiday Master is screen is defining holiday for the organization, based on holidays declared here no transactions will take place, this ensures security i.e. on non- working days. No financial transactions can be initiated or approved.

Following shows the UI diagram for Holiday Master:

Use Case Diagram - Holiday Master

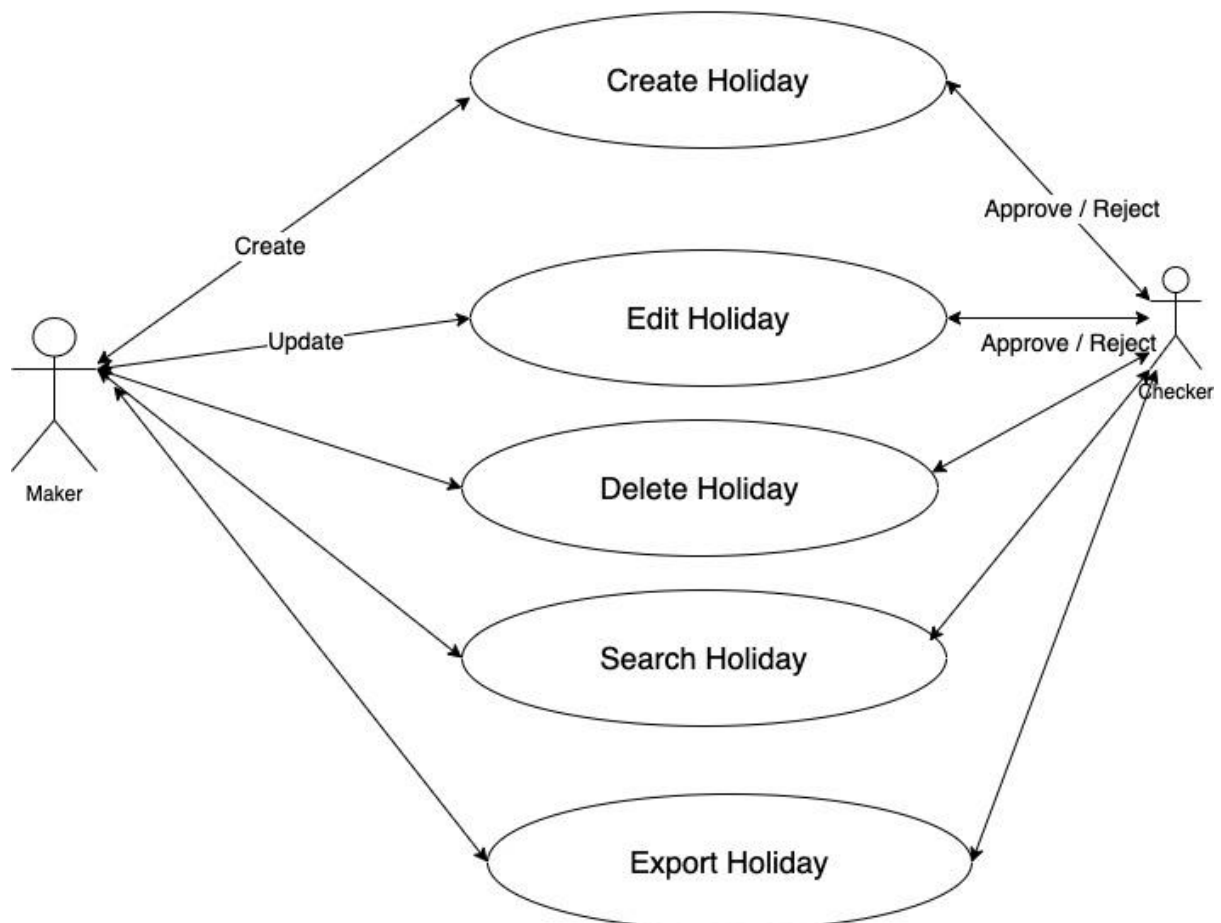


Figure: Use-Case Diagram: Holiday Master

2.1.6 Project Master

Projects are created by UDD maker user and then approved by another UDD checker user. Each Project is created to serve a specific purpose. Each project may have one or more “Sub Heads/Components”.

Use Case Diagram - Project Master

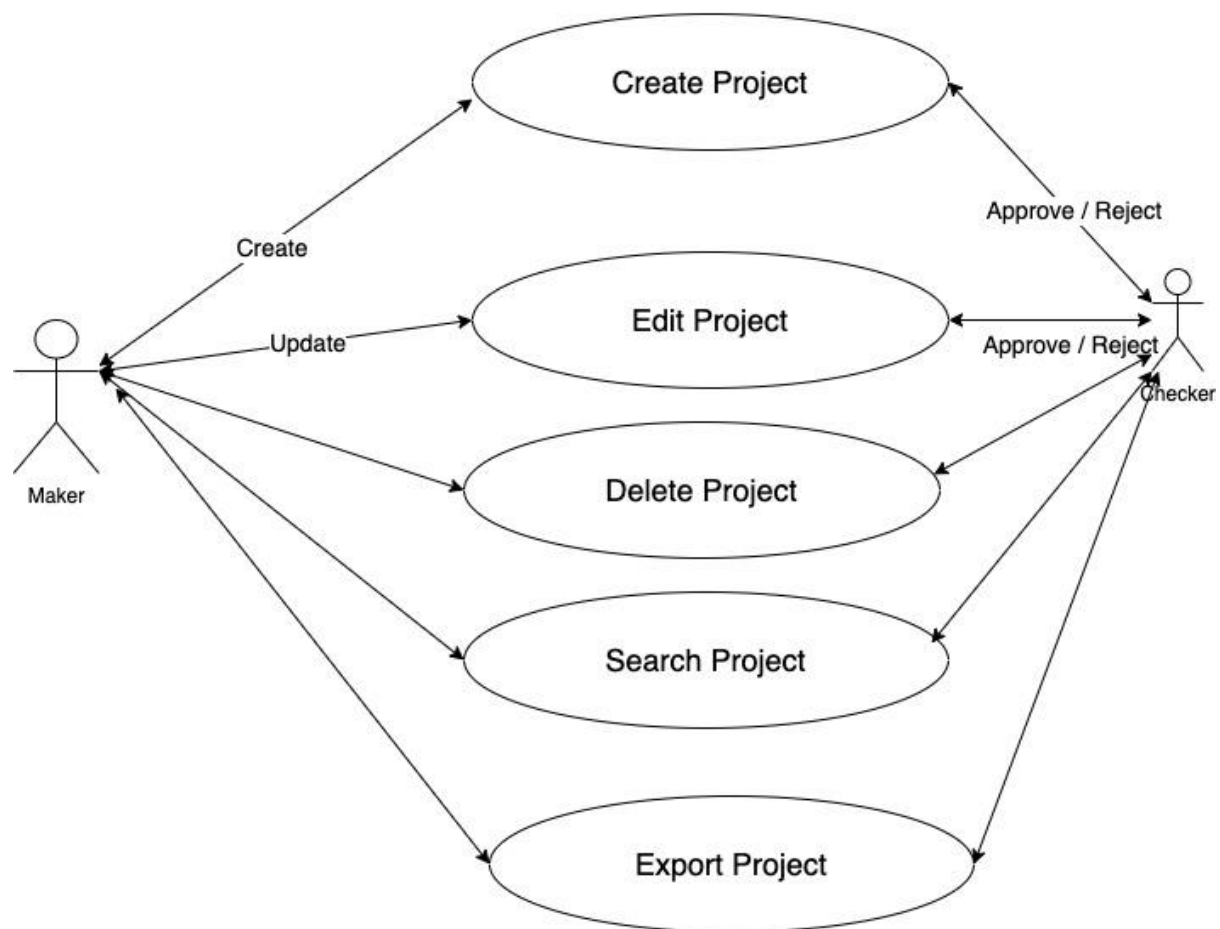


Figure: Use-Case Diagram: Project Master

Phase 2 :-

Project Ratio change

In the current application, payments are initiated against three projects that were tightly coupled, with each project having a fund allocation ratio of 60:40:25. From now on, this percentage ratio can be modified on the Project Creation page, before the approximate budget allocation.

Query:-Please confirm how this will be handled in the system?

Reply:- Once the projects are created, all active projects will be displayed in the Admin

Config Master. From there, we can set the percentage for each project. For reference, we have attached a snippet of the table that will be displayed in the Admin Config Master.

sr no	Project Name	percenatge %	Max ratio
1	Basic urban	60	☐
2	Public	20	☐
3	Routine	25	☒
4	Project 1	20	☐
Total		100	☐

As observed in the above snippet, the 'Percentage' and 'Max Ratio' fields will be editable. The sum of the percentages, excluding the value checked as 'Max Ratio,' should be equal to 100. For example, if 100 is allocated, the routine to spend a maximum of 25 of the allocated fund. If the routine spends 10, the remaining 90 will be distributed among the three projects according to their respective percentages (60:20:20). The main purpose of setting the percentages in the Admin Config Master is to provide a clear view of the fund distribution among the projects.

Element-Sub head child

Currently, the Project Master has a single-level hierarchy of Head and Sub-Head. Going forward, Sub-Heads will also have children, known as Elements. Payments will now be initiated against these Elements only (Some of the sub-heads may not have elements under it, hence payment will be initiated against the sub-head.).

2.1.7 Admin Config Master:

This module allows Admin user to configure global parameters for the application. Once the parameters are set they can be approved by Checker Admin, further once the existing values are updated, new values come in immediate effect.

Use Case Diagram - Admin Config Master

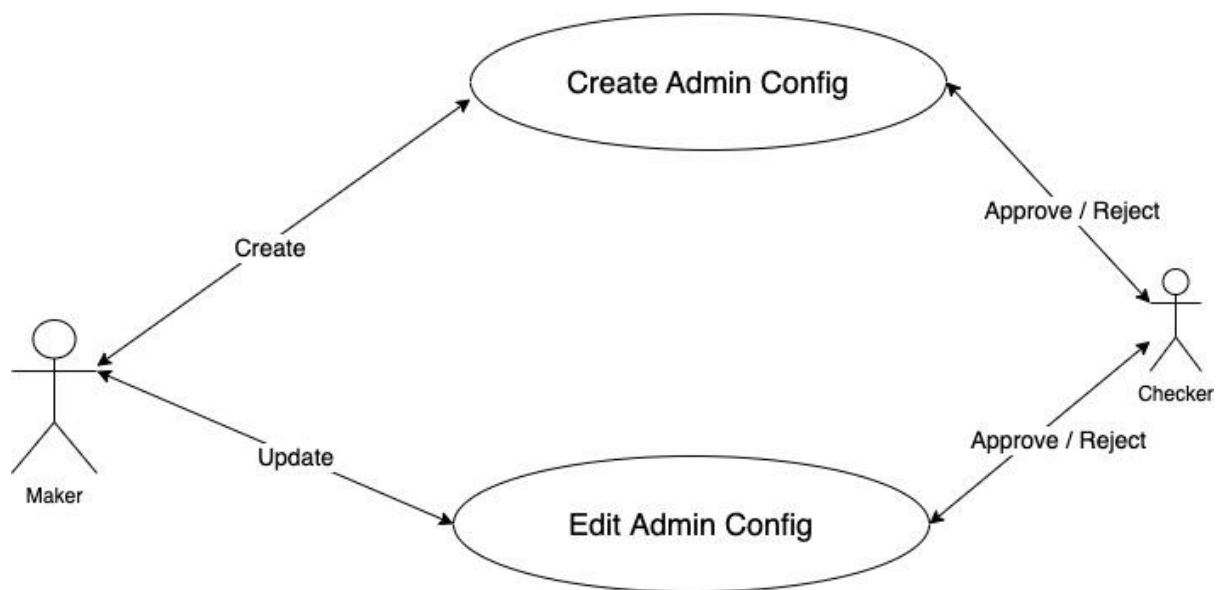


Figure: Use-Case Diagram: Admin Config Master

Phase 2:-

Beneficiary Cooling Period

A new field, 'Beneficiary Cooling Period', has been added. Beneficiaries must serve this cooling period before being included in the payments list.

