

SOFTWARE REQUIREMENT SPECIFICATION

For
Rate Management
Kandy MC

Version 1.4

Document Acceptance

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RATE MANAGEMENT

- This system provides Rate management functionality. That each feature has described as follows.
 1. Property Master Data
 2. New assessment feature
 3. View Premises feature
 4. Edit the Assessment feature
 5. Balance before the feature
 6. Quarter calculation feature
 7. Another special feature
 8. Rates Payment feature
 9. SMS for Rate
 10. Rates Report

1. PROPERTY MASTER DATA

This property Master module cover-up the following functionality.

- Property type management (Add new property Type)
- Divisions Management (Add new Division)
- Streets Management (Add new street)

1.1. Property type management

The screenshot shows a user interface for managing property types. At the top, there is a title 'Type of Property'. Below the title, there are two input fields: 'Property Name' and 'Property Panalty'. A green '>> Add' button is located below these fields. Below the button is a grid table with columns 'Property Name' and 'Panalty'. The grid contains the following data:

| | Property Name | Panalty |
|----|---------------|---------|
| 1 | [Select Type] | 0.00 |
| 2 | DOMESTIC | 15.00 |
| 3 | COMERCIAL | 20.00 |
| 4 | INDUSTRIAL | 20.00 |
| 5 | GOVERNMENT | 0.00 |
| 6 | EDUCATIONAL | 0.00 |
| 7 | RELIGIOUS | 0.00 |
| 8 | MARSH LANDS | 15.00 |
| 9 | PADDY FIELDS | 15.00 |
| 10 | OTHER | 15.00 |

Figure 1- Add property Type

- This form is for add new property type.
- User can insert "Property Name" and "Property Penalty".
- After clicking the add button, newly added property type will show in the grid view.
- If user need to remove property type, user can click on delete button and remove that property type. (Note! If there has any relational data with this property type, user cannot delete that property type).

- Property penalty is calculate for the relevant Quarter.
- If not penalty calculation it can be show as initial calculation.
- User can change the property penalty percentage by double clicking on the related penalty name and system display the pop-up dialog box for change penalty.
- Property penalty effect on the quarter calculation.
- Penalty range can be up to 1-100.

1.2. Divisions Management

The screenshot shows a software interface titled "Ward Manager (Division)". At the top, there is a text input field labeled "Division Name" and a green ">> > Add" button. Below these are two tables. The first table has a header row "Division_ID" with alternating colors (orange and blue). The second table lists division IDs from 3701 to 3712. The row for 3701 is highlighted in orange, while others are in blue.

| Division_ID |
|-------------|
| 3701 |
| 3702 |
| 3703 |
| 3704 |
| 3705 |
| 3706 |
| 3707 |
| 3708 |
| 3709 |
| 3710 |
| 3711 |
| 3712 |

Figure 2- Add new division

- This form for add new divisions.
- User can insert “Divisions Name”.
- After click on “Add” button newly added division shows in grid.

1.3. Streets Management

The screenshot shows a software interface titled "Street Manager". It includes fields for "Street Name", "Street ID", and "Division" (with a dropdown menu "Select Div Id"). Below these is a green ">> > Add" button. The main area is a grid table with columns: St ID, Street Name, and Div ID. The grid lists numerous street names and their corresponding division IDs. The row for "AMR" is highlighted in orange, while others are in blue.

| St ID | Street Name | Div ID |
|-------|--------------------------------|--------|
| AHR | ALUTHHENNA ROAD RIGHT | 3711 |
| ADL | AMANDOLUWA MAIN ROAD LEFT | 3711 |
| ADR | AMANDOLUWA MAIN ROAD RIGHT | 3711 |
| AML | AMUNA ROAD LEFT | 3710 |
| AMR | AMUNA ROAD RIGHT | 3710 |
| BTL | BASE LINE ROAD LEFT | 3710 |
| BEL | BASE LINE ROAD LEFT | 3711 |
| BTR | BASE LINE ROAD RIGHT | 3710 |
| BER | BASE LINE ROAD RIGHT | 3711 |
| B9L | BODHIYA ROAD LEFT | 3709 |
| B9R | BODHIYA ROAD RIGHT | 3709 |
| KSL | CANADA MITHRA MAWATHA LEFT | 3705 |
| KSR | CANADA MITHRA MAWATHA RIGHT | 3705 |
| KML | CANADA MITHRATHWA MW LEFT | 3711 |
| KMR | CANADA MITHRATHWA MW RIGHT | 3711 |
| GKL | CONDRADPREMATHIRATHNA MW LEFT | 3706 |
| GKR | CONDRADPREMATHIRATHNA MW RIGHT | 3706 |
| 7KL | CONDRED PREMATHIRATHNA MW LEFT | 3707 |
| 7KR | CONDRED PREMATHIRATHNA MW RIGH | 3707 |
| DWL | DICKWELA ROAD LEFT | 3711 |
| DWR | DICKWELA ROAD RIGHT | 3711 |
| GRI | GAMAMEDA PARAI LEFT | 3702 |

Figure 3- Add new street

- This form for add new Streets.
- User can insert “Street Name”, “Street ID” and select “Divisions”.
- After click on “Add” button newly added streets will shows in following grid.
- If Property Street is already use the property user cannot remove that street.
- User can edit the street name.
- If street change, not change the old report details.

2. NEW ASSESSMENT FEATURE

- The new assessment feature facilitates to add new property.
- In this module user can do following functionality.
 1. Add for the current quarter
 - i. Add new property details
 - ii. Add owner details
 2. Add for a future quarter
 - i. Add new property details
 - ii. Add owner details

2.1. Add for new property

2.1.1. Add new Property details

The screenshot shows a web-based form titled "New Assessment Registration - For Cuurent Quarter". The form is divided into two main sections: "Property Details" and "Owner Details". Under "Property Details", there are several input fields and dropdown menus. The required fields are indicated by a red asterisk (*) next to the field labels. At the bottom of the form are two buttons: "Clear" and "Add New Property".

Figure 4- New Assessment Registration for current quarter- Property details

- This form adds new property details for current quarter new assessment registration.
- User can insert the “Annual Value”, “Absolute No”, “Description” and select the “Division”, “Side”, “Street Name”, “Rate Per Year”(managed by Admin) and “Property Type”.
- When the user clicks the clear button, the whole data will disappear.
- Custom Number automatically generated and used for further tasks.

- The “*” mean required data, that data should be wanted and the user not filling that data can't go to the next step.
- After adding the property details, the user can click the “Owner details” tab.
- Divisions are divided according to the subject officers.
- According to the user, system will display relevant division when the system loaded.

| Checking Officer | Section | Division Number |
|------------------|---------|---------------------|
| ACO-I | AC/01 | 1/3/10/18 |
| | AC/04 | 6/12/16/19 |
| | AC/05 | 2/13/14/15 |
| | | |
| ACO-II | AC/02 | 7/9/17/22 |
| | AC/03 | 4/5/8/23 |
| | AC/06 | 11/20/21/government |

2.1.2. Add Owner details for the property

The screenshot shows a web-based form titled "New Assessment Registration - For Current Quarter". At the top, there are two tabs: "Property Details" and "Owner Details", with "Owner Details" being the active tab. Below the tabs, there are five input fields: "Owner Name" (with a dropdown menu showing "Select 1"), "NIC/Ref No", "Address", "Mobile", and "Home". To the right of the "Address" field is a file upload area with a "Browse" button. At the bottom of the form, a note says "* Required Fields". At the very bottom are two buttons: "Clear" and "Add New Property".

Figure 5-New Assessment Registration for current quarter- Owner details

- This from for add owner details
- The user can select the honorary title and insert the “Owner Name”, “NIC/Ref No”, “Address”, “Mobile” and “Home” and upload the picture of the owner.
- If many users owner for the one property user can enter the owner name one by one using the coma.

- Mobile number important for the send notification after the payment and inform the Arrears K form notifications.
- Before the click “Add New Property” User must fill the all details.
- User cannot enter the same customer number and cannot be duplicate Division, Street and Assessment number.
- When the user click the clear button whole data will be cleared.
- Then the user click the “Add new property”, user can add to the new property details.
- System automatically save the details of property details entered user.
- The “*” mean required data, that data should be wanted and user not filling that data he can’t go to the next step.
- When adding the new property or edit the property, system should be facilitate to select the following information from the File Number.
 - ADT
 - VBA
 - Physical Chargers
 - VL
- System should calculate the total penalty amount, date from upload the Building document (VBA) referenced from planning section.
- Approved print of after upload the “A” sheet from the relevant section, it must go through the up to ACO for submit through the relevant section.
- Also system display the “Assessment Details for A sheet” interface.
- When submit the A sheet, its numbering should be as follows.

Ex:- AC-01/2023/01

AC-01/2023/02

Figure 6- Assessment details for A sheet

- After successfully adding the property and owner details system facilitates the option to enter the Assessment details for “A sheet”.
- User has to enter the “Section”, “Fill Number”, “Configuration Number”, Configuration Date, Date, Page No, remarks details.
- Then the user click the “Update” button.
- Added details are moved into the Rate approval process.



- User clicks the Rate approval and views the “Rate approval Manager window.”
- There are four approvals.
 - Checking officer approval
 - CC Approval
 - AO Approval
 - Account Department Approval.
- To complete the approval process above four people must have to approve the property details.

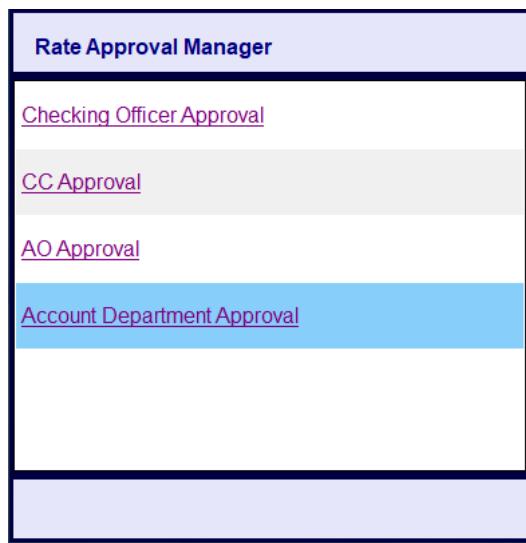


Figure 7-Rate approval

- According to the approval, the system adjusts the amount of debit and credit related property numbers.
- Also user can view the details of approval through the payment history.

-
- **Checking Office Approval**
 - When the user edits the property details, those details are moved into a pending approval for the Checking Office Approval
 - Then the Checking Office can view the pending approval list.
 - User can approve or reject the approval request.
 - If the user clicks the approve user has to add a comment for approval.

➤ **CC Approval**

- After Checking Office Approved the property details and that details are moved in to as pending approval for the CC Approval
- Then, CC can view the pending approval list.
- There is an option to approve or reject the approval request.
- If the user clicks the approve user has to add a comment for approval.

➤ **AO Approval**

- After CC approves the property details, details are moved in as pending approval for the AO Approval.
- Then, AO can view the pending approval list.
- After selecting an approval request can make Approve or Reject.
- If the user clicks the approve user has to add a comment for approval.

➤ **Account Department Approval.**

- After AO approves the property details, details are moved in as pending approval for the Account Department Approval.
- Then the Account Department can view the pending approval list.
- After selecting an approval request can make Approve or Reject.
- If the user clicks the approve user has to add a comment for approval.
- After the Account Department approves the edited property details, the approval process is completed.
- According to the requirements of the council, “A sheet” will be generated as follows.
- And also the system will automatically generate the Amount to be paid forward from configuration date.

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 දිනය :- 2023-03-20

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Figure 8- Property Assessment details report

2.2. Add new property for a future quarter

New Assessment Registration - For Future Quarter

Property Details Owner Details

Division : [Select] * Side : [Selected Side] *

Street Name :

Assessment No :

Rate Per Year : Select Rate % *

Property Type : [Selected Type] * Annual Value :

Absolute No :

Description :

* Required Fields

Clear Add New Property

Figure 9- New Assessment Registration for future quarter

- This form adds new property details for future quarter new assessment registration.
- User can insert the “Annual Value”, “Absolute No”, “Description” and select the “Division”, “Side”, “Street Name”, “Rate Per Year” and “Proper Type”.
- If many users own the same property, users can enter the owner name one by one using the comma.
- Mobile number important for the send notification after the payment and inform the Arrears K form notifications.
- Before the click “Add New Property” User must fill in all the details.
- User cannot enter the same customer number and cannot duplicate Division, and Street number.
- When the user clicks the clear button, the whole data will disappear.
- Then the user clicks the “Add new property”, user can add to the new property details.
- System automatically saves the details of property details entered by the user.
- The “*”mean required data, that data should be wanted and the user not filling that data he can't go to the next step.
- System facilitates adding the property details for the future quarter and no billing will be done.
- Add for future quarter function features are the same as the current quarter.
- But not calculate the quarter amount.

3. PROPERTY SEARCH

The screenshot shows the 'Property Search Dashboard' window. On the left, there are three search options: 'Common Search' (selected), 'Search By Custom Number', and 'Search By Person'. Under 'Common Search', fields include 'Division' (dropdown), 'Street Name' (dropdown), 'Assessment No' (text input), 'Description' (text input), 'Side' (dropdown), 'Type of Property' (dropdown), and 'State' (dropdown). To the right is a large, empty table with columns: Custom No, Owner Name, Assessment No, Type, Description, Rate, Annual Value, and Quater Amou. At the bottom, there are several buttons: 'Search' (highlighted in orange), 'New Property', 'Future Quarter', 'Property Overview', 'Edit Property', 'Property Balance', 'Payment', and 'Payment Next Year'.

Figure 10- Property search

- This form for property search
- There are three ways to the property searching

➤ **common search**

- The user selects the “Division”, “Street Name”, “Side”, “Type of Property” and “State”
- User can insert the “Assessment No” and “description” on the form and click the “Search button” and the user can find the information for each person.
- If user don’t need to fill everything, only “Division” and “Street Name” are enough for the finding system

By Division, street, property no

- User can search the property details list using division (a dropdown box within the option of division number), street name, and property Number.

By Description

- System facilitates the user to get the result of property details searching by the Description.
- When the user doesn't know the full description, can write between the percentage marks and the knowing description (ex: - %Perera%).

By Property Type

- System facilitates the user to get the result of property details searching by the Property Type.
- Property Types are included in the drop-down menu.

➤ **search by customer number**

- The “Customer Number” is the only inserting option in this field
- After the insert the customer number user can search the details by clicking the “Search” button.

➤ **search by person**

- The user enters the “Customer Name” and “NIC”.
- When the user doesn’t know the full name he can write between the percentage marks and the knowing name (ex: - %Perera%).

4. VIEW PREMISES FEATURE

The screenshot shows a web-based application for viewing premises details. At the top, there's a search bar with 'Premises ID : *37113JR022' and a 'Search' button. Below the search bar, the premises ID is displayed again in blue text: *37113JR022. To the right of the ID is a red '022'. The main content area contains several data fields:

- Division :** 3711 **Side :** INE RIGH
- Street Name :** YAWARDHANAPL
- Name :** OWNER - W.F.N. REMON SOVIS , OWNER - W.F.N. REMON SOVIS , OWNER - W.F.N. REMAN
- Property No :** 022 **Address :** 37113JR022
- Type of Property :** COMERCIAL **COMERCIAL**
- Absolute No :** 37113JR022
- Description :** TILE ROOF HOSTEL **TILE ROOF HOSTEL**
- Rate Per Year :** 15.0 15.0
- Annual Value :** 1154.00 1154.00

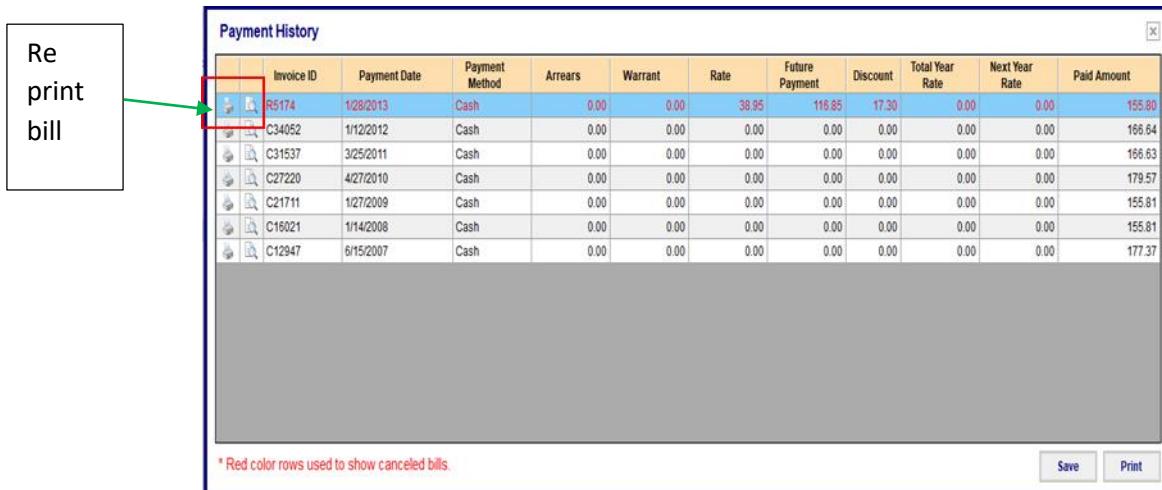
On the right side of the form, there are several buttons and links:

- Buttons:** Add to note, Print Notice of Assessment, Payment, Block, Remove, Temparaly Disable, Edit.
- Links:** Edit For Future Quarter, Add User Details, Billing Details, Payment History, Inquiry Report, Property Change History.
- Certificates:** Certificate Of Ownership, Certificate Of Non Vesting.

Figure 11-New Assessment Registration for current quarter- Owner details

- In this section user can view the property and owner details of the particular owner already existing.
- User can view premises details by searching the “Premises ID”.
- System provides the following facilities with this section.
 - View payment history
 - Inquiry Report
 - View property change history
 - Edit for future Quarter
 - Add user details
 - View billing details
 - Print certificate of ownership
 - Print certificate of Non vesting
 - Add to note
 - Print notice of Assessment
 - Blok Property
 - Remove property
 - Temporary disable property

4.1. View Payment history



| Invoice ID | Payment Date | Payment Method | Arrears | Warrant | Rate | Future Payment | Discount | Total Year Rate | Next Year Rate | Paid Amount |
|------------|--------------|----------------|---------|---------|-------|----------------|----------|-----------------|----------------|-------------|
| R5174 | 1/28/2013 | Cash | 0.00 | 0.00 | 38.95 | 116.85 | 17.30 | 0.00 | 0.00 | 155.80 |
| C34052 | 1/12/2012 | Cash | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 166.64 |
| C31537 | 3/25/2011 | Cash | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 166.83 |
| C27220 | 4/27/2010 | Cash | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 179.57 |
| C21711 | 1/27/2009 | Cash | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 155.81 |
| C16021 | 1/14/2008 | Cash | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 155.81 |
| C12947 | 6/15/2007 | Cash | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 177.37 |

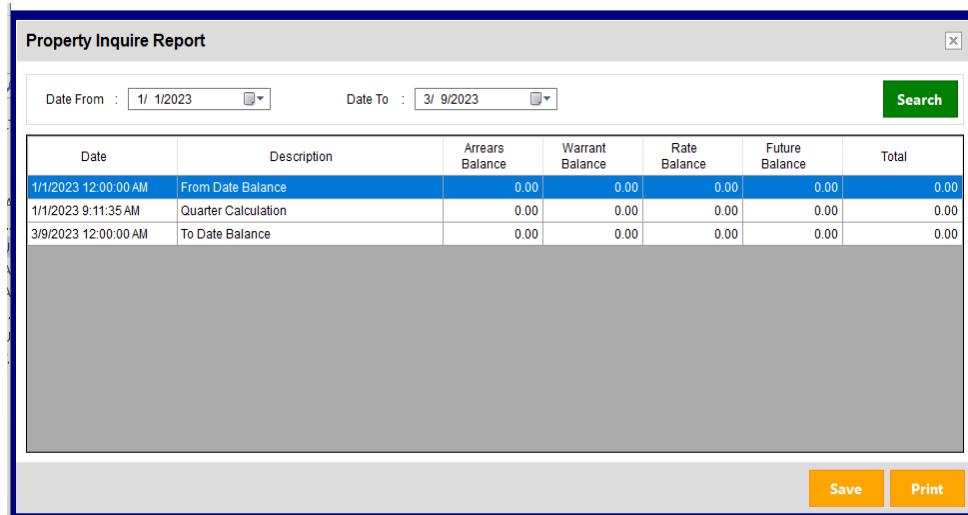
* Red color rows used to show canceled bills.

Save Print

Figure 12-View property history

- Using this frame, the user can view the payment history.
- Following details displays in the each payment history list .(Invoice Id, Payment ,Date Payment Method, Arrears ,Warrant ,Rate ,Future Payment ,Discount ,Total year rate ,Next year rate ,Paid Amount)
- User can view the “Daily receipt Tax Overview” using the view icon.
- Using the “Print” button and print icon, users can print the list of payment history reports.
- Red colored rows used to show canceled bills.
- When the print the details, do not change the details and print the same bill number.
- User can export the document using the “Save” button.

4.2. View Inquiry Report



| Date | Description | Arrears Balance | Warrant Balance | Rate Balance | Future Balance | Total |
|----------------------|---------------------|-----------------|-----------------|--------------|----------------|-------|
| 1/1/2023 12:00:00 AM | From Date Balance | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1/1/2023 9:11:35 AM | Quarter Calculation | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3/9/2023 12:00:00 AM | To Date Balance | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Save Print

Figure 13-View property inquiry report

- User can view the property inquiry report using this interface.
- If the balance is changed, this interface displays the details.
- User can get a list of details by selecting the particular date (System shows the calendar – From date -, To Date) duration from searching.
- User can save inquiry reports.
- Using the print button and print icon, users can print the list of inquiry reports.
- Following details displays in the inquiry report details list.(Date ,Description ,Arrears Balance ,Warrant Balance ,Rate Balance ,Future Balance ,Total)

4.3. View property change history

| Property Change History | | |
|-------------------------|--------------|-----------------------|
| Description | Changed Date | User |
| | | |
| Export | | Print |

Figure 14- Change property history

- This interface for viewing properties changes details from the start date of the system.
- User can view Description, Changed Date, and User Name.
- User can export the report of property change details.
- User can export the list of changed property details report.