This is not part of Phase 2, this was part of the earlier BRD and was pending.(Not found in BRD v1.0)

2.1.8 Budget Master:

The budget will be managed by UDD users.

UDD will allocate the financial budget to each Urban Local Body (ULB).

UDD has the authority to modify the budget amount at any time. This provision should also be available for other relevant processes.

Normative allocation of the un-tied fund of the MM-NUP to the municipal bodies will be determined based on weightages assigned to 3 (three) main criteria: Census 2011 population, Area (sq. km), Performance (Incentive) of the ULB

Use case Diagram - Budget Master

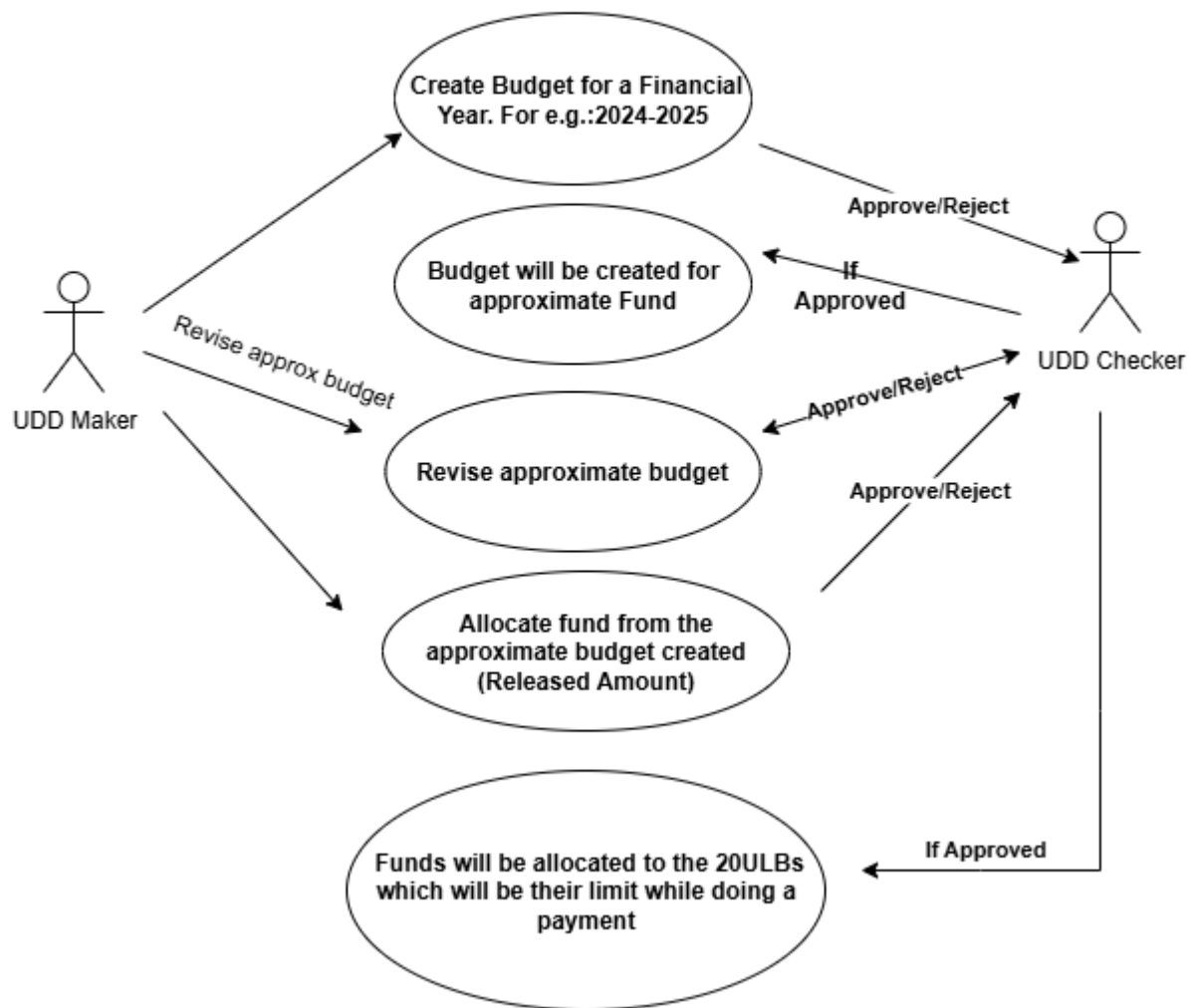


Figure:Use-Case Diagram: Budget Master

Phase 2 :-

UI/UX

There should be provision to display the budget amt in lakhs and crore.

This is not part of Phase 2, this was part of the earlier BRD and was pending(As change request).

Edit Provision

The approximate budget can be edited only for the current financial year or future financial years, and an audit trail will be maintained in the application. The approximate budget cannot be less than the allocated value, and the user modifying it must enter a remark justifying the change.

Checker flow

For fund allocation, the UDD checker must first download the fund allocation structure, get it signed by the Director, and upon approval, upload the signed document (signature scanning not in scope). An additional security level OTP will be sent to the checker's mobile number for the approval process.

Rejection flow

In case of rejection, the checker must provide a reason for rejecting the allocation. Once the approximate budget is created, any changes or modifications in the Project Master or ULB Master will not be considered for the current year's fund allocation.

2.1.9 Project Payee Master

- Vendor>System should capture vendor details like GSTN number and PAN/TAN. The tax provision should be available for all vendor transactions
- Beneficiary>System should capture account/Aadhar and Job Card Number details of beneficiary and account validation module should be available in system.
- SHG> For work(s) assigned to Women SHGs functioning as agency, 5% of the final cost of work(s) will be paid as supervision charges to the concerned SHGs.

Use case Diagram - Project Payee Master

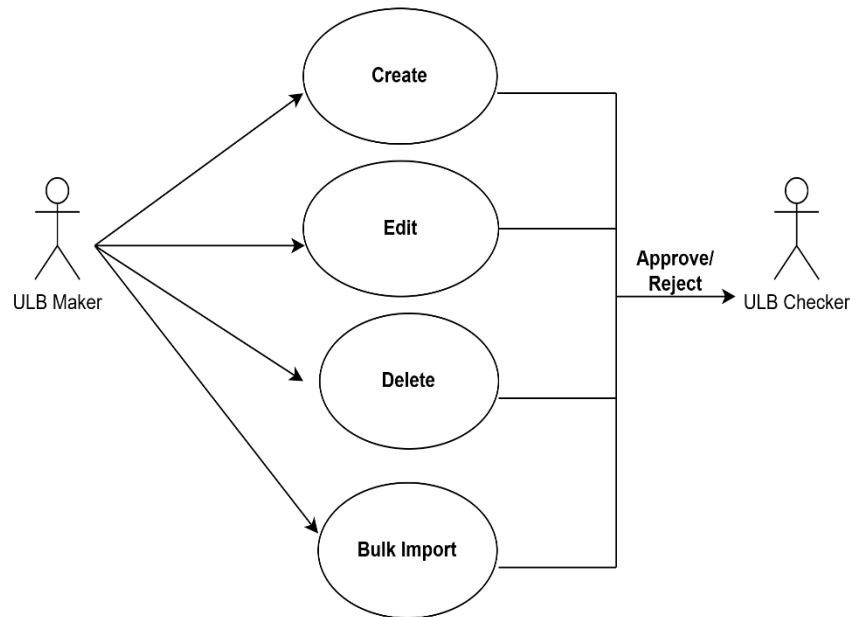


Figure: Use-Case Diagram: Project Payee Master

Phase 2 :-

Two new types of payees have been introduced in the Project Payee Master: 'IA' and 'IO'.

- **IA** will have the same fields as Vendor Payee.
- **IO** will have the same fields as Beneficiary.

Export option should included these two types of payee as well

There will be no job card for IO. Accordingly needs to be handled.

When selecting the payee type as Beneficiary, a dropdown will be displayed with the label '**Account Type**', containing two options: '**Single**' and '**Joint**' account. On selecting a Joint account, multiple account holder names can be mapped to that payee. For Beneficiary bulk upload, two new columns have been added to the template for Joint account type.

Query:-Please confirm the additional columns.

Reply:- Account Type & Payee Names new fields be added (comma-separated, as multiple account holder names can be present for a joint account).

AMC:

For AMC, there are a total of 10 departments responsible for payments: 6 Divisions and 4 Zones. Users mapped to these Divisions and Zones will create Payees instead of AMC.

AMC can also create the Payees

Ok, but not on behalf of the Division/Zone. AMC will have the provision to view transactions of Division/Zones and reinitiate them in case of a technical failure, but AMC will not be able to initiate transactions themselves they can create there initiate .

AMC users & child users will also have the provision to create payee in bulk.

AMC user should be able to create Payees in bulk as well as single entries. Yes as per existing functionality and similar query has been answered above.

2.1.10 A&OE and IEC Payee Master

- Vendor>System should capture vendor details like GSTN number and PAN/TAN. The tax provision should be available for all vendor transactions
- Beneficiary>System should capture account/Aadhar and Job Card Number details of beneficiary and account validation module should be available in system.

Use case Diagram - A&OE and IEC Payee Master

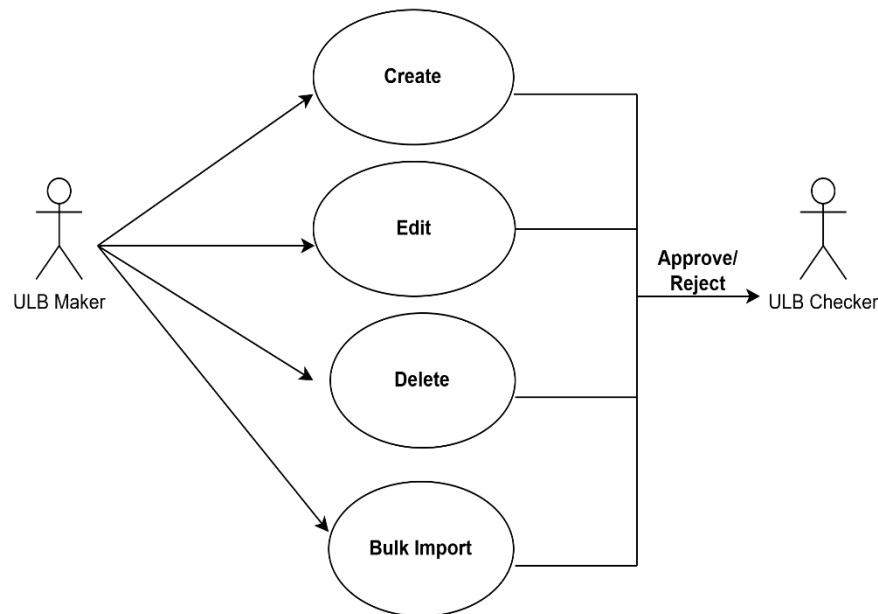


Figure: Use-Case Diagram: A&OE and IEC Payee Master

Phase 2:-

Joint Acc type

When selecting the payee type as Beneficiary, a dropdown will be displayed with the label '**Account Type**', containing two options: '**Single**' and '**Joint**' account. On selecting a Joint account, multiple account holder names can be mapped to that payee. For Beneficiary bulk upload, two new columns have been added to the template for Joint account type.

AMC:

For AMC, there are a total of 10 departments responsible for payments: 6 Divisions and 4 Zones. Users mapped to these Divisions and Zones will create Payees instead of AMC

AMC child users will also have the provision to create AOE/IEC payee in bulk.

2.1.11 Monitoring and Supervision Payee Master

- Vendor>System should capture vendor details like GSTN number and PAN/TAN. The tax provision should be available for all vendor transactions
- Beneficiary>System should capture account/Aadhar and Job Card Number details of beneficiary and account validation module should be available in system.

Use case Diagram - Monitoring and Supervision Payee Master

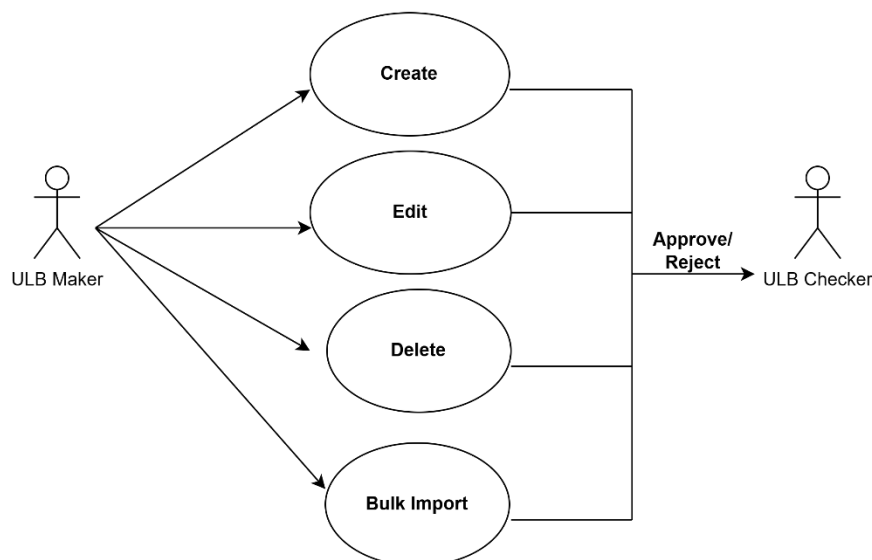


Figure: Use-Case Diagram: Monitoring and Supervision Payee Master

Phase 2

Joint Acc type

When selecting the payee type as Beneficiary, a dropdown will be displayed with the label '**Account Type**', containing two options: '**Single**' and '**Joint**' account. On selecting a Joint account, multiple account holder names can be mapped to that payee. For Beneficiary bulk upload, two new columns have been added to the template for Joint account type.

2.1.12 Project Payments

On the payment screen, the user will first select the scheme name.

There after select the sub-head name.

Based on scheme name and sub-head name work order will be appeared in drop down.

Search facility should be available in drop down.

After selection of work order, work plan will be appeared on screen.

Payment rule engine will be work on selection of scheme.

If the ULB user selects the C(REW) scheme, then a maximum of 25% of the allocation amount will be used under the REW scheme

Selection of scheme A, ULB user can't exceed the 60 % of remaining budget amount validation

Selection of scheme B, ULB user can't exceed the 40 % of remaining budget amount validation.

If the work order is implemented by the SHG, then 5% of the work order amount will be given to the SHG and work order should not be greater than 2 lakhs.

Use case Diagram - Project payments

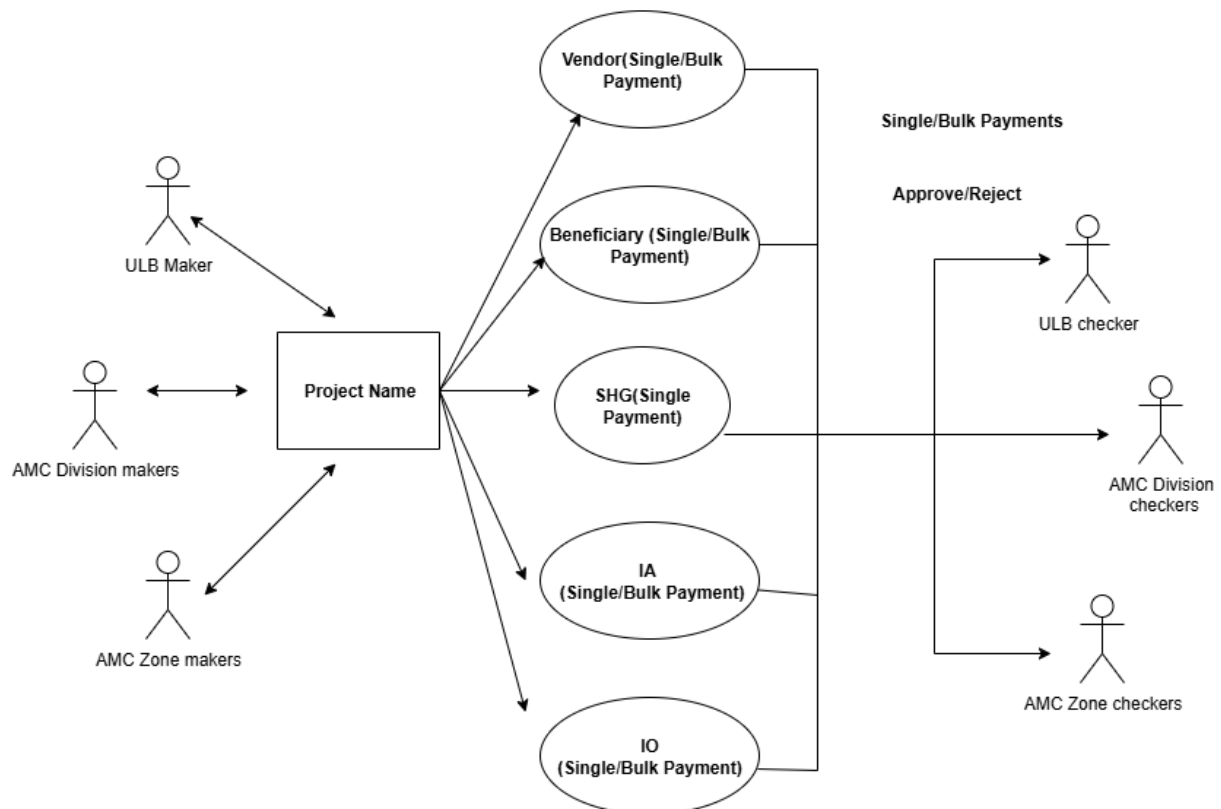


Figure: Use-Case Diagram: Project payments

Phase 2:-

Elements:

In the GFMS application, payments were previously initiated against Work Orders and displayed based on the Sub-Head selected from the dropdown. In Phase 2, Sub-Heads will have children, known as **Elements**. A new dropdown has been added on the Project Payment screen for Elements. The data in this dropdown will be displayed based on the selected Sub-Head. On selecting an Element, the Work Orders created against it will populate in the Work Order dropdown.

For payments, sub-head only needs to be selected as work order. Post selection of work order, element needs to be selected. Element is just for expenditure record purpose.

Joint Account:

Joint account functionality has been added for Beneficiary payee types. If a payee has multiple account holders, the Beneficiary dropdown on the payment screen will display all account holders with the payee name as separate records. For example, if "Sharma Family" is a payee and has multiple account holders, the dropdown will show:

- Sharma Family – Rajan Sharma
- Sharma Family – Rajat Sharma

- Sharma Family – Samay Sharma

All these members will have the same job card number.

Bulk:

The bulk upload template for Beneficiary payees has been modified to reflect the above changes

Query:-Please confirm the format once based on the modification

Ans:-As two payee types have been introduced IA & IO for these two new templates will be provided.

AMC:

For AMC, there are a total of 10 departments responsible for payments: 6 Divisions and 4 Zones. Users mapped to these Divisions and Zones will process payments instead of AMC but will retain the rights to view all transactions of their child units.

AMC will add limits to their child ULBs through an offline process. Division and zone users cannot initiate a payment greater than the limit allocated to their parent ulb acc.

Query: This will be through GFMS only. Limit should not exceed their individual limits (division and zone limits) allocated by AMC .

Reply: Please refer point 2.1.24 new module added.

For bulk payments, ULB will get a download option for the successfully uploaded file to ensure proper verification at the offline maker level as well as checker level. User can also download the file before verification.

In Admin Config Master, there is a field named Mobile Fingerprint where a payment limit is set. If a payment exceeds this limit, an additional level of authentication is required — the Checker must approve or reject the payment from the GFMS app for the payment to be executed.

If the Checker is not available to approve the record, the ULB will download the particular payment, get it signed by the Director, and forward it to the Bank User. The Bank User will then approve or reject the status from the Payment Module. While performing this task, the Bank User must upload the document received from the ULB.

The same process will apply to bulk payments as well.

2.1.13 A&OE and IEC Payments

1% will be deducted for IEC (Information, Education, and Communication) purposes, and the funds will be credited to the IEC dedicated account.

2.5% will be deducted for A&OE (Administrative and Other Expenses), and the funds will be credited to the AOE dedicated account.