4.4. Disable or Enable Property.

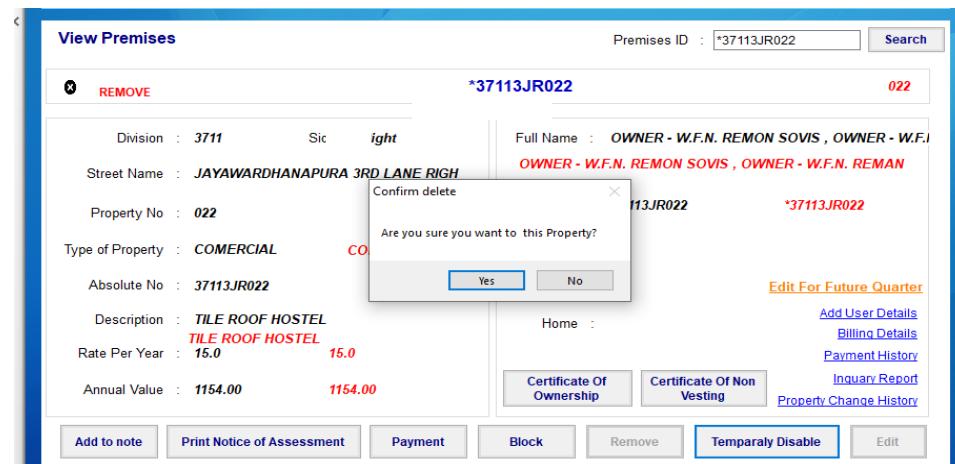


Figure 15-Confirm disable

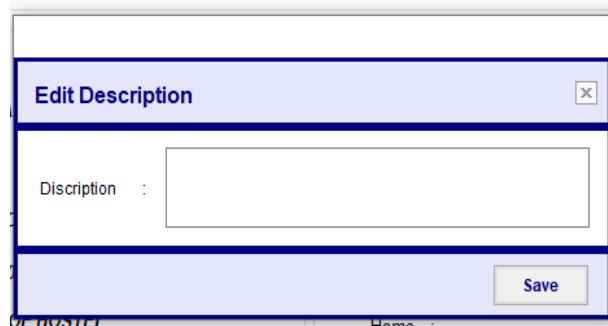


Figure 16- Edit Description

- There is an option for the temporary hold billing process of the property by clicking the temporary disable button.
- Manage the allowed users by using the user permission.
- In this case not use the property number, but keep the details by system.
- When disabling the property, stop the billing according to the quarter and stop the penalty calculation.
- But can pay and print the "K form".
- If has the arrears are related to the property, that details can print using the arrears report.
- User can add descriptions for the disabled.
- After saving the disable, the user can view the details in property change history.
- Also there is an option for enable the disabled property (Same as the enable process).
- After active the Deactivated property, there should be an option for the select permanent or temporary.

- Also there should be an option for add or not missed property quarter amount.
- If missed property warrant amount add, system should automatically calculate that all missed amount.

4.5. Remove Property

The screenshot shows a software interface titled 'View Premises'. At the top right, it says 'Premises ID : 3705KML011' and has a 'Search' button. Below this, there's a status bar with a thumbs-up icon and the word 'ACTIVE'. The main area displays property details: Division: 3705, Side: Left, Full Name: Dr test, Street Name: KU.MU. MAWATHA, Property No: 011, Type of Property: INDUSTRIAL, Absolute No: (empty), Description: (empty), Rate Per Year: 12.0, Annual Value: 15000.00, and Home: (empty). To the right of the details are several links: 'Edit For Future Quarter', 'Add User Details', 'Billing Details', 'Payment History', 'Inquiry Report', and 'Property Change History'. At the bottom are buttons for 'Add to note', 'Print Notice of Assessment', 'Payment', 'Block', 'Remove', 'Temporary Disable', and 'Edit'. A confirmation dialog box is centered over the property details, containing the message: 'If you remove this property, you cannot active it again. As well as system added * mark end of the custom number. Are you sure you want to remove this Property?' with 'Yes' and 'No' buttons.

Figure 17- Remove property

The screenshot shows a modal dialog box titled 'Edit Description'. Inside, there is a text input field labeled 'Discription' with a placeholder '(empty)'. At the bottom right of the dialog is a blue 'Save' button.

Figure 18-Remove description

- User can remove the property details using “Remove” button, and then, before the remove execution, system display the confirmation box.
- After remove the property, not calculate the quarter calculation and not process the bill.
- “K form” is not generate.
- If there is Arrears related property, those details can print using the Arrears report.
- User cannot activate removed property.
- Removed property number can use another property.
- Removed property completely remove from the system.
- System facilitate manage to user permission for the remove. But can view details of the property.
- If removed property in the mistaken, system should facilitate to option for the state of the being.

4.6. Print notice of assessment (KFORM)

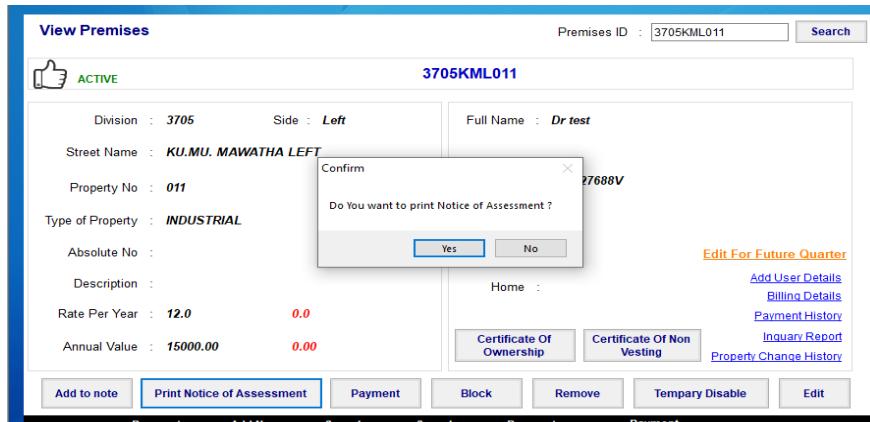


Figure 19- Print notice Assessment Confirmation

- User can print the Notice of Assessment according to the related year.
- Using the property change history option, the user can reprint the Note of Assessment.

4.7. Add Notes

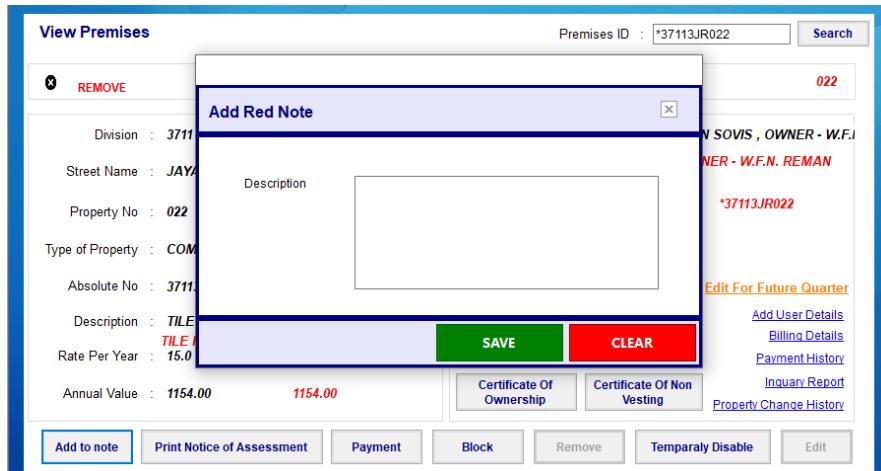


Figure 20-Add red note

- Users can add a note for a selected property using the "Add to note" option.
- After clicking the options system displays the Box to add to the red note.
- Users can describe red notes and have options of saving and clearing the note.
- Display the red not in the Property overview, Edit property, and property for the payment interfaces.

4.8. View Notes

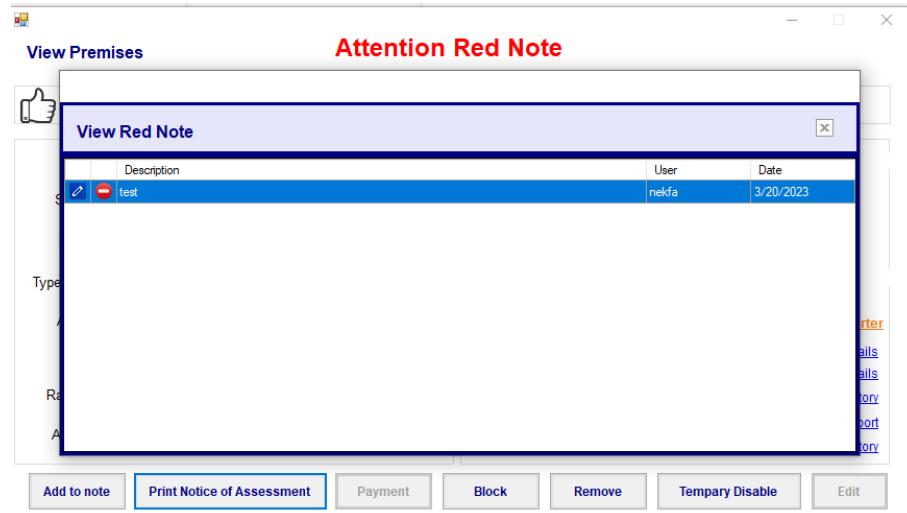


Figure 21- View red note

- User can view the red note from the Property Overview, Edit property and property for payment interfaces.
- After clicking on the "Attention Red Note," the user can edit and delete the description of the red note.
- Red note description includes details of User name and Date.

4.9. View Created User Details

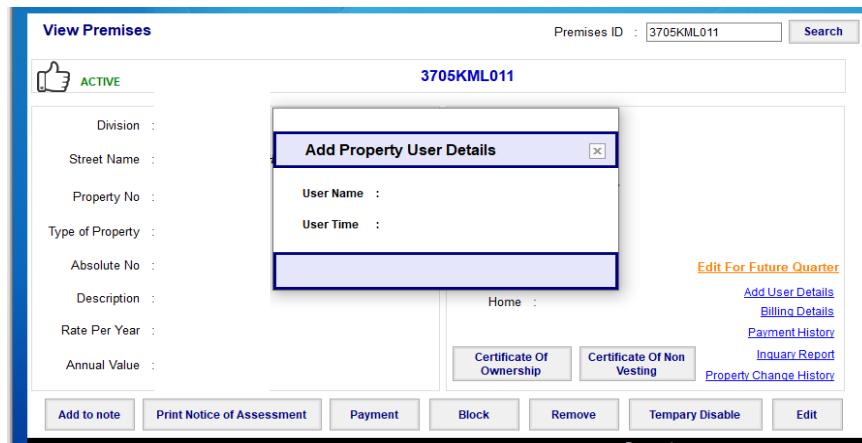


Figure 22- View created user details

- User can view the details of the created user details.
- System displays add user details as User name and User Time.

4.10. Previous Approval Details

- System facilitates to view the list of previous approvals for the selected property.
- System facilitates the get soft copy and hard copy.

4.11. Block

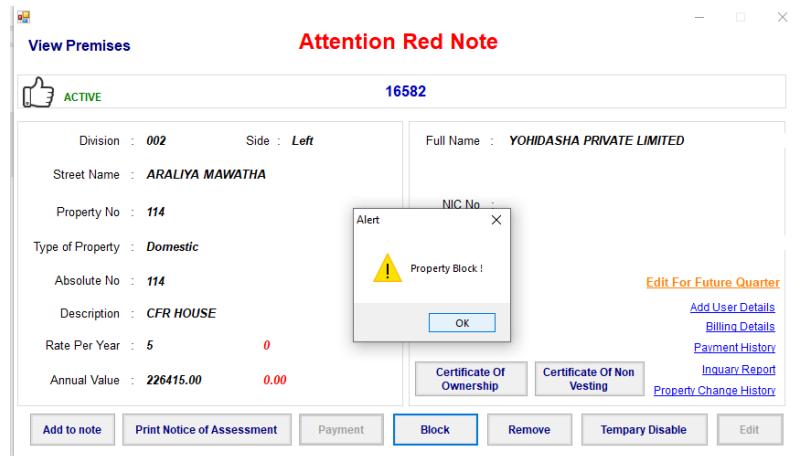


Figure 23- Block property

- After blocking the property, the user cannot Edit, Payment, Remove and Disable the property.
- Cannot do payment and not calculate quarter update.
- Also there is an option for unblocking the property.

5. EDIT ASSESSMENT FEATURE

5.1. Change all property details

| Property Details | | Owner Details | |
|------------------|--------------------------------|---------------|-----------|
| Division | : 3711 | Side | : Right |
| Street Name | JAWAWARDHANAPURA 3RD LANE RIGH | | |
| Assessment No | : 022 | Rate Per Year | : % 15.0 |
| Property Type | : COMMERCIAL | Annual Value | : 1154.00 |
| Absolute No | 37113JR022 | | |
| Description | TILE ROOF HOSTEL | | |

Figure 24-Edit assessment details

- User can change the property details already added, using this interface.

- User cannot add the duplicate property number.
- If many users own the one property, users can enter the owner name one by one using the comma.
- Mobile number important for the send notification after the payment and inform the Arrears K form notifications.
- Before the click “Add New Property” User must fill in all the details.
- User cannot enter the same customer number and cannot duplicate Division, and Street number.
- Divisions are divided according to the subject officers.
- According to the user, system will display relevant division when the system loaded.
- User can view the changed property details through property changes history.
- System automatically gathers the information for “A sheet” and generates that sheet.
- User can get the soft copy or hard copy from the system.
- User can save the edited details.
- User can edit the property details through the common search “Edit Property” button.

The screenshot shows a software application window titled 'Edit Assessment Details'. At the top, there is a search bar with 'Premises ID : 3705KML011' and a 'Search' button. Below the search bar, the text '3705 - KML - 011' is displayed. The main area contains two tabs: 'Property Details' and 'Owner Details', with 'Property Details' currently selected. Under 'Property Details', there are several fields: 'Division' (dropdown menu showing 'Left'), 'Street Name' (text input field), 'Assessment No.' (text input field), 'Property Type' (dropdown menu showing 'Save'), 'Absolute No.' (text input field), and 'Description' (text input field). To the right of these fields, there are dropdown menus for '12.0' and '0.0', and a text input field containing '15000.00'. At the bottom of this section, there is a checkbox labeled 'Update to Future Quarter' and a 'Save Details' button. A blue rectangular box highlights the 'Edit Description' dialog box, which is overlaid on the main form. This dialog box has a title 'Edit Description' and a single text input field containing a placeholder 'Description'.

Figure 25- Add edit Assessment description

- User can add the description about the edit details using this interface.
- Property changed details are updated only after the approved.

5.2. Setup for edit option for the approval status

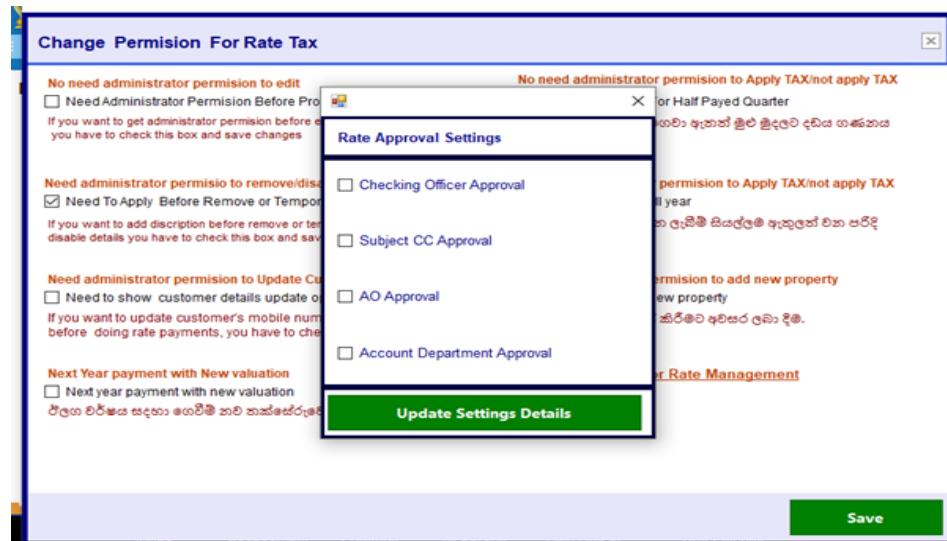


Figure 26-Setup for edit option for the approval

5.3. Property of Non resident

- System should facilitate the option, select to the property is resident or Nonresident.
- There should be Category icon for the Non – resident property.(Option for the Remark for amount of the cut off each quarter and regarding the warrant.)
- System should facilitate to get the report of property of Non-resident with following details.
 - Owner Name and Custom ID
 - Property Number
 - Street
 - Property value for Annual
 - Description of property
 - Amount of cutoff and warrant
 - Remark for approval

6. QUARTER CALCULATION FEATURE

The screenshot shows a software window titled "Quarter Update Process". Inside, a large box displays "WELCOME TO NEW QUARTER". Below it, "Current Date : 2/28/2023" and "Quarter No : 1" are shown. In the bottom right corner of the main box is a blue "Update" button.

Figure 27-Quarter Update Process

- This form for the quarter calculation feature.
- The quarter calculation is done only once for the entire system.
- Quarter calculations allow for January 1, April 1, July 1, and October 1.
- If not done, quarter calculation for the related quarter system does not allow the billing process.
- Billing, Arrears, and Assessment should calculate according to the each quarter.

Process of the quarter calculation

- only calculated active properties
- System checks whether the last quarter balance remains for the related property.
- If the balance remains, the penalty fee is calculated according to property type for full quarter.
- **Penalty fee = (Quarterly Amount* penalty)/100**
- If the corresponding quarter is active, calculate the quarter amount and add it to the current year.
- Else quarter is Inactive or Remove quarter amount is 0.
- On January 1, the amount to be paid in the last year of the process will be collected as arrears.
- If a discount has been received for the relevant property numbers, it will be reduced as payment.
- User cannot reverse after that process and all other account reports of the quarter, updated when quarter calculation.
- When clicking the “Update” button, the user can update the calculated quarter.

7. RATES PAYMENT FEATURE

The screenshot shows the 'Rates Payments' window. At the top left is a search bar with 'Custom Number : *37113JR022' and a 'Find' button. Below it is a table of basic property details:

| | | | |
|------------------|--|-----------------|---------------------------|
| Custom No : | *37113JR022 | REMOVE | |
| Full Name : | OWNER - W.F.N. REMON SOVIS , OWNER - W.F.N. REMAN SOVIS , OWNER - W.F.N. REMAN SOVIS | | |
| Division : | 3711 | | |
| Street Name : | JAYAWARDHANAPURA 3RD LANE RIGH | | |
| Property No : | 022 | Property Type : | COMERCIAL |
| Address : | | | |
| NIC No : | *37113JR022 | | |
| Description : | TITLE ROOF HOSTEL | | |
| Annual Value : | 1154.00 | | |
| Annual Rates : | 173.12 | Quarter Rates : | 43.28 |
| Last Paid Date : | 2013-01-28 | R5174 | Last Paid Amount : 155.80 |

Below this is a 'View Payment History' link. To the right is a 'Balance Details' section with tables for Arrears Payable, Warrant Costs, Year Rates, Total Due Amount, Over Payments, Received Discounts, and UpTo Quarter 1 through 4. A 'View Past Balance' link is also present.

At the bottom are dropdowns for 'Payment Type : Cash' and 'Description : [empty]', and a 'Pay' button.

Figure 28- Rates Payments

- User can view the payment window by using the Common search option.
- User can view the **basic details, balance details and regarding the amount paid** for the related property.
- Following details are displayed as basic details.
 - Custom Number
 - Full Name
 - Division
 - Street name
 - Property Number
 - Address
 - NIC No
 - Annual value
 - Annual Rate- System automatically calculate (**Annual value *Year rate/100**)
 - Quarter Rate – (**Annual rate /4**)
- Following details are displayed as the balance details.
 - Arrears Payable – Until previous year 12/31
 - Warrant Costs – Total warrant billing of the current year.
 - Year Rate – Total quarter amount for the current year (only Display the billing quarter amount for the current date).

EX: - If we are in 2nd quarter total rate show as tow quarter

- Total Due amount – Total summation of Arrears Payable, Warrant Costs, Year Rate
- Overpayment – Amount paid for future quarter or future year
- Received Discount – Discount received of current quarter

- Calculate Discount Amount as follows
 - Up to Quarter 1 - Amount for first quarter, if on January 31 or before the January 31, 5%
 - Up to Quarter 2 - Amount for the second quarter, if on April 30 or before the April 30, 5%
 - Up to Quarter 3 - Amount for the third quarter, if on July 31 or before the July 31, 5%
 - Up to quarter 4 – Amount for the entire year, if between January 1 – 31 and if paid Total amount 10% discount.
- User can view the last payment information.
- There is an option for viewing payment history details.
- As well as the system calculates the discount amount automatically considering the current rate.
- System facilitates following payment types for the payment.
 - Payment by cash
 - Payment by cheque
 - Payment by credit card
 - Do
 - Payment by online
- User has to enter the payment amount to the system.
- After saving, payment is successful, the system generates the invoice and sends SMS to the customer.
- Using the payment history user can view the details of payment by cash, Cheque, or card.

7.1. Auto discount calculation.

7.2. Ability to pay any amount

- In the rate payment section, the user can search customer details by searching Customer ID.
- The system displays the customer details and Balance details.
- Also, the system facilitates paying payment amounts by cash, cheque, or credit card.

7.3. Payment between Branches

The image shows a user interface element for selecting a location. It consists of a dropdown menu button labeled "Location" with a downward arrow icon. Below the button is a rectangular button with the text "Access To Another Location".

Figure 29-Payment between Branches

- System facilitates to user to payment between two branches.
Location – Drop-down menu
- System update report daily in related branches.

7.4. Check Online Receive Payment

View Online Transaction

View Online Payments For : All Payments -

| Payment ID | Custom Number | Customer Name | Reference Number | Card Number | Card Name | Actual Transaction Date | Pay Amount | Convenience Fee | Total Amount |
|-------------|----------------|----------------------------------|------------------------|-----------------|-----------|-------------------------|------------|-----------------|--------------|
| 41230312001 | 3706B6R106/018 | K.D.S.N. PERERA, B.D.O.L. PERERA | 6786177774145135404048 | xxxxxxxxxxx1551 | | 3/12/2023 4:13:01 PM | 130.50 | 1.31 | 131.81 |

Number of Online Payment Bills : 1

Figure 30- View online receive payment

- System facilitates the user to check the details of online payment.
- System displays the not reconciling online received payment.
- Using the search icon, the user can view the overview.
- Also there is an Accept and Reject option for the payment.
- Need automatically reconcile process for online payment

7.5. Multiple Property Payment

- User searches for the property details of the customer.
- System displays the multiple payments overview.
- User selects the Payment Type.
- User clicks the ‘Go to multiple payments’.
- Following details are displayed in the multiple payment list view.
 - Premises ID
 - Payable Amount for end of quarter 4
 - Discount for end of quarter 4
 - Pay amount
- System displays the following details.
 - Total due amount
 - Total Pay amount
- Users can select the payment method using the drop-down menu.
- Then system displays the following details
 - Receipt Number

- Amount
- System facilitates displaying all receipts.