A&OE and IEC Payments

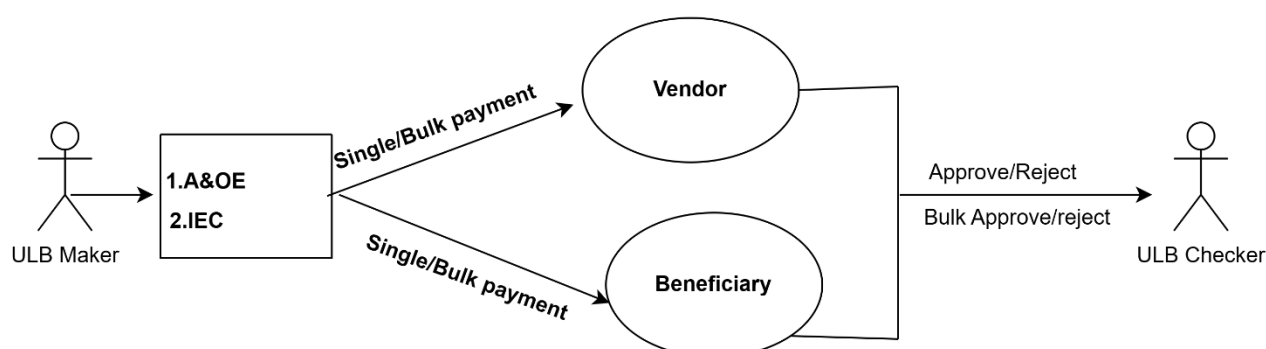


Figure: Use-Case Diagram: A&OE and IEC Payment

Joint Account:

Joint account functionality has been added for Beneficiary payee types. If a payee has multiple account holders, the Beneficiary dropdown on the payment screen will display all account holders with the payee name as separate records. For example, if "Sharma Family" is a payee and has multiple account holders, the dropdown will show:

- Sharma Family – Rajan Sharma
- Sharma Family – Rajat Sharma
- Sharma Family – Samay Sharma

All these members will have the same job card number.

Bulk:

The bulk upload template for Beneficiary payees has been modified to reflect the above changes.

AMC:

For AMC, there are a total of 10 departments responsible for payments: 6 Divisions and 4 Zones. Users mapped to these Divisions and Zones will process payments instead of AMC but will retain the rights to view all transactions of their child units.

AMC will add limits to their child ULBs through an offline process. Division and zone users cannot initiate a AOE/IEC payment greater than the limit allocated to their parent ulb acc.

For bulk payments, ULB will get a download option for the successfully uploaded file to ensure proper verification at the offline maker level as well as checker level. User can also download the file before verification.

In Admin Config Master, there is a field named Mobile Fingerprint where a payment limit is set. If a payment exceeds this limit, an additional level of authentication is required — the Checker must approve or reject the payment from the GFMS app for the payment to be executed.

If the Checker is not available to approve the record, the ULB will download the particular payment, get it signed by the Director, and forward it to the Bank User. The Bank User will then approve or reject the status from the Payment Module. While performing this task, the Bank User must upload the document received from the ULB.

The same process will apply to bulk payments as well.

2.1.14 Monitoring and Supervision payments

0.5% of the budget amount will be transferred to the UDD virtual account for monitoring and supervision at the directorate level

If the total budget for the financial year 2023-2024 is 100 Cr, but UDD only receives 50 Cr from the government, then 0.5% of the received funds will be credited to the directorate account. Whenever the remaining funds are received by UDD, 0.5% of those funds will also be credited to the directorate account for supervision.

Monitoring and Supervision Payments

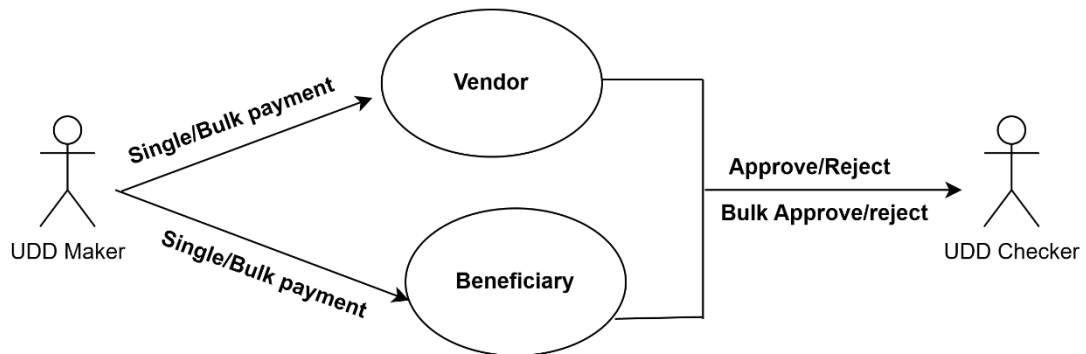


Figure: Use-Case Diagram: Monitoring and Supervision Payment

Phase 2

Joint Account:

Joint account functionality has been added for Beneficiary payee types. If a payee has multiple account holders, the Beneficiary dropdown on the payment screen will display all account holders with the payee name as separate records. For example, if "Sharma Family" is a payee and has multiple account holders, the dropdown will show:

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For bulk payments, ULB will get a download option for the successfully uploaded file to ensure proper verification at the offline maker level as well as checker level. User can also download the file before verification.

In Admin Config Master, there is a field named Mobile Fingerprint where a payment limit is set. If a payment exceeds this limit, an additional level of authentication is required — the Checker must approve or reject the payment from the GFMS app for the payment to be executed.

If the Checker is not available to approve the record, the ULB will download the particular payment, get it signed by the Director, and forward it to the Bank User. The Bank User will

then approve or reject the status from the Payment Module. While performing this task, the Bank User must upload the document received from the ULB.

The same process will apply to bulk payments as well.

2.1.15 Work order Master

Work order must be created by the respective ULB

Each ULB will have its own distinct work order

SHG audit, if any- Yes / No (for WO equal to or below Rs. 2 Lakhs)

Work id will be Auto generated

The work order amount can only be revised by UDD users. Every Work id must be closed and made unavailable from the payment screen dropdown after the full amount is exhausted.

Use Case Diagram - Workorder Master

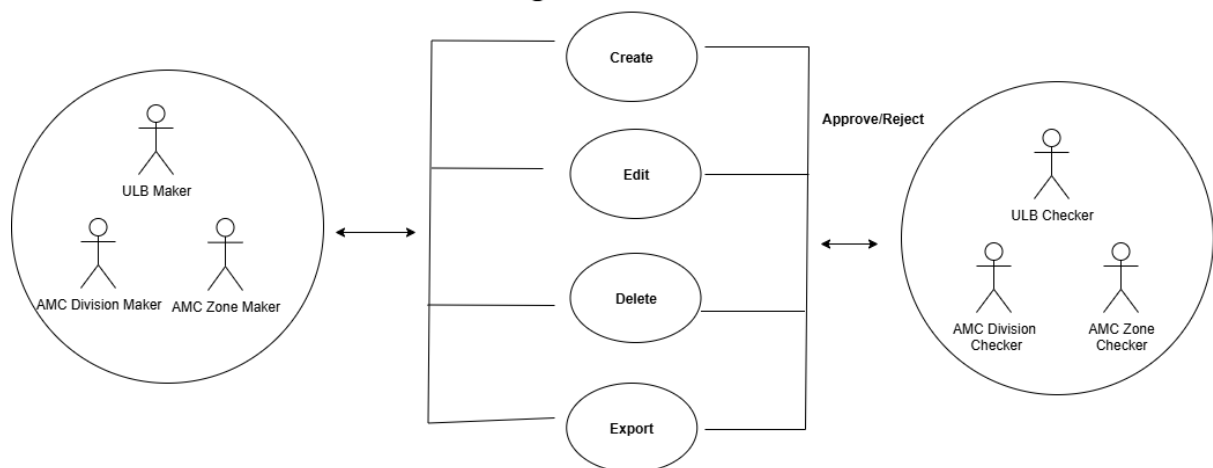


Figure: Use-Case Diagram: Workorder Master

Phase 2

Workorder Closure:

Workorders can be closed manually only when payments initiated against the workorder are not in a pending state.

WO can be closed at anytime including a scenario where there is a pending amount. Alert to be given to user on screen to proceed for closure.

Elements – Project Master:

A new dropdown field has been added in Workorder creation. This dropdown will display all active Elements based on the selected Sub-Head component.

Element selection not required at WO creation.

Sub Workorder:

If a Workorder is exhausted, a new Sub-Workorder can be created against the main Workorder. Sub-Workorders can only be created for active Workorders.

Workorder Amount Freeze:

Whenever a Workorder is created, its amount will be frozen, even if transactions are pending against it. The system will validate the available limit when creating a new Workorder (Available Limit = Total Available Limit – All Pending Workorder Payments). Users will not be able to create a Workorder if sufficient funds are not available.

If the WO is closed with pending amount, limit should get released.

2.1.16 Ward Master

Ward details will be used while creating a working work order

Create, Modify, Delete, Search, Export ward

There will be a Ward wise transaction and utilization Report

Use case Diagram - Ward Master

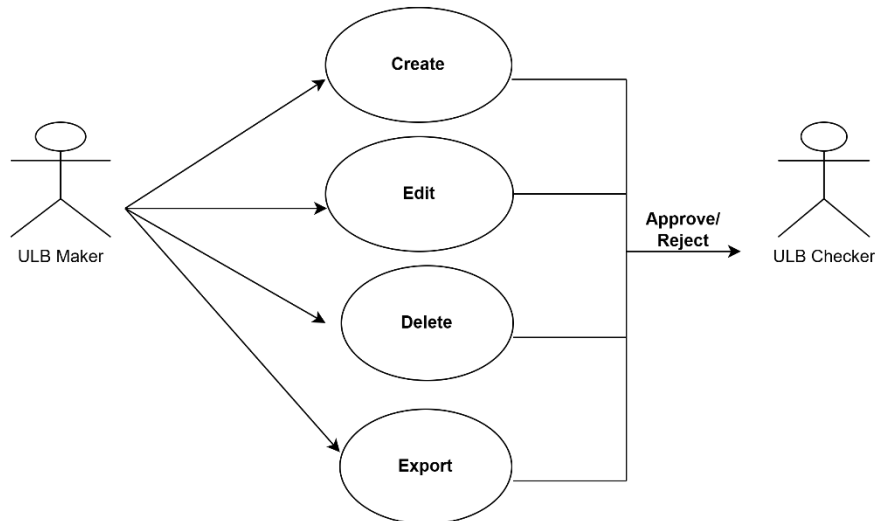


Figure: Use-Case Diagram: Ward Master

2.1.18 Audit Report

Audit Trail Reports of User, Accounts, Work order, Payee master are maintained through audit report.

Phase 2

Role master, Budget Master & ULB Master are maintained through the audit report.

If the WO is closed with pending amount, limit should get released.