Property Search Dashboard

| Custom No | Owner Name |
|------------------|--|
| 3702M2L1125 | W.C. KUSUMAWATHI SILVA , T.T.I.S. MAHANAMA, T.T.J. NIRMAL MAHANAMA |
| 3702M2L1125/001 | W.C. KUSUMAWATHI SILVA , T.T.I.S. MAHANAMA, T.T.J.N. MAHANAMA |
| 3702M2L1125/002 | W.C. KUSUMAWATHI SILVA , T.T.I.S. MAHANAMA, T.T.J.N. NIRMAL MAHANAMA |
| 3702M2L1125/002A | W.C.K. SILVA, T.T.I.S. MAHANAMA, T.T.J.N. MAHANAMA |
| 3702M2L1125C | K.S.D. KARUNATHILAKE |
| 3702M2L1127 | R.G.N.N. DE SILVA |
| 3702M2L1133 | K.S. DAMAYANTHI KARUNATHILAKE |
| 3702M2L1135 | A.K.SHANIKAFERNANDO |

For Multiple Payments

| Primesess ID | Payable Amount For End Of Q4 | Discount For End Of Q4 | Pay Amount |
|--------------|------------------------------|------------------------|------------|
| 3702M2L1125 | 755.17 | 29.43 | 755.17 |

Total Due Amount : 755.17

Total Pay Amount : 755.17

Payment Type :

Go To Multiple Payments

Property Overview **Edit Property** **Property Balance** **Payment** **Payment Next Year**

Figure 31- Multiple property payment

7.6. Payment for Upcoming year tax

Rates Payments For Next Year

| | | |
|-----------------------------|------|---|
| Custom Number : 3702M2L1125 | Find | You should settle this year rates before using this function..! |
|-----------------------------|------|---|

Figure 32- Rates payment for next year

- System facilitates users to pay for the upcoming years.
- User must pay for the current year, if they do next year's payment.
- System displays the following details
 - Customer Details
 - Balance Details
 - Discount
 - Amount for each quarter.
- User can view the payment history and Past Balance.
- User has to select the Payment Type, Description, and Payment amount for the payment.

7.7. Re-copy function

| Payment History | | | | | | | | | | | | |
|-----------------|-------------|--------------|----------------|---------|---------|--------|----------------|----------|-----------------|----------------|-------------|--|
| | Invoice ID | Payment Date | Payment Method | Arrears | Warrant | Rate | Future Payment | Discount | Total Year Rate | Next Year Rate | Paid Amount | |
| | R121441 | 1/31/2022 | Cash | 0.00 | 0.00 | 196.15 | 509.99 | 78.46 | 706.14 | 0.00 | 706.14 | |
| | R108382 | 1/31/2021 | Cash | 0.00 | 0.00 | 196.15 | 509.99 | 78.46 | 706.14 | 0.00 | 706.14 | |
| | R94135 | 1/25/2020 | Cash | 654.65 | 22.07 | 196.15 | 509.99 | 78.46 | 706.14 | 0.00 | 1382.86 | |
| | R65643 | 1/29/2018 | Cash | 506.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 506.32 | |
| | R66057-6157 | 1/29/2018 | DO | 148.33 | 22.07 | 147.11 | 382.49 | 58.84 | 529.60 | 0.00 | 700.00 | |
| | R35538 | 1/8/2016 | Cash | 1331.34 | 22.07 | 147.11 | 382.49 | 58.84 | 529.60 | 0.00 | 1883.01 | |
| | R4215 | 1/22/2013 | Cash | 445.06 | 15.14 | 90.86 | 272.60 | 40.40 | 0.00 | 0.00 | 823.66 | |
| | CC17200 | 12/31/2010 | Cash | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 363.46 | |
| | CC14238 | 1/31/2010 | Cash | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 363.46 | |
| | CC10128 | 1/30/2009 | Cash | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2101.78 | |

* Red color rows used to show canceled bills.

Save Print

Figure 33- Re copy function

- If the user cannot do the bill for some reason, the user can print again that bill without changing the details using the print icon.

8. OTHER SPECIAL FEATURE

8.1. Mange fields officers

| Field Officer Details | | | | |
|--|--------------------------------|--|---|------------------------|
| Officer ID : | <input type="text"/> * | Full Name : | <input type="button" value="Select"/> * | <input type="text"/> * |
| Address : | <input type="text"/> * | | Contact Number : | <input type="text"/> |
| <input type="button" value="Add New"/> | | | | |
| Officer ID | Officer Name | Address | | Tel. No |
| 752212384v | Mr K.P. MAHINDHA | 10A,THAMBITA MAWATHA | | 0783773625 |
| 532846412V | Mr A.H.ARIYAPALA AMARASENA | No-144A,Liyangamulla North,Seeduwa. | | 071-1507359 |
| 932190745V | Mr E.A. ASIRI MANOJ | NO - 55/7 SEEDUWA NORTH, SEEDUWA | | 0776978101 |
| 763030687V | Mr W.A. WASANTHA FERNANDO | 107/003, SEEDUWA SOUTH, SEEDUWA | | 0723569599 |
| 950580208V | Mr M.K.D.S. SILVA | NO 46, PUBUDU MAWATHA, KOTUGODA | | 0112291187 |
| 741822091V | Mr C.A. SAMPATH | KATUNAYAKE SEEDUWA URBAN COUNCIL | | 0773438441 |
| 683560863V | Mr RANDIKA LUXMAN MUDALIGE | KATUNAYAKE SEEDUWA URBAN COUNCIL | | 0723696050 |
| 612350116V | Mr W. SUMITH FERNANDO | NO 46, MISION HOUSE ROAD, SOUTH SEEDUWA, SEEDUWA | | 0776394898 |
| 740750330V | Mr M.A.D. YURESH CHANDANA | 916, AMUNA ROAD, SEEDUWA | | 0772420273 |
| 730022018V | Mr B.N. PRIYADARSHANA FERNANDO | NO 406A/4, RADDOLUWA, KOTUGODA | | 0777956050 |

Figure 34-Add field Officer Details

- This form for manage fields officers.
- Then the user enter to the “Officer ID”, “Full Name”, “Address”, “Contact Number” and the select the honorary title with the “Full Name”.
- When the user click the “Add New” that data will be save.

8.2. Bill issue for the Field officers

Payment Field Officer

Field Officer ID :

932190745V

Field Officer Name : Mr E.A. ASIRI MANOJ
Address : NO - 55/7 SEEDUWA NORTH, SEEDUWA
Payment Date : 3/9/2023
Payment Type :
Payment Amount :
Description :

Figure 35- Payment Field Officer

- System facilitates the user to issue a bill for the field officer using this interface.
- User searches field office details by searching the field Officer ID.
- Then the system displays the Field officer details, and the user has to select the Payment Type, Payment amount, and Description of the payment.
- User can save and clear the details.

8.3. Update Credits for property

The screenshot shows the 'Rates Payments' window. At the top, there is a search bar with 'Custom Number : 3705KML011' and a 'Find' button. Below the search bar, the 'Custom No' field contains '3705KML011' with the status 'ACTIVE' and a thumbs-up icon. The main data area displays the following details:

| | |
|------------------|--|
| Full Name | : Dr test |
| Division | : 3705 |
| Street Name | : KU.MU. MAWATHA LEFT |
| Property No | : 011 |
| Address | : test |
| NIC No | : 791627688V |
| Description | : |
| Annual Value | : 15000.00 |
| Annual Rates | : 1800.00 |
| Quarter Rates | : 450.00 |
| Last Paid Date | : |
| Last Paid Amount | : 0 View Payment History |

On the right side, there is a 'Balance Details' section with the following values:

| | |
|--------------------------|------------|
| Arrears Payable | : 0.00 |
| Warrant Costs | : 0.00 |
| Year Rates | : 0.00 |
| Total Due Amount | : 0.00 |
| Over Payments | : 22017.00 |
| Received Discounts | : 0.00 |
| <i>Discounted Amount</i> | |
| UpTo Quarter 1 | : 0.00 |
| UpTo Quarter 2 | : 0.00 |
| UpTo Quarter 3 | : 0.00 |
| UpTo Quarter 4 | : 0.00 |

At the bottom, there are buttons for 'Payment Type : Credit', 'Description : ', 'Payment Amount : ', and 'Pay'.

Figure 36- Update credit for property

- User can update payment type as Credit using this interface.
- User clicks the payment.
- Then open the Rates Payment overview.
- User can select the payment type as credits.
- Also can add the Description and Payment amount.
- Then click the “Pay button.”

8.4. Update Debit for property

The screenshot shows the 'Rates Payments' window. The layout is identical to Figure 36, with a search bar for 'Custom Number : 3705KML011', an 'ACTIVE' status, and a thumbs-up icon. The main data area displays the following details:

| | |
|------------------|--|
| Full Name | : Dr test |
| Division | : 3705 |
| Street Name | : KU.MU. MAWATHA LEFT |
| Property No | : 011 |
| Address | : test |
| NIC No | : 791627688V |
| Description | : |
| Annual Value | : 15000.00 |
| Annual Rates | : 1800.00 |
| Quarter Rates | : 450.00 |
| Last Paid Date | : |
| Last Paid Amount | : 0 View Payment History |

On the right side, the 'Balance Details' section shows the following values:

| | |
|--------------------------|------------|
| Arrears Payable | : 0.00 |
| Warrant Costs | : 0.00 |
| Year Rates | : 0.00 |
| Total Due Amount | : 0.00 |
| Over Payments | : 22017.00 |
| Received Discounts | : 0.00 |
| <i>Discounted Amount</i> | |
| UpTo Quarter 1 | : 0.00 |
| UpTo Quarter 2 | : 0.00 |
| UpTo Quarter 3 | : 0.00 |
| UpTo Quarter 4 | : 0.00 |

At the bottom, there are buttons for 'Payment Type : Debit', 'Description : ', 'Payment Amount : ', and 'Pay'.

Figure 37- Update debit for property

- User can update payment type as debit using this interface.

- User clicks the payment.
 - Then open the Rates Payment overview.
 - User can select the payment type as debits.
 - Also can add the Description and Payment amount.
 - Then clicks the “Pay” button.

8.5. Cancel receipt

| Daily Receipt Summary | | |
|-----------------------|-------------|--------------|
| | Receipt No | Payment Type |
| | Paid Amount | |
| | | |

Figure 38-Daily Receipt Summary

- This form for daily receipt summary for canceled receipt.
 - User can get the cancel receipt summary report.
 - User can search the cancel recipe by selecting the Location, Date Duration, Account Year, user, Receipt Order (Ascending, Descending), and category.
 - User can Save, Print, and view the Cancel Receipt report.
 - System should facilitate to the change time of the expiration period for the issued recipe but not make the daily payment.

8.6. Add Manual Warrant for Properties

The screenshot shows a software interface titled "Manual Warrent Calculation". At the top, there are two dropdown menus: "Division : [Select]" and "Street Name : []", followed by a green "Search" button. Below these is a table with the following columns: Premises ID, Property No, Property Description, Full Name, and Annual Value. The table body is currently empty. At the bottom left of the main area is a green button labeled "Add Warent".

Figure 39-Add manual warrant for property

- This form for add manual warrant for properties
- The user insert the “Division” and “Street Name”
- After click on a “Search button” user can find the property information by using the chart.
- Then the system displays the list of property details (Premises ID, Property No, Property description, Full Name, Annual value).
- When the user clicks the “Add Warrant” he can add the warrant for the form.

8.7. Manage Bill Printer Settings

The screenshot shows a "Bill Setting Management" page. It is divided into three main sections: "Rates Bill Printing", "DO Bill Printing", and "Other Income Bill Printing".
- In "Rates Bill Printing", there are three radio button options: "Three Copy", "Single Print With Carbon Copy" (which is selected), and "Payment Receipt Assessment Tax".
- In "DO Bill Printing", there are two radio button options: "Normal Paper" (selected) and "For Printed Rate Bill".
- In "Other Income Bill Printing", there are two radio button options: "Normal Paper" (selected) and "Printed Paper with Carbon copy".
Each section has a "Save" button at the bottom right.

Figure 40- Bill setting Management

- System allows the user to manage the bill printer settings. There are options to print bills.
- Rates bill printing
- Do Bill printing
- Other income bill printing
- After setting the bill printing option, the user has to save settings using the “Save” button.

8.8. Manage K Form Printer Settings

K Form Settings

| Office Copy | Left | Top | Width | Alignment | Description | Customer Copy | Left | Top | Width | Alignment | Description |
|---|------|------|-------|-----------|---------------|---|-------|-------|-------|-----------|------------------------------------|
| <input checked="" type="checkbox"/> No of Notice | 200 | 600 | 500 | Left | | <input checked="" type="checkbox"/> Full Name | 8000 | 2200 | 5000 | Left | |
| <input checked="" type="checkbox"/> Office Print Date | 1200 | 8650 | 2000 | Left | Print Date- | <input checked="" type="checkbox"/> Assessment No | 6750 | 5000 | 2000 | Left | |
| <input checked="" type="checkbox"/> Name Mr/Mrs | 100 | 1900 | 4000 | Left | | <input checked="" type="checkbox"/> Customer Ward No | 7800 | 5000 | 2000 | Left | |
| <input checked="" type="checkbox"/> Ward No | 100 | 2500 | 2000 | Left | | <input checked="" type="checkbox"/> Name / No Of Property / Situation | 0 | 0 | 0 | Left | |
| <input type="checkbox"/> Obsolete No | 0 | 0 | 0 | Center | | <input checked="" type="checkbox"/> Annual Value | 12800 | 5000 | 2000 | Left | |
| <input type="checkbox"/> New No | 0 | 0 | 0 | Center | | <input checked="" type="checkbox"/> Quater 1 Year | 15000 | 4750 | 2000 | Left | |
| <input checked="" type="checkbox"/> Name of Street | 100 | 4800 | 4000 | Left | | <input checked="" type="checkbox"/> Quater 2 Year | 15000 | 5450 | 2000 | Left | |
| <input checked="" type="checkbox"/> Annual Value Assessed | 600 | 5750 | 2000 | Left | | <input checked="" type="checkbox"/> Quater 3 Year | 15000 | 6150 | 2000 | Left | |
| <input checked="" type="checkbox"/> Rate Payable Per 1/4 Year | 100 | 6500 | 500 | Left | | <input checked="" type="checkbox"/> Quater 4 Year | 15000 | 6900 | 2000 | Left | |
| <input checked="" type="checkbox"/> Rate of Year | 1200 | 6500 | 2000 | Left | | <input checked="" type="checkbox"/> Quater 1 Rate 1 | 17675 | 5000 | 2000 | Left | |
| <input checked="" type="checkbox"/> System Name | 0 | 0 | 0 | Left | System By NEK | <input checked="" type="checkbox"/> Quater 2 Rate 2 | 17675 | 5650 | 2000 | Left | |
| <input checked="" type="checkbox"/> Office Assessment No | 100 | 4100 | 2000 | Left | | <input checked="" type="checkbox"/> Quater 3 Rate 3 | 17675 | 6350 | 2000 | Left | |
| <input type="checkbox"/> Office Quater 1 Rate 1 | 0 | 0 | 0 | Center | | <input checked="" type="checkbox"/> Quater 4 Rate 4 | 17675 | 7100 | 2000 | Left | |
| <input type="checkbox"/> Office Quater 2 Rate 2 | 0 | 0 | 0 | Center | | <input checked="" type="checkbox"/> Customer Print Date | 8500 | 10000 | 2000 | Left | Areas, Warrant ,Year Rates up to - |
| <input type="checkbox"/> Office Quater 3 Rate 3 | 0 | 0 | 0 | Center | | <input checked="" type="checkbox"/> Arrears | 8500 | 9300 | 2000 | Left | |
| <input type="checkbox"/> Office Quater 4 Rate 4 | 0 | 0 | 0 | Center | | <input type="checkbox"/> Print By | 0 | 0 | 0 | Center | |
| <input type="checkbox"/> Penalty | 0 | 0 | 0 | Center | | <input checked="" type="checkbox"/> Customer Street Name | 8500 | 5000 | 4000 | Left | |
| <input type="checkbox"/> Office Arrears | 0 | 0 | 0 | Center | | <input type="checkbox"/> Customer Obsolete No | 0 | 0 | 0 | Center | |
| <input type="checkbox"/> Office Address | 0 | 0 | 0 | Center | | <input checked="" type="checkbox"/> Customer Premises ID | 8500 | 6000 | 2000 | Left | |
| <input type="checkbox"/> Office Mobile No | 0 | 0 | 0 | Center | | <input checked="" type="checkbox"/> Address | 9000 | 8000 | 6000 | Center | |
| | | | | | | <input checked="" type="checkbox"/> Notice Assessment | 8500 | 6200 | 5000 | Left | |

Clear **Save**

Figure 41- K form settings

- This form for the K-Form printing setting.
- The system facilitates managing Office copy and Customer copy of K form printer settings.
- The user has to mark the available details.
- User can save or clear the updated settings details.

8.9. Manage Red Notice Printer Settings

| RedNotice Printer Settings | | | | | |
|--|------|-----|-------|----------------------------------|-------------|
| Office Copy | Left | Top | Width | Alignment | Description |
| <input type="checkbox"/> Office Property No | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Office Division | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Office Street | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Office Year | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Office Quater No | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Office Arrears | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Office Due Date | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Office Full Name | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Office Notice Date | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Office System Date | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Office Order No | | | | <input type="button" value="▼"/> | |
| < > | | | | | |
| Customer Copy | Left | Top | Width | Alignment | Description |
| <input type="checkbox"/> Property No | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Division | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Street | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Year | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Quater No | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Arrears | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Due Date | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Full Name | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Address | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Notice Date | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> System Date | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Description | | | | <input type="button" value="▼"/> | |
| <input type="checkbox"/> Order No | | | | <input type="button" value="▼"/> | |
| <input type="button" value="Clear"/> <input type="button" value="Save"/> | | | | | |

Figure 42- Red notice printer settings

- User can manage the Red notice printer settings; in this functionality, the user has to mark each related detail as available.
- Also, user has to set each property. (Left, Top, Width, Alignment (Dropdown box), and Description).
- Then, the user can save or clear the setting data using the “Clear” and “Save” buttons.

8.10. Rate validation

| Validation Rate Process | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------|----------|---------------|---|---------|-------|--|-------------|----------|----------|---------|---------|---------|-------|--|--|--|--|--|--|--|--|--|
| Division : | [Select] | Year : | -Year- | <input type="button" value="Search"/> <input type="button" value="Filter"/> | | | | | | | | | | | | | | | | | | | |
| Street : | | Quater : | Select Quater | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%;">Customer No</td> <td style="width: 12.5%;">Customer</td> <td style="width: 12.5%;">Property</td> <td style="width: 12.5%;">Balance</td> <td style="width: 12.5%;">Warrent</td> <td style="width: 12.5%;">Billing</td> <td style="width: 12.5%;">Debit</td> <td></td> </tr> <tr> <td colspan="8" style="height: 100px;"></td> </tr> </table> | | | | | | | | Customer No | Customer | Property | Balance | Warrent | Billing | Debit | | | | | | | | | |
| Customer No | Customer | Property | Balance | Warrent | Billing | Debit | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

Figure 43- validation Rate process

- User can get the rate validation details by using the following details.
 - Division – Drop -down
 - Street- Drop -down
 - Year- Drop -down
 - Quarter- Drop -down
- Following details are displayed in the details of the Rate validation process.
 - Customer Number
 - Customer
 - Property
 - Balance
 - Warranties

9. SMS FOR RATE

- System sends Discount details to the Owner
- System sends Arrears details to the Owner
- System sends SMS API based.
- User can view sent SMS using SMS portal.

10. RATES REPORT

10.1. Daily Receipts

➤ View Daily Paid Receipts

| Daily Receipt Summary | | | | | | | | |
|---|--|---------------|--|----------------------------------|---------------|--------------|---------------|-------------|
| Receipt Date : | | Receipt Order | | | | | | |
| User Name : | | All User | <input checked="" type="radio"/> Ascending | <input type="radio"/> Descending | Search Report | Print Report | Export Report | View Report |
| Paid Receipt Cancel Receipt Summary | | | | | | | | |
| Receipt No | | | Payment Type | Bill Issued | Bill Owner | Paid Amount | | |
|  R134562 | | | Cash | Server | Server | 1332.67 | | |
|  R134563 | | | Cash | Server | Server | 799.62 | | |
|  R134564 | | | Cash | Server | Server | 1243.87 | | |
|  R134565 | | | Cash | Server | Server | 377.58 | | |
|  R134566 | | | Cash | Server | Server | 666.37 | | |
|  R134567 | | | Cash | Server | Server | 577.50 | | |
|  R134568 | | | Cash | Server | Server | 155.46 | | |
|  R134569 | | | Cash | Server | Server | 916.22 | | |
|  R134560 | | | Cash | Server | Server | 244.33 | | |
|  R134561 | | | Cash | Server | Server | 374.87 | | |
|  R134562 | | | Cash | Server | Server | 45560.45 | | |
|  R134563 | | | Cash | Server | Server | 10.00 | | |
|  R134564 | | | Cash | Server | Server | 1624.35 | | |
|  R134565 | | | DO | Server | Server | 15000.00 | | |
|  R134566 | | | Cash | Server | Server | 602.50 | | |
|  R134567 | | | Cash | Server | Server | 1043.92 | | |
|  R134568 | | | Cash | Server | Server | 266.54 | | |
|  R134569 | | | Cash | Server | Server | 3887.04 | | |
|  R134570 | | | Cash | Server | Server | 844.04 | | |
|  R134571 | | | Cash | Server | Server | 932.67 | | |
|  R134572 | | | Cash | Server | Server | 38.50 | | |
|  R134573 | | | Cash | Server | Server | 1832.40 | | |

Figure 44-Daily Receipt Summary

- This form for view daily paid receipt
- When the user selects the “Receipt date”, “User Name” and “Receipt Oder”

- After doing this step the user can click the “search report” button and the user can get the data according to this.
- Also, users can search, view, print, and export reports.