Audit Trail Reports

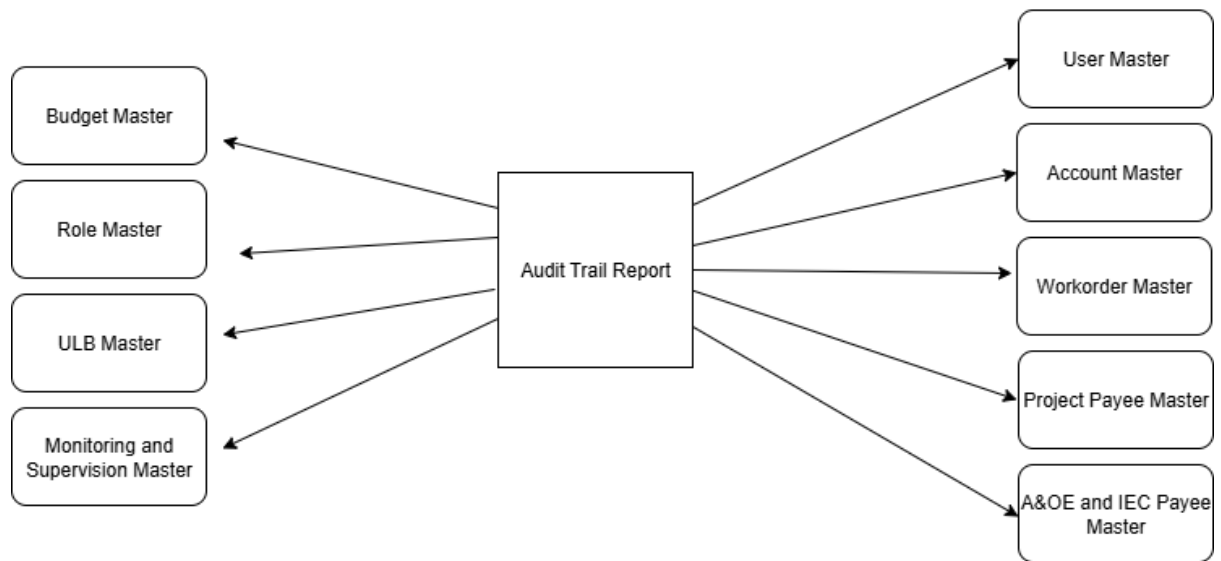


Figure: Audit Trail Report- Extractions

2.1.19 ULB Master

A new module, ULB Master, has been introduced. In the previous GFMS version, ULBs were created from the Account Master module. For better feasibility, this new module has been added. There is also a provision to add child ULBs.

For creating a ULB, the user needs to provide the following data:

1. ULB Name
2. Population
3. Area
4. Latitude
5. Longitude
6. District
7. State
8. Add Children (if applicable)

Use case Diagram - ULB Master

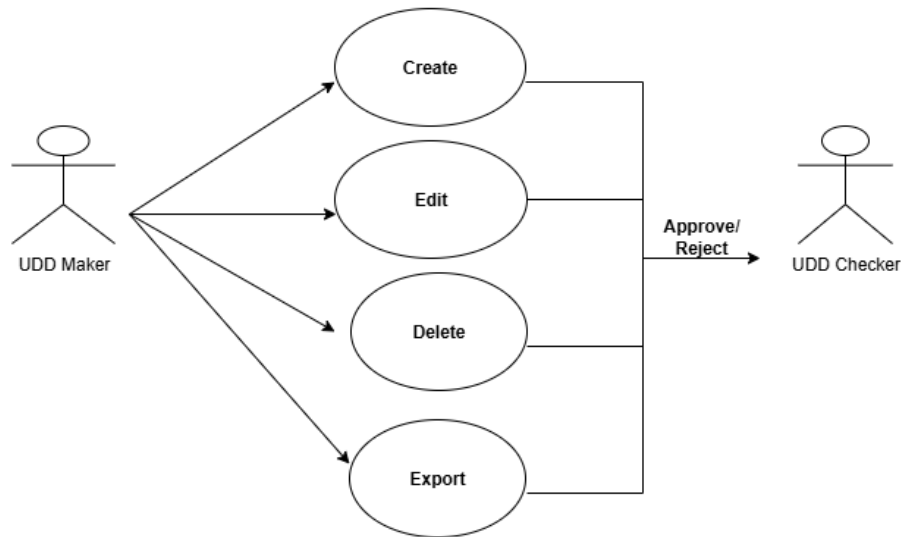


Figure: Use Case Diagram – ULB Master

2.1.20 Adjustment/Return

New Module

A new introduce to handle the NEFT transaction which return with fresh UTR No. As of now if the transaction is Failed or Returned with the same UTR then GFMS reset the limit and adjust the transaction. There will be common adjustment module for all the modules 3 payments but for Monitoring payment only limit will reset and for other two payment type reversal will also take place. There will maker checker concept for single & bulk reversal. Before initiating the reversal transaction check the BOD process is completed on the CBS side.

Before EOD

In the Adjustment module, all pending NEFT transactions (whose statuses are not updated due to fresh UTR) will be displayed. The Ops team can manually mark these transactions as either Successful or Returned by entering the fresh UTR. This scenario applies before EOD. If the transaction is returned before EOD then no need to transfer returned amt to UDD.

There will be a provision to mark the records in bulk, for which a template will be available at the application level.

After EOD:

If a transaction is returned with the same UTR after the EOD, then the returned amount

should be transferred to the UDD account at BOD, and its status should be marked as a Reversal Transaction.

Note- If a NEFT transaction has been successfully initiated from the bank side, it should be displayed as deemed successful everywhere in the GFMS system, instead of showing as pending

Use Case Diagram - Adjustment/Return

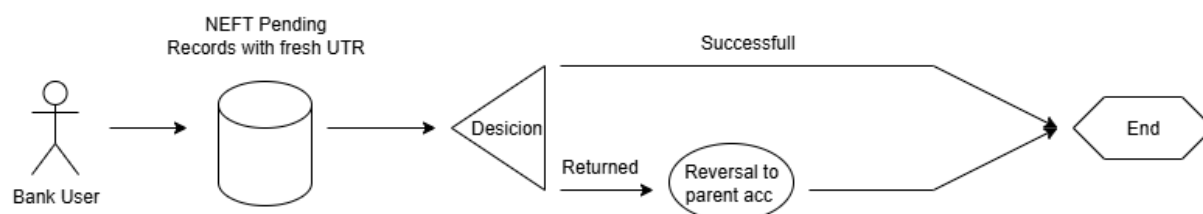


Figure: Use Case Diagram – Adjustment/Return

2.1.21 Sweep Master

In case of a technical error, sweep execution will not take place. A message will pop up on the Sweep Master stating:

“There is a technical error transaction in the queue. Please clear it first before executing the sweep.”

After the EOD time, no payments can be initiated or approved. There will be a 30-minute cooling period for the transactions that have already taken place, allowing their statuses to be updated.

In case, the sweep is successful for only partial accounts (Example: for 10 ULB accounts out of the total 20 ULB accounts), these pending sweep requests will be queued and available in a front-end screen for manual re-trigger by the Operations team.

Post manual re-trigger, Sweep will be executed for only the remaining ULB accounts. The system should first call the Transaction Inquiry API after a manual re-trigger.

If the transaction is not available in the CBS, then the system should proceed to call the Transaction API to re-initiate the transaction

2.1.22 Limit Master

Fund allocations will be available for export and each individual allocation fund, as well as the consolidated fund allocation for the financial year, will be included.

On BOD, via service, the limit will be set against the ULB OD accounts. The limit will be equal to the unutilized balance of the respective ULB.

In case, due to any specific reason, the limit is not set, the Ops team can trigger the limit from the Limit Master module for the ULB whose limit was not set in CSB due to technical failure.

The limit balance cannot be changed by the Ops user; it will only be a read-only field. An audit trail will be maintained to keep track of the limit set for each day.

GFMS will need to check the CBS BOD status before proceeding to call limit update API.

2.1.23 Dashboard

An Interest Credit bar graph has been added to the dashboard so that UDD users can view the interest credited to the account for the current financial year as well as the previous financial year.

2.1.24 Division/Zone Limit Master

A new module will be introduced for setting up the limits of Divisions and Zones. The provision for setting these limits will be given to ULBs, who can set limits only for their respective children. UDD can set limits for ULB children. This module will also follow the maker-checker concept.

The sum of the child limits should be less than or equal to the ULB limit. The limit will be set against each child by ULB or UDD through an entry field for Division/Zone. This will be a numeric field. ULB can view the allocation of funds between the children and the remaining balance that is not allocated to any Division/Zone. Payments can be made by AMC only from this remaining balance.

Note: Only for Project Payment for AOE/IEC Limit will be common among the ULB & it's Division/Zone

For example, if a ULB has a limit of 100 and distributes 80 among its children, then the remaining 20 will be the ULB's limit, and ULB cannot spend more than 20

	ULB Name	AMC		
Sr No	Division/Zones	Limit		
1	Division 1	10		
2	Division 2	20	ULB Utilized Fund	100
3	Division 3	20	Distributed Fund	80
4	Zone 1	20	ULB remaining balance	20
5	Zone 2	10		
	Total	80		

2.1.25 System generated alert / events

Email integration- To ensure that a transaction notification and OTP are sent to the email address if it is available.

Whenever UDD allocates funds, this event will trigger the email to the defined bank user. Fund allocation details PDF should be attached in email. We will provide the PDF format.

Incorporate Email services whenever SMS or OTP has been implemented.

Whenever a transaction fails due to any technical reason, an email notification should be triggered to the defined email ID for necessary action

Sweep execution notification(Success/Failure).

2.1.26 Reports

Limit Report

In the report, the following fields will be displayed:

- ULB Name
- Account number
- Effective Limit
- ULB Unutilized Limit
- Available Balance
- ELB Utilized Balance
- CBS Utilized Balance
- BS Utilized Balance – Utilized Balance

NOTE: - For Phase 2, please provide a copy of the current UAT database, as significant mapping changes will be required according to the Phase 2 BRD. The Phase 2 script changes can then be executed on this copy, and we will also have one backup available.

2.2 System Features & Functionalities

- **Authentication & Authorization:**

Users have to key in User id and password along with captch to login to application. GFMS, Users can access the system based on role assigned only, therefore a user can only access module they are assigned to access via roles. As GFMS is designed as Role Based Access System.

On development side GFMS designed to handle SQL injection.

Cross-Origin Resource Sharing (CORS) – Control which domains can access APIs.

Example: Restrict API access to trusted domains.

- **User Management** (Admin, Customer, Guest)

User management is done via Maker, Checker process as user with maker access can create record and another user with checker access can approve the record, users can access the system only after their record is approved.