➤ View Daily Cancel Receipts

The screenshot shows a software window titled "Daily Receipt Summary". At the top, there are input fields for "Receipt Date" (set to 21/1/2023), "User Name" (set to "All User"), and "Receipt Order" (set to "Ascending"). A green "Search Report" button is positioned next to these fields. Below the search bar is a navigation menu with tabs: "Paid Receipt", "Cancel Receipt", and "Summary" (which is currently selected). The main area is a large gray box representing the report content, which is currently empty. At the bottom of the window are three orange buttons: "Print Cancel Report", "Export Cancel Report", and "View Cancel Report".

Figure 45-Daily cancel Receipt summary

- User can select the receipt date and search the details of the canceled receipt on the particular date.
- There is a facility to get receipt details in ascending or descending order.
- User can print the cancel report, export the cancel report, and view the cancel report.

➤ View Daily Receipt Summary Report

The screenshot shows the same "Daily Receipt Summary" window as Figure 45, but the "Summary" tab is active, displaying a detailed report of payment statistics. The report includes the following data:

| Number Of Paid Invoice | | : 69 |
|----------------------------------|---|------------------|
| Total cash Payment Amount | : | 186966.77 |
| Total Cheque Payment Amount | : | 16490.88 |
| Total Credit Card Payment Amount | : | 0 |
| Total DO Cash Payment Amount | : | 15000.00 |
| Total DO Cheque Payment Amount | : | 0 |
| Total Online Payment Amount | : | 0 |
| Total Payment Amount | : | 218457.65 |
| Bank Fee Chargers | : | 0.00 |
| Number Of Canceled Invoice | : | 0 |
| Total Canceled Payment Amount | : | 0 |

Figure 46- daily Receipt summary report

- In this section, the user can get a summary of all types of payment summary details on a particular date.
- System facilitates print, search, export, and view the summary report.

➤ View Rate Tax Daily Credit Report

Figure 47- Rate Tax current Report

- This interface for the view Rate Tax Daily Credit report.
- User has to select the payment type (Multiple select) using the drop-down menu, date duration, and division.
- Then, the user has to select the type of category.
- System fetches the search result and displays it as a list.
- User can search, view, export, and print the daily credit summary report according to the particular time. Also, the system has facilitated changes in the payment type.
- System facilitates to search, view, and print, export, save the Rate Tax Daily credit report.

10.2. Credit Summary Report

Figure 48-credit Summary report

- User can view all credit summary report details.
- User can get the details by searching the following options.
 - Time duration
 - Change Property Type
 - Receipt issue category
- The Following section is included in the Credit summary report.

➤ Credit Details

Following details are include in the credit details report

- Date
- Arrears Payment
- Warrant Payment
- Rate payment
- Overpayment
- Bank Fee
- Discount
- Paid Amount
- Credit

➤ Summary details report

Following details are included in the summary details report.

- Total Arrears
- Total warrant
- Total Yearly Rate
- Future Payment
- Total Bank fee
- Total Discount
- Total Credit

- Total Debit System facilitates the user to Export, Print, and View the Credit details and Summary details report.

10.3. Get Credit Summary Report Division wise

| Credit Summary Report Division Wise | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------|-----------------|--------------|--------------|----------|-----------|-------------|---------|---------|--|------|-----------------|-----------------|--------------|--------------|----------|----------|-------------|--------|-------|--|----------|----------|--------|----------|----------|------|---------|-----------|---------|---------|--|----------|----------|---------|----------|-----------|------|----------|-----------|---|--------|--|----------|-----------|--------|----------|-----------|------|----------|-----------|---|---|--|----------|----------|---------|-----------|------------|------|-----------|------------|---|---|--|----------|-------|------|----------|---------|------|---------|----------|---|--------|--|----------|----------|---------|----------|-----------|------|----------|-----------|---|---|--|----------|----------|--------|----------|----------|------|---------|----------|---|---|--|----------|-----------|---------|-----------|----------|------|-----------|------------|---------|---------|--|-----------|----------|---------|------------|------------|------|-----------|------------|---|---|--|-----------|-----------|---------|-----------|-----------|------|----------|----------|---|-------|--|-----------|-----------|---------|-----------|-----------|------|----------|-----------|---|---------|--|-----------|----------|---------|-----------|-----------|------|----------|------------|---|-------|--|-----------|----------|--------|----------|----------|------|---------|-----------|---|---|--|-----------|----------|--------|----------|----------|------|---------|----------|---|---|--|-----------|----------|--------|----------|-----------|------|----------|-----------|---|--------|--|-----------|----------|---------|-----------|------------|------|-----------|------------|---|---|--|-----------|-----------|---------|-----------|-----------|------|-----------|------------|---|---|--|-----------|-----------|---------|-----------|-----------|------|-----------|------------|---|---|--|-----------|----------|---------|-----------|-----------|------|----------|-----------|---|---------|--|
| <input type="text" value="From Date : 1/1/2023"/> <input type="text" value="To Date : 2/28/2023"/> <input type="text" value="Division :"/> <input type="button" value="Search Report"/> <input type="button" value="Export Report"/> <input type="button" value="Print Report"/> <input type="button" value="View Report"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="radio"/> Receipts issue from owner branch to owner branch only. (இது பாதிகள் இல்லை என்றால் சம்பந்தமாக இருப்பது இல்லை) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="radio"/> Receipts issue from owner branch to owner branch and other sub office to owner branch. (இது பாதிகள் இல்லை என்றால் சம்பந்தமாக இருப்பது இல்லை) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="radio"/> Receipts issue from owner branch to owner branch and other sub office. (இது பாதிகள் இல்லை என்றால் சம்பந்தமாக இருப்பது இல்லை) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Credit Details Summary Details | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Date</th><th>Arrears Payment</th><th>Warrant Payment</th><th>Rate Payment</th><th>Over Payment</th><th>Bank Fee</th><th>Discount</th><th>Paid Amount</th><th>Credit</th><th>Debit</th><th></th></tr> </thead> <tbody> <tr> <td>1/2/2023</td><td>82313.62</td><td>867.21</td><td>25012.75</td><td>63021.28</td><td>0.00</td><td>9530.43</td><td>171214.87</td><td>5153.82</td><td>9752.37</td><td></td></tr> <tr> <td>1/3/2023</td><td>75792.60</td><td>2377.42</td><td>77441.83</td><td>166809.58</td><td>0.00</td><td>24212.05</td><td>322221.43</td><td>0</td><td>907.31</td><td></td></tr> <tr> <td>1/4/2023</td><td>108915.12</td><td>841.94</td><td>88418.86</td><td>222929.36</td><td>0.00</td><td>34437.54</td><td>421006.28</td><td>0</td><td>0</td><td></td></tr> <tr> <td>1/5/2023</td><td>95344.45</td><td>2087.27</td><td>703184.11</td><td>1887838.13</td><td>0.00</td><td>289370.49</td><td>2689454.95</td><td>0</td><td>0</td><td></td></tr> <tr> <td>1/6/2023</td><td>44.50</td><td>1.50</td><td>21141.35</td><td>8458.92</td><td>0.00</td><td>2120.16</td><td>29646.27</td><td>0</td><td>485.14</td><td></td></tr> <tr> <td>1/7/2023</td><td>67450.68</td><td>1197.38</td><td>71243.92</td><td>185552.25</td><td>0.00</td><td>28497.51</td><td>325454.21</td><td>0</td><td>0</td><td></td></tr> <tr> <td>1/8/2023</td><td>10022.64</td><td>168.74</td><td>10263.82</td><td>26687.51</td><td>0.00</td><td>4105.75</td><td>47142.71</td><td>0</td><td>0</td><td></td></tr> <tr> <td>1/9/2023</td><td>135954.07</td><td>4816.22</td><td>267365.21</td><td>66387.39</td><td>0.00</td><td>102438.87</td><td>1071972.89</td><td>8217.38</td><td>4560.22</td><td></td></tr> <tr> <td>1/10/2023</td><td>72990.71</td><td>2172.14</td><td>1310285.01</td><td>3283572.41</td><td>0.00</td><td>507492.68</td><td>4659020.27</td><td>0</td><td>0</td><td></td></tr> <tr> <td>1/11/2023</td><td>115780.95</td><td>2643.71</td><td>108821.93</td><td>242150.91</td><td>0.00</td><td>38130.60</td><td>49397.40</td><td>0</td><td>57.88</td><td></td></tr> <tr> <td>1/12/2023</td><td>109958.20</td><td>3030.28</td><td>140069.46</td><td>339922.86</td><td>0.00</td><td>51346.31</td><td>592080.80</td><td>0</td><td>2543.51</td><td></td></tr> <tr> <td>1/13/2023</td><td>65701.55</td><td>2819.46</td><td>748201.42</td><td>193078.55</td><td>0.00</td><td>29892.19</td><td>2747480.98</td><td>0</td><td>92.30</td><td></td></tr> <tr> <td>1/14/2023</td><td>60420.90</td><td>859.67</td><td>24395.52</td><td>60253.31</td><td>0.00</td><td>8334.03</td><td>145730.40</td><td>0</td><td>0</td><td></td></tr> <tr> <td>1/15/2023</td><td>11039.76</td><td>167.13</td><td>13090.94</td><td>34036.45</td><td>0.00</td><td>5238.37</td><td>58334.28</td><td>0</td><td>0</td><td></td></tr> <tr> <td>1/16/2023</td><td>56509.67</td><td>818.93</td><td>80215.30</td><td>207738.41</td><td>0.00</td><td>31959.52</td><td>345282.31</td><td>0</td><td>163.88</td><td></td></tr> <tr> <td>1/17/2023</td><td>98604.06</td><td>1178.49</td><td>541695.49</td><td>1415440.16</td><td>0.00</td><td>218736.62</td><td>2057908.20</td><td>0</td><td>0</td><td></td></tr> <tr> <td>1/18/2023</td><td>816146.77</td><td>2931.81</td><td>272786.05</td><td>675984.67</td><td>0.00</td><td>103170.84</td><td>1768849.31</td><td>0</td><td>0</td><td></td></tr> <tr> <td>1/19/2023</td><td>124119.67</td><td>6083.38</td><td>347240.61</td><td>859911.49</td><td>0.00</td><td>129884.43</td><td>1337555.15</td><td>0</td><td>0</td><td></td></tr> <tr> <td>1/20/2023</td><td>99814.27</td><td>1399.90</td><td>142904.30</td><td>355653.93</td><td>0.00</td><td>53899.76</td><td>599572.40</td><td>0</td><td>3682.30</td><td></td></tr> </tbody> </table> | | | | | | | | | | | Date | Arrears Payment | Warrant Payment | Rate Payment | Over Payment | Bank Fee | Discount | Paid Amount | Credit | Debit | | 1/2/2023 | 82313.62 | 867.21 | 25012.75 | 63021.28 | 0.00 | 9530.43 | 171214.87 | 5153.82 | 9752.37 | | 1/3/2023 | 75792.60 | 2377.42 | 77441.83 | 166809.58 | 0.00 | 24212.05 | 322221.43 | 0 | 907.31 | | 1/4/2023 | 108915.12 | 841.94 | 88418.86 | 222929.36 | 0.00 | 34437.54 | 421006.28 | 0 | 0 | | 1/5/2023 | 95344.45 | 2087.27 | 703184.11 | 1887838.13 | 0.00 | 289370.49 | 2689454.95 | 0 | 0 | | 1/6/2023 | 44.50 | 1.50 | 21141.35 | 8458.92 | 0.00 | 2120.16 | 29646.27 | 0 | 485.14 | | 1/7/2023 | 67450.68 | 1197.38 | 71243.92 | 185552.25 | 0.00 | 28497.51 | 325454.21 | 0 | 0 | | 1/8/2023 | 10022.64 | 168.74 | 10263.82 | 26687.51 | 0.00 | 4105.75 | 47142.71 | 0 | 0 | | 1/9/2023 | 135954.07 | 4816.22 | 267365.21 | 66387.39 | 0.00 | 102438.87 | 1071972.89 | 8217.38 | 4560.22 | | 1/10/2023 | 72990.71 | 2172.14 | 1310285.01 | 3283572.41 | 0.00 | 507492.68 | 4659020.27 | 0 | 0 | | 1/11/2023 | 115780.95 | 2643.71 | 108821.93 | 242150.91 | 0.00 | 38130.60 | 49397.40 | 0 | 57.88 | | 1/12/2023 | 109958.20 | 3030.28 | 140069.46 | 339922.86 | 0.00 | 51346.31 | 592080.80 | 0 | 2543.51 | | 1/13/2023 | 65701.55 | 2819.46 | 748201.42 | 193078.55 | 0.00 | 29892.19 | 2747480.98 | 0 | 92.30 | | 1/14/2023 | 60420.90 | 859.67 | 24395.52 | 60253.31 | 0.00 | 8334.03 | 145730.40 | 0 | 0 | | 1/15/2023 | 11039.76 | 167.13 | 13090.94 | 34036.45 | 0.00 | 5238.37 | 58334.28 | 0 | 0 | | 1/16/2023 | 56509.67 | 818.93 | 80215.30 | 207738.41 | 0.00 | 31959.52 | 345282.31 | 0 | 163.88 | | 1/17/2023 | 98604.06 | 1178.49 | 541695.49 | 1415440.16 | 0.00 | 218736.62 | 2057908.20 | 0 | 0 | | 1/18/2023 | 816146.77 | 2931.81 | 272786.05 | 675984.67 | 0.00 | 103170.84 | 1768849.31 | 0 | 0 | | 1/19/2023 | 124119.67 | 6083.38 | 347240.61 | 859911.49 | 0.00 | 129884.43 | 1337555.15 | 0 | 0 | | 1/20/2023 | 99814.27 | 1399.90 | 142904.30 | 355653.93 | 0.00 | 53899.76 | 599572.40 | 0 | 3682.30 | |
| Date | Arrears Payment | Warrant Payment | Rate Payment | Over Payment | Bank Fee | Discount | Paid Amount | Credit | Debit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/2/2023 | 82313.62 | 867.21 | 25012.75 | 63021.28 | 0.00 | 9530.43 | 171214.87 | 5153.82 | 9752.37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/3/2023 | 75792.60 | 2377.42 | 77441.83 | 166809.58 | 0.00 | 24212.05 | 322221.43 | 0 | 907.31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/4/2023 | 108915.12 | 841.94 | 88418.86 | 222929.36 | 0.00 | 34437.54 | 421006.28 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/5/2023 | 95344.45 | 2087.27 | 703184.11 | 1887838.13 | 0.00 | 289370.49 | 2689454.95 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/6/2023 | 44.50 | 1.50 | 21141.35 | 8458.92 | 0.00 | 2120.16 | 29646.27 | 0 | 485.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/7/2023 | 67450.68 | 1197.38 | 71243.92 | 185552.25 | 0.00 | 28497.51 | 325454.21 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/8/2023 | 10022.64 | 168.74 | 10263.82 | 26687.51 | 0.00 | 4105.75 | 47142.71 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/9/2023 | 135954.07 | 4816.22 | 267365.21 | 66387.39 | 0.00 | 102438.87 | 1071972.89 | 8217.38 | 4560.22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/10/2023 | 72990.71 | 2172.14 | 1310285.01 | 3283572.41 | 0.00 | 507492.68 | 4659020.27 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/11/2023 | 115780.95 | 2643.71 | 108821.93 | 242150.91 | 0.00 | 38130.60 | 49397.40 | 0 | 57.88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/12/2023 | 109958.20 | 3030.28 | 140069.46 | 339922.86 | 0.00 | 51346.31 | 592080.80 | 0 | 2543.51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/13/2023 | 65701.55 | 2819.46 | 748201.42 | 193078.55 | 0.00 | 29892.19 | 2747480.98 | 0 | 92.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/14/2023 | 60420.90 | 859.67 | 24395.52 | 60253.31 | 0.00 | 8334.03 | 145730.40 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/15/2023 | 11039.76 | 167.13 | 13090.94 | 34036.45 | 0.00 | 5238.37 | 58334.28 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/16/2023 | 56509.67 | 818.93 | 80215.30 | 207738.41 | 0.00 | 31959.52 | 345282.31 | 0 | 163.88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/17/2023 | 98604.06 | 1178.49 | 541695.49 | 1415440.16 | 0.00 | 218736.62 | 2057908.20 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/18/2023 | 816146.77 | 2931.81 | 272786.05 | 675984.67 | 0.00 | 103170.84 | 1768849.31 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/19/2023 | 124119.67 | 6083.38 | 347240.61 | 859911.49 | 0.00 | 129884.43 | 1337555.15 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/20/2023 | 99814.27 | 1399.90 | 142904.30 | 355653.93 | 0.00 | 53899.76 | 599572.40 | 0 | 3682.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 49-Get credit summary division wise