- **Data Handling & Storage** (PII, Encryption)
- **API Integrations** (Third-party services)
- **Notifications & Alerts** (Email, SMS, Push Notifications)
- **Business Logic & Workflows**

2.3 Screens & Navigation Flow

Following Figure shows application-level Data Flow Diagram:

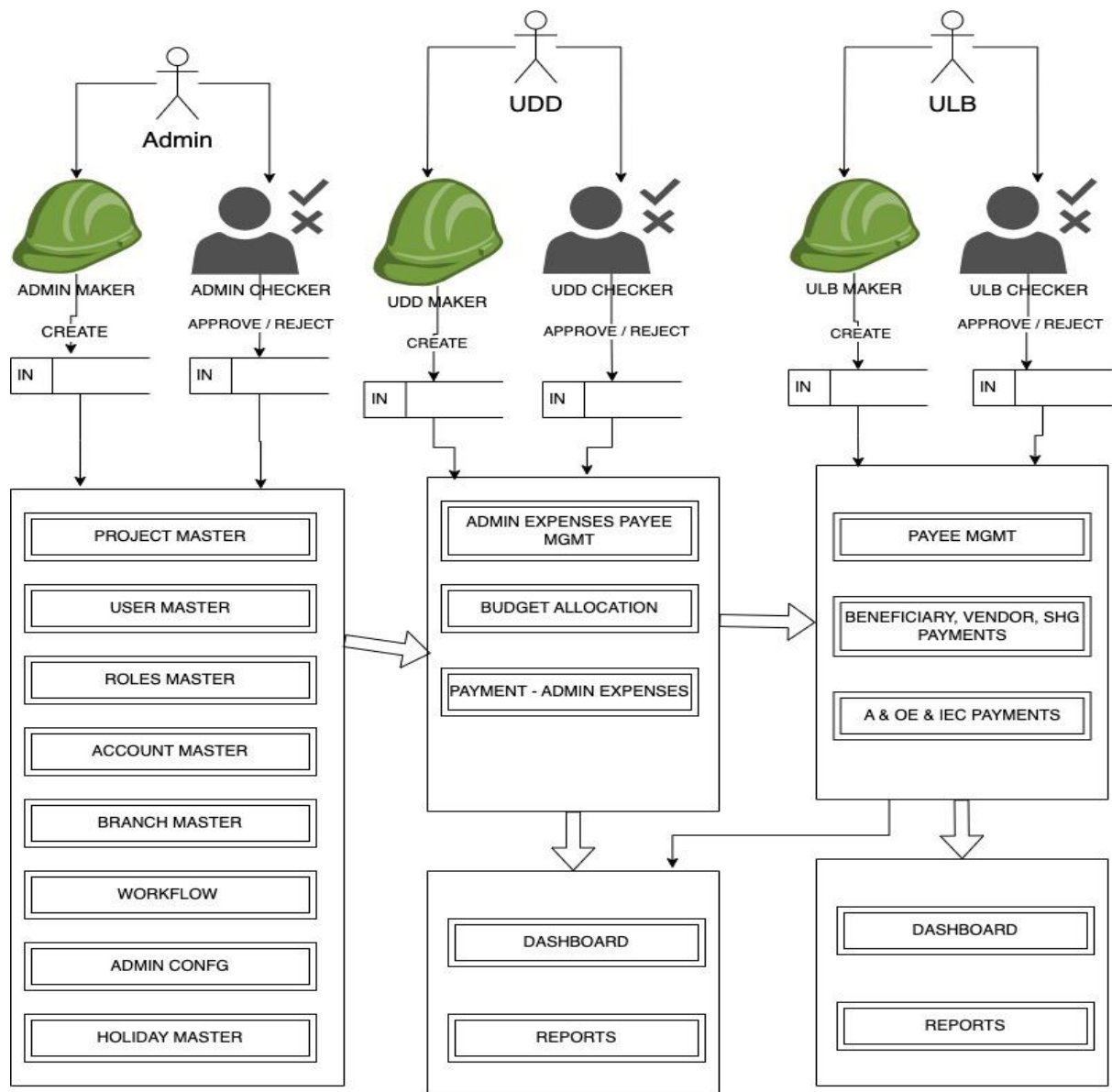


Figure: Application-Level Data Flow Diagram

2.3.1 Role Master

Following shows the UI diagram for Role Master:

Bandhan Bank

Account Manage Master Superadm Maker Logout

←

Edit Role Master

* Marked Fields Are Mandatory.

Role Name*

SupAdm Checker

Status *

Active

Search Module Name

Q

Modules	Add	Edit	View	Delete	Checker	Import	Export
Account Master	☒	☒	☒	☒	☒	☒	☒
Role Master	☒	☒	☒	☒			
User Master	☒	☒	☒	☒	☒	☒	☒
Branch Master	☒	☒	☒	☒	☒	☒	☒
Holiday Master	☒	☒	☒	☒	☒	☒	☒
WorkFlow Config	☒		☒	☒			
Project Master	☒	☒	☒	☒	☒		
Budget Master	☐	☐	☐	☐	☐		
Work Order Master	☐	☐	☐	☐	☐		☐
Admin Config Master		☒	☒		☒		
Ward Master	☐	☐	☐	☐	☐		☐

Figure: Edit Role Master

2.3.2 User Master

Following shows the UI diagram for User Master:

Bandhan Bank

Account Manage Master Superadm Maker Logout

User Master

User Name

Enter Name

Login Id

Enter Login Id

Phone

Enter Phone

User Type

All

Created By

Enter Created Name

Request Type

All

Status

Active

Created Date

DD-MM-YYYY

Search

Show 10 Entries

+

Add User

Figure: User Master

2.3.3 Branch Master

Following shows the UI diagram for Branch Master:

Following shows the UI diagram for Holiday Master:

Add Holiday Master

* Marked Fields Are Mandatory.

☒ One Day ☐ Multi Day

Date*

Holiday Type*

Holiday*

Mark Holiday As Working*

Submit

Figure: Add Holiday Master

2.3.6 Admin Config Master

Following shows the UI diagram for Admin Config Master:

Admin Config Master

* Marked Fields Are Mandatory.

Monitoring and Supervision Expenses % *	A & OE % *	IEC % *
5	1.5	1
Area Weightage % *	Tax Weightage % *	Audit Weightage % *
25	5	5
Population Weightage % *	BOD	EOD
65	10:00 AM	06:34 PM
Auth Finger Print Amount *	SHG Reserve % *	Review Status *
100	12	Edit Approved

Submit

Updated By SuperAdm on 12/02/2025 16:57:09

Figure: Admin Config Master

2.3.7 Project Master

Following shows the UI diagram for Project Master:

Bandhan Bank

Account Manage Master Superadm Maker Logout

←

Edit Project Master

* Marked Fields Are Mandatory.

Project Name *
Routine Essential Works

Project Code *
REW

Upload Office Order Letter
Choose File 20.06.24_MM-NUP_R...28e3_13-01-2025.pdf

Remarks
Test

Component/Sub Head Name *
Project Sub Head

+ Add

Component/Sub Head Name	Status	Action
Regular work	Active	
Periodic work	Active	

Submit

Figure: Project Master

2.3.8 Workflow Config

Following shows the UI diagram for Workflow Config:

Bandhan Bank

Account Manage Master Dashboard Reports Superadm Maker Logout

Workflow Config

Workflow Module *
Payments

Workflow Stage Name *

Workflow Stage Number *

Approve Button Name *

Reject Button Name *

Stage Number After Rejection

Roles Parameters
ULB Maker
SupAdm Checker
ULB Checker
Maker

+ Add

Module Name	Stage Name	Stage Number	Approve Button Name	Reject Button Name	Stage Number After Rejection	Role Name	Delete
Payments	Rejected	0			0		
Payments	Inserted	1			0	ULB Maker	
Payments	Approval Pending O	2	Approve	Reject	0	ULB Checker	
Payments	Approval PendingT	3	Approve	Reject	0	ULB Checker	
Payments	Approved	4			0		

Activate Windows + Submit

Figure: Workflow Config

2.3.9 Budget Master

Following shows the UI diagram for Budget Master:



Add Budget Master

Financial Year *

2024-2025 ▾

Approximate Budget

10000

View Calculation

Budget Allocation

SR.No	Name of the ULBs	Total Fund received (Rs. In INR)	Monitoring and Supervision Expenses	Fund to be allocated	Population	Area (sqKm)	Property Tax Collection Status	Audited Annual Accounts Status	Allocated Fund to ULBs
1	2	3	4	5	6	7	8	9	
1	Agartala Municipal Corporation	10,000.00	50.00	9,950.00	580,126	90.2140	✓	✓	4,907.64
2	Amarpur Nagar Panchayat				12,294	3.5700	✓	✓	169.94
3	Ambassa Municipal Council				16,073	14.7720	✓	✓	311.92
4	Belonia Municipal Council				21,433	5.7400	✓	✓	254.25
5	Bishalgarh Municipal Council				22,152	9.3310	✓	✓	296.43
6	Dharmanagar Municipal Council				48,822	10.6900	✓	✓	490.78
7	Jirania Nagar Panchayat				13,698	4.4500	✓	✓	188.57
8	Kailashahar Municipal Council				24,926	6.1900	✓	✓	282.53
9	Kamalpur Nagar Panchayat				12,120	10.1000	✓	✓	236.64
10	Khowai Municipal Council				21,823	6.8190	✓	✓	268.10
11	Kumarghat Municipal Council				15,223	3.5000	✓	✓	189.00
12	Melaghar Municipal Council				20,064	17.9907	✓	✓	372.34
13	Mohanpur Municipal Council				20,041	19.7750	✓	✓	390.74
14	Panisagar Nagar Panchayat				11,371	3.0000	✓	✓	157.77
15	Ranibazar Municipal Council				17,331	3.5950	✓	✓	204.23
16	Sabroom Nagar panchayat				6,954	5.0996	✓	✓	149.75
17	Santirbazar Municipal Council				15,285	9.7800	✓	✓	254.70
18	Sonamura Nagar Panchayat				13,166	4.1300	✓	✓	181.65
19	Teliamura Municipal Council				25,134	4.4500	✓	✓	265.85
20	Udaipur Municipal Council				39,071	6.1000	✓	✓	377.18
Total		10,000.00	50.00	9,950.00	957,107	239.2963	20	20	9,950.00

Submit

Figure: Budget Master

2.3.10 Ward Master

Following shows the UI diagram for Ward Master:



Add Ward Master

* Marked Fields Are Mandatory.

Ward Number *

Ward01

Ward Name *

Ward 1A

ULB *

Panisagar Nagar Panchayat ▾

Submit

Figure: Add Ward master

2.3.11 Work Order Master

Following shows the UI diagram for Work order Master:

Bandhan Bank Manage Master Reports Payments Aditya Checker Logout

Authorize Work Order Master

* Marked Fields Are Mandatory.

Project Name * Basic Urban Services

Sub Project Name * Urban Roads

Work Order Number * Bas-Urb-2025-Roads

Amount * 250000

Work order Letter * Choose File No file chosen

Download

Work Order Created By * Aditya

Work Order Approve By * Saurabh

ULB Panisagar Nagar Panchayat

Ward * W1

Work Type * Urban roads

Start Date * 24-01-2025

To Date * 01-02-2025

WO Man Days * 9

Status * Select Status

Approved

Rejected

Created by aditya maker on 24/01/2025 17:52:11

Verify

Activate Windows
Go to Settings to activate Windows.

Figure: Work order Master

2.3.12 Project Payee Master

Following shows the UI diagram for Payee Master:

Bandhan Bank Manage Master Reports Payments Aditya Maker Logout

Edit Payee Master

* Marked Fields Are Mandatory.

Payee Title * Mrs.

Payee Name * Vendor

Payee Type * Vendor

Email Id Email Id

Mobile Number * 8956520256

Address Address

Bank Name * Axis

Bank Account Number * 00202000000000000000

IFSC Code * SBIN0005943

PAN AFZPK7190K

TAN ABCD1552345K

GSTIN * 22AAAAA000

Submit

Created By Aditya maker on 24/01/2025 16:17:34

Figure: Edit payee master

2.3.13 Vendor Project Payment

Following shows the UI diagram for Project Payment for Vendor:

Bandhan Bank

Anshuman Maker Logout

Project Payments

ULB Name
Kamaipur Nagar Panchayat

Vendor*
NEFT vendor3

CGST*
10

Office order/Invoice number*
A101

MM-NUP Project Name*
Basic Urban Services
Available Limit : 1,398,255.21

Work Order*
Bas-Str-2025-lights
WorkOrder Amount : 24999953

SGST*
10

Upload Invoice/Office Order*
Choose File UploadMonitoringAn...persionPayment.xlsx

Project Sub-Head*
Street Lights

Payee Type*
☒ Vendor ☐ Beneficiary ☐ SHG

Net Amount*
100

IT*
10

Total Tax : 50

Security Deposit*
10

Remark*
Transaction added

Show 5 Entries

+ Add

Bulk Upload Payments

Search

Project Name	Project Sub-Head	Work Order	Credit A/C Number	Credit A/C Name	Job Card Number	Net Amount	IT	CGST	SGST	IGST	Sec Dep	Remark	Status	Action
Routine Essential Works	Periodic work	Rou-Per-2025-pp	789658965852558	add reject audit	TESTJOB CARD	12	0	0	0	0	0	test	Approval Pending O	

Showing 1 to 5 of 1 entries

Activate Windows

Go to Settings to activate Windows.

Page 1 of Total page 1

Figure: Vendor Project Payment

2.3.14 Beneficiary Project Payment

Following shows the UI diagram for Project Payment for Beneficiary:

Bandhan Bank

Anshuman Maker Logout

Project Payments

ULB Name
Kamaipur Nagar Panchayat

Beneficiary*
FT beneficiary

Remark*
Transaction added

MM-NUP Project Name*
Basic Urban Services
Available Limit : 1,398,255.21

Work Order*
Bas-Str-2025-lights
WorkOrder Amount : 24999953

Project Sub-Head*
Street Lights

Payee Type*
☐ Vendor ☒ Beneficiary ☐ SHG

Net Amount*
100

Job Card Number*
GFBSH-(0000157)/25/02

Show 5 Entries

+ Add

Bulk Upload Payments

Search

Project Name	Project Sub-Head	Work Order	Credit A/C Number	Credit A/C Name	Job Card Number	Net Amount	IT	CGST	SGST	IGST	Sec Dep	Remark	Status	Action
Routine Essential Works	Periodic work	Rou-Per-2025-pp	789658965852558	add reject audit	TESTJOB CARD	12	0	0	0	0	0	test	Approval Pending O	

Showing 1 to 5 of 1 entries

Activate Windows

Go to Settings to activate Windows.

Page 1 of Total page 1

Figure: Beneficiary Project Payment

2.3.15 SHG Project Payment

Following shows the UI diagram for Project Payment for SHG:

The screenshot shows the 'Project Payments' form in the Bandhan Bank system. The form is titled 'Project Payments' and includes the following fields and options:

- ULB Name:** Kamalpur Nagar Panchayat
- MM-NUP Project Name:** Routine Essential Works (with an available limit of 5,915,978.13)
- Sub-Head:** Regular work
- Payee Type:** Vendor, Beneficiary, SHG (SHG is selected)
- SHG:** shg
- Work Order:** Rou-Reg-2025-regSHG (with a work order amount of 900)
- Amount:** 50 (with an SHG Reverse Amount of 50)
- Remark:** Transaction added

At the bottom, there is a 'Show' dropdown set to 5, a 'Entries' label, and a red '+ Add' button.

Figure: SHG Project Payment

2.3.16 A&OE and IEC Payee Master

Following shows the UI diagram for A&OE and IEC Payee Master:

The screenshot shows the 'Add A & OE and IEC Payee Master' form in the Bandhan Bank system. The form is titled 'Add A & OE and IEC Payee Master' and includes the following fields and options:

- Payee Title:** Ms.
- Payee Name:** Test
- Payee Type:** A & OE
- Email Id:** Email Id
- Mobile Number:** 9809985620
- Address:** Address
- Bank Name:** Bandhan
- Bank Account Number:** 0020520252000250
- IFSC Code:** BDBL0001253
- Aadhaar Number:** 789465252552

At the bottom right, there is a red 'Submit' button. A note at the top right states: '* Marked Fields Are Mandatory.'

Figure: Add A&OE and IEC Payee Master

2.3.17 A&OE and IEC Payments

Following shows the UI diagram for A&OE Payments:

Bandhan Bank

Manage Master ▾ Dashboard ▾ Reports ▾ Payments ▾ Anshuman Maker Logout

A & OE and IEC Payments

ULB Name: Kamalpur Nagar Panchayat

Payee Type*: A & OE

Select Payee*: Ms.AOE1

Amount*: 100

Remark*: Transaction added

Available Limit : 354,859.00

Show 5 ▾ Entries

+ Add

Figure: Add A&OE Payment

Following shows the UI diagram for IEC Payments

Bandhan Bank

Manage Master ▾ Dashboard ▾ Reports ▾ Payments ▾ Anshuman Checker Logout

A & OE and IEC Payments

ULB Name: Kamalpur Nagar Panchayat

Payee Type*: All

Select Payee*: --Select--

Amount*: Amount

Remark*: Remark

Show 5 ▾ Entries

+ Add

Bulk Upload Payments Search

Payee Type	Payee Name	Amount	Remark	Status	Verify
A & OE	Ms.AOE1	100	Transaction added	Approval Pending	✓ ✗

Figure: Add IEC Payment

2.3.18 Monitoring and Supervision Payee Master

Bandhan Bank

Manage Master ▾ Dashboard ▾ Reports ▾ Payments ▾ Udd User Logout

Edit Monitoring and Supervision Payee

* Marked Fields Are Mandatory.

Payee Title*: Mrs.

Payee Name*: Akash

Email Id: Email Id

Mobile Number: Mobile Number

Payee Type*: Beneficiary

Address: Address

Bank Name*: Bandhan bank

Bank Account Number*: 0025698565202

IFSC Code*: GFB50000157

Job Card Number*: GFBSh-(0000157)/25\02

Submit

Created By UDD User on 11/02/2025 18:43:05
Updated By udd Checker on 11/02/2025 18:44:00

Figure: Edit Monitoring and Supervision Payee

2.3.19 Monitoring and Supervision Payments

Bandhan Bank

Manage MasterDashboardReportsPaymentsUdd UserLogout

Monitoring and Supervision Payments

SNA Account NameAgartala Main SNA

Payee Name*Mrs.Job new changes

Net Amount*100

Remarks*Transaction added

Available Limit : 1,199,778.00

Job Card Number*GFBSH-(0000157)/25\02

Show 5 Entries

Add

Bulk Upload PaymentsSearch

Payee Name	Credit Account Number	Credit IFSC	Net Amount	IT	CGST	SGST	IGST	Sec Dep	Job Card Number	Remark	Status	Action
Ms.Admin Vendor payee	2025232025202	GFBS0000157	1	1	1	1	1	1	TESTJOBBCARD	1	Approval	
Mrs.Job new changes	0025698565202	GFBS0000157	1	0	0	0	0	0	GFBSH-(0000157)/25\02	1	Approval	

Showing 1 to 5 of 2 entries

1Page 1 of Total page 1

Figure: Edit Monitoring and Supervision Payment

2.3.20 Dashboard

Bandhan BankLightRTL LTR

UDD User

Manage MasterDashboardReportsPaymentsLogout

Graphical View

MM-NUP Project Name

Select All

MapSatellite

Financial Year2024-2025

ULBSelect ULB

MM-NUP Fund Utilization Status

Project

Allocated Limit

Utilized Limit

Balance Limit

Sub - Head Wise Utilization

Work Order Progress Status

Project Wise Utilization

Basic Urban Services

Public Amenities and Facilities

Figure: Dashboard Graphical View

2.3.21 Project Payments Report



Manage Master ▾ Dashboard ▾ Reports ▾ Payments ▾ Anshuman Maker Logout

Project Payments Report

ULB Name
Kamalgur Nagar Panchayat ▾

Debit Account Number
Debit Account Number

Credit Account Number
Credit Account Number

From Date
DD-MM-YYYY

To Date
DD-MM-YYYY

Status
Enter Status

Search

Show 10 ▾ Entries

Debit Account Number	Debit Account Name	Credit Account Number	Credit Account Name	ULB	Amount	Taxes	Comments	Transaction Mode	Ref No	Date & Time	Status	Executed By	Action
1016000000000	ULB16	0000000000013	NEFT vendor1	Kamalgur Nagar Panchayat	20.00	View	test	NEFT	LM55043080055725	12-02-2025 08:04 PM	Pushed To Queue	ulb16maker88	i
1016000000000	ULB16	0000000000014	NEFT vendor3	Kamalgur Nagar Panchayat	101.00	View	test			12-02-2025 08:01 PM	Rejected	ulb16maker88	
1016000000000	ULB16	252025202525852	New test	Kamalgur Nagar Panchayat	101.00	View	test	Fund Trans	LM55043070042943	12-02-2025 07:58 PM	Pushed To Queue	ulb16maker88	i
1016000000000	ULB16	0000000000014	NEFT vendor3	Kamalgur Nagar Panchayat	101.00	View	Transaction added	NEFT	LM55043070055717	12-02-2025 07:52 PM	Pushed To Queue	ulb16maker88	i
1016000000000	ULB16	9856526522568	jake	Kamalgur Nagar Panchayat	1.00	View	T			12-02-2025 04:32 PM	Rejected	ulb16maker88	
1016000000000	ULB16	9856526522568	jake	Kamalgur Nagar Panchayat	1.00	View	T			12-02-2025 04:32 PM	Rejected	ulb16maker88	
1016000000000	ULB16	9856526522568	jake	Kamalgur Nagar Panchayat	1.00	View	T			12-02-2025 04:32 PM	Rejected	ulb16maker88	
1016000000000	ULB16	9856526522568	jake	Kamalgur Nagar Panchayat	1.00	View	T			12-02-2025 04:32 PM	Rejected	ulb16maker88	
1016000000000	ULB16	9856526522568	jake	Kamalgur Nagar Panchayat	1.00	View	T			12-02-2025 04:32 PM	Rejected	ulb16maker88	
1016000000000	ULB16	9856526522568	jake	Kamalgur Nagar Panchayat	1.00	View	T			12-02-2025 04:32 PM	Rejected	ulb16maker88	

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Figure:Project Payments Report

2.3.22 A&OE & IEC Payments Report



Manage Master ▾ Dashboard ▾ Reports ▾ Payments ▾ Anshuman Maker Logout

A & EO & IEC Payments Report

ULB Name
Select ULB ▾

Debit Account Number
Debit Account Number

Credit Account Number
Credit Account Number

From Date
DD-MM-YYYY

To Date
DD-MM-YYYY

Status
Enter Status

Search

Show 10 ▾ Entries

Debit Account Number	Debit Account Name	Credit Account Number	Credit Account Name	Payee Type	ULB	Amount	Taxes	Comments	Transaction Mode	Ref No	Date & Time	Status	Executed By	Action
1016000000000	ULB16	220252025202520	AOE1	A & OE	Kamalgur Nagar Panchayat	101.00	View	test			12-02-2025 08:06 PM	Rejected	ulb16maker88	
1016000000000	ULB16	253200215200255	FT payee	A & OE	Kamalgur Nagar Panchayat	10.00	View	test	Fund Trans	LM55043080042947	12-02-2025 08:05 PM	Pushed To Queue	ulb16maker88	i
1016000000000	ULB16	220252025202520	AOE1	A & OE	Kamalgur Nagar Panchayat	100.00	View	test	NEFT	LM55043080055723	12-02-2025 08:02 PM	Pushed To Queue	ulb16maker88	i
1016000000000	ULB16	0000252365220	IEC job number	IEC	Kamalgur Nagar Panchayat	101.00	View	test			12-02-2025 07:59 PM	Pushed To Queue	ulb16maker88	i
1016000000000	ULB16	0025652092558	job new	A & OE	Kamalgur Nagar Panchayat	101.00	View	test	Fund Trans	LM55043070042944	12-02-2025 07:56 PM	Pushed To Queue	ulb16maker88	i
1016000000000	ULB16	220252025202520	AOE1	A & OE	Kamalgur Nagar Panchayat	101.00	View	test	NEFT	LM55043070055718	12-02-2025 07:55 PM	Pushed To Queue	ulb16maker88	i
1016000000000	ULB16	0025652092558	job new	A & OE	Kamalgur Nagar Panchayat	1.00	View	Test			12-02-2025 04:36 PM	Rejected	ulb16maker88	
1016000000000	ULB16	0025652092558	job new	A & OE	Kamalgur Nagar Panchayat	1.00	View	Test			12-02-2025 04:36 PM	Rejected	ulb16maker88	
1016000000000	ULB16	0025652092558	job new	A & OE	Kamalgur Nagar Panchayat	1.00	View	Test			12-02-2025 04:36 PM	Rejected	ulb16maker88	
1016000000000	ULB16	0025652092558	job new	A & OE	Kamalgur Nagar Panchayat	1.00	View	Test			12-02-2025 04:36 PM	Rejected	ulb16maker88	

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Figure: A&OE and IEC Payments Report

2.3.23 Monitoring and Supervision Payments Report

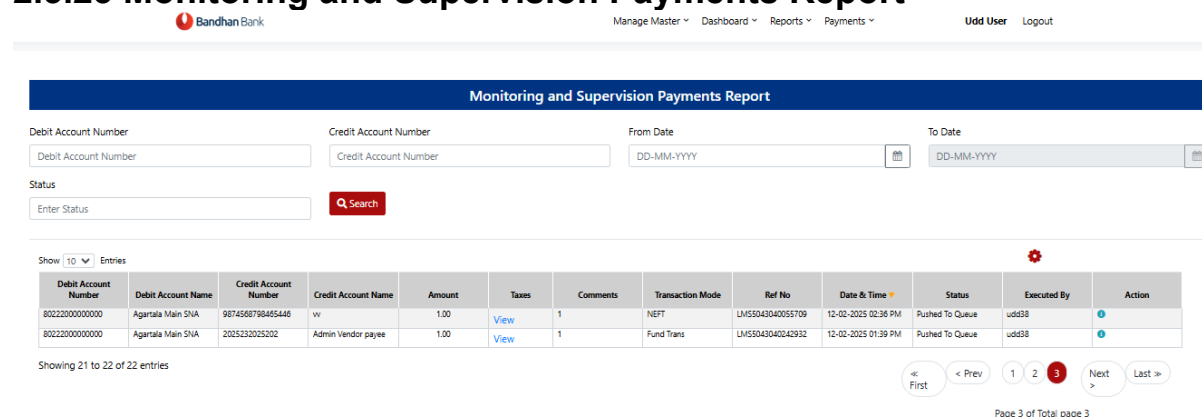


Figure: Monitoring and Supervision payments Report

2.3.24 ULB Fund Management Report

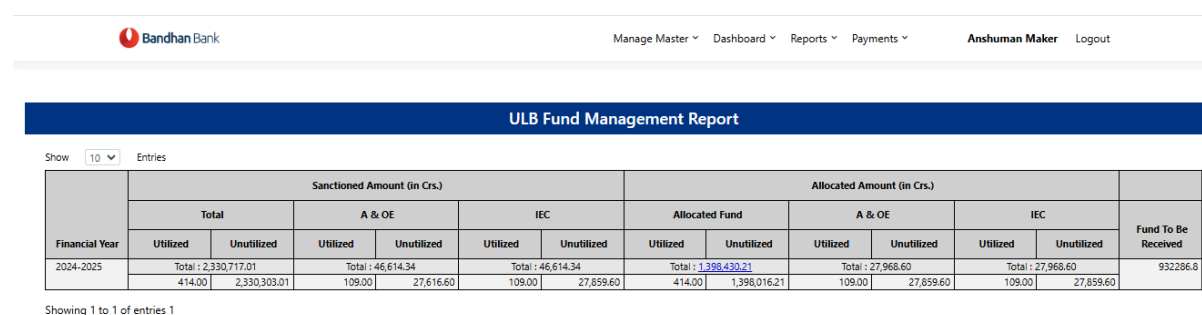


Figure: ULB Fund Management Report

2.3.25 work order Report

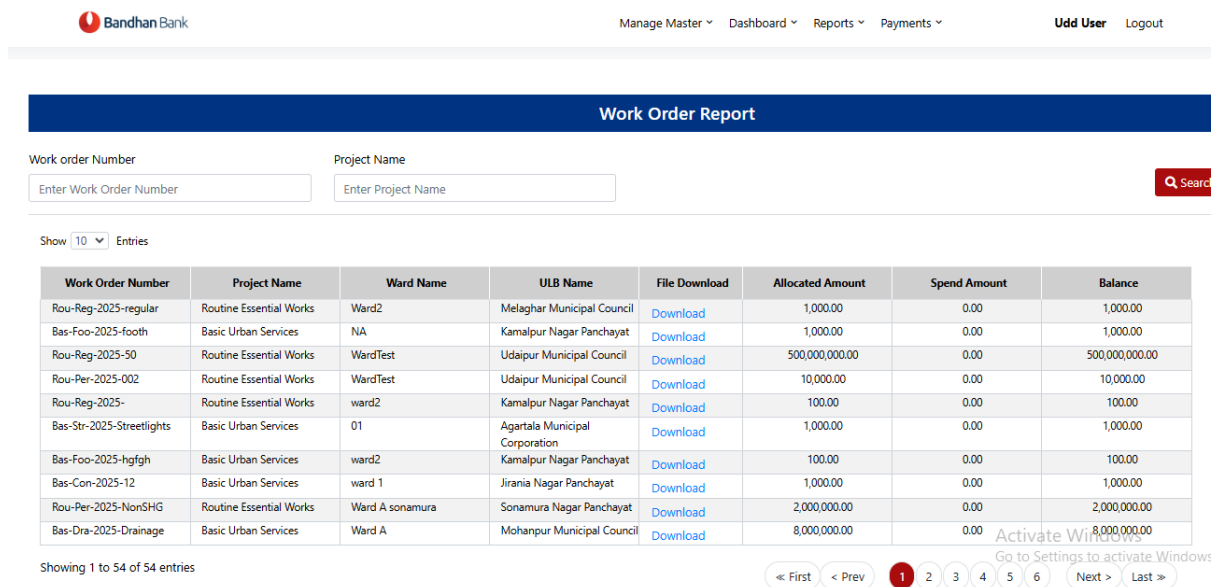


Figure: Workorder Report

2.3.26 Ward Wise Transaction and Utilization Report

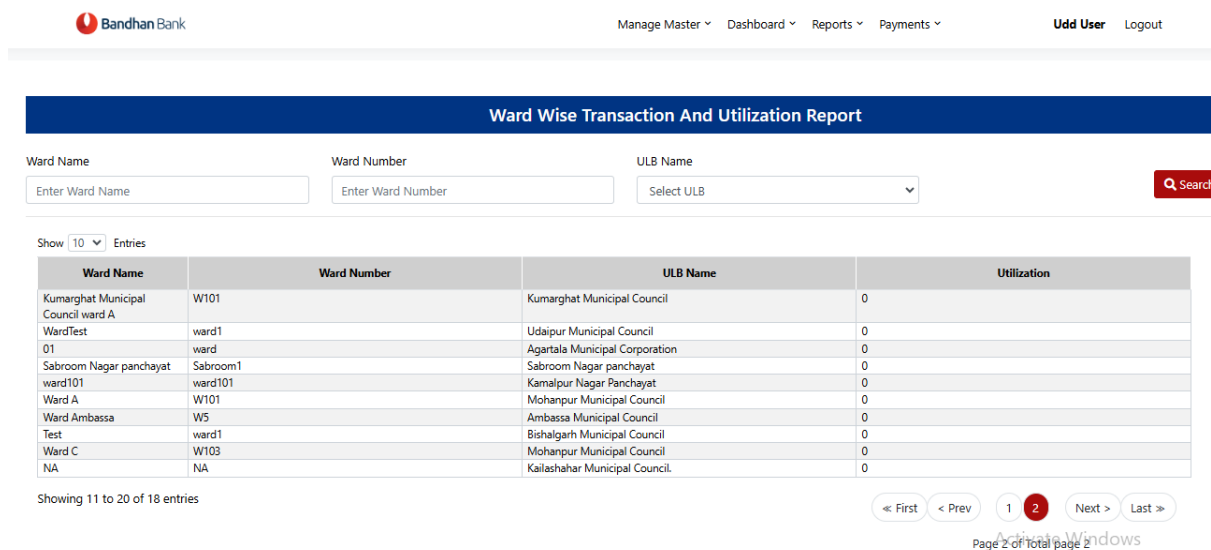


Figure: Ward Wise Transaction and Utilization Report

3. Non-Functional Requirements

- **Performance Requirements:** Response time, scalability, concurrency.
 - **Security Considerations:** Role-based access, encryption, audit logs.
 - **Availability & Uptime:** Expected SLAs
 - **Usability & Accessibility:** UI/UX guidelines, WCAG compliance.
 - **Logging & Monitoring:** Error handling, system alerts.
-

4. Integration & API Requirements

4.1 Internal APIs

[List APIs used within the system, such as Authentication, Data Fetching, etc.]

4.2 External APIs

[List third-party APIs like Payment Gateway, Email Services, etc.]

4.3 API Security

[Describe security measures such as OAuth, JWT, Rate Limiting, etc.]

5. Acceptance Criteria & Testing Guidelines

- **Success Metrics:** Define how functionality will be tested and validated.
- **Performance & Load Testing Requirements:** Specify expected system load handling.
- **User Acceptance Testing (UAT) Checklist:** Define criteria for user validation.