- User can get the credit summary report Division wise.
- Also, users can search the details in a particular time period and division.
- There is an option for export, print, and view the search summary report.

10.4. View Current Arrears Report

| Arrears Report | | | | | | | | | | | | | | | |
|---|-----------------|--------------------------------|-----------------|---------|---------|--|---|--------------------------------------|--|--|--|--|--|--|--|
| Division : | All | Street Name : | | Side : | Both | <input type="checkbox"/> Remove Quarter Rate | <input type="checkbox"/> With 0 Arrears | Change Property Type | | | | | | | |
| | | Search By Name | | | | | | | | | | | | | |
| <input type="checkbox"/> Apply Filtering Method | | | | | | | | | | | | | | | |
| Arrears Details | Summary Details | | | | | | | | | | | | | | |
| Custom No | Property NO | Owner Name | Description | Arrears | Warrent | Rate Payable | Total Payable | | | | | | | | |
| *3701HNL009000A | 00000000A | R. SUDARAVATHI FERNANDO | TILE ROOF SMALL | 23.05 | 0.00 | 0.00 | 23.05 | | | | | | | | |
| *3701HNL037000A | 0270000A | G.S. SILVA | SHEET ROOF | 265.48 | 0.00 | 0.00 | 265.48 | | | | | | | | |
| *3701HNL125000A | 1420 | R.L. PERERA | ABS ROOF HOUSE | 114.98 | 0.00 | 0.00 | 114.98 | | | | | | | | |
| *3701HNR1250007 | 1260007 | OWNER | LAND | 45.00 | 0.00 | 0.00 | 45.00 | | | | | | | | |
| *3701HNR1250008 | 1262008 | S.A. RAJUTH ANURA | LAND | 4.60 | 0.00 | 0.00 | 4.60 | | | | | | | | |
| *3701HNL1653002 | 1663002 | B.M.E.T. FONSEKA | LAND | 87.46 | 0.00 | 0.00 | 87.46 | | | | | | | | |
| *3701HNL1653005 | 1663005 | P. WASANTH PUSHPA KUMARA | LAND | 18.95 | 0.00 | 0.00 | 18.95 | | | | | | | | |
| *3701HNL1703 | 1703 | K.D.S. FERNANDO | LAND | 82.80 | 0.00 | 0.00 | 82.80 | | | | | | | | |
| *3701HNL1703 | 1703 | K.D.S. FERNANDO | LAND | 82.80 | 0.00 | 0.00 | 82.80 | | | | | | | | |
| *3701HNL1743007A | 1743007A | G.S. DE SILVA | CON GR SHOP | 7313.37 | 0.00 | 0.00 | 7313.37 | | | | | | | | |
| *3701HNR1300001 | 1300001 | R.H. FERNANDO | TILE ROOF SMALL | 328.41 | 0.00 | 0.00 | 328.41 | | | | | | | | |
| *3701HNR13054A | 13044A | W.R. RODRIGO | TILE ROOF | 4116.02 | 0.00 | 0.00 | 4116.02 | | | | | | | | |
| *3701HNR13048 | 13048 | W.R. RODRIGO | TILE ROOF TEA | 3155.43 | 0.00 | 0.00 | 3155.43 | | | | | | | | |
| *3701HNR13205 | 13205 | S.R. FERNANDO | LAND | 82.80 | 0.00 | 0.00 | 82.80 | | | | | | | | |
| *3701HNR13205 | 13205 | P. FEDRIC WILIAM FERNANDO | LAND 2019 **** | 8.65 | 0.00 | 0.00 | 8.65 | | | | | | | | |
| *3701HNR1378002 | 1378002 | P. FEDRIC WILIAM FERNANDO | LAND 2019 ***** | 78.74 | 0.00 | 0.00 | 78.74 | | | | | | | | |
| *3701HNR1382001 | 1382001 | P.M.S. FERNANDO | LAND | 183.00 | 0.00 | 0.00 | 183.00 | | | | | | | | |
| *3701HNL0130003 | 0130003 | M.S. VORLTER FERNANDO | TILE ROOF | 2829.48 | 0.00 | 0.00 | 2829.48 | | | | | | | | |

Figure 50- View current Arrears report

- System has given the option to search using division, street, side, owner name, and property type.
- User can get details less than, more than, or between wise arrears details.
- Also, users can Save, Print, and view the report.

10.5. Current Arrears Summary Report

| Arrears Summary Report | | | | | | | | |
|--|-----------------------------|------------------------------|------------------------------------|--------|--|-------------------------------|--|--|
| <input checked="" type="radio"/> Current Arrears | | | <input type="radio"/> Past Arrears | | | Search Option | | |
| Year | -Year- | Quarter Number | | Search | | | | |
| <input type="checkbox"/> All Division | | | | | | | | |
| Number Of Premises : | 10927 | Total Arrears : | 48258112.44 | | | | | |
| <input type="checkbox"/> End Balance | | | | | | | | |
| Search Current Arrears | Save Report | Print Report | | | | | | |

Figure 51-Current arrears summary report

- User can search current arrears summary report by selecting the year and quarter number.
- System has given the option to Save and print the summary report.

10.6. Past Arrears Report Management

The screenshot shows a software interface titled "Arrears Summary Report". At the top, there are two radio buttons: "Current Arrears" (unchecked) and "Past Arrears" (checked). Below this, there are dropdown menus for "Year" (set to 2022) and "Quarter Number" (set to 3, with options 1, 2, 3, and 4 visible in a dropdown menu). To the right of the dropdown is a "Search" button. The main area contains a table with columns "Division Id", "Num Of Premises", and "Total Arrears". The data in the table is as follows:

| Division Id | Num Of Premises | Total Arrears |
|-------------|-----------------|---------------|
| 3701 | 1106 | 1770795.39 |
| 3702 | 712 | 1293511.48 |
| 3703 | 603 | 1711581.88 |
| 3704 | 732 | 1978165.57 |
| 3705 | 56 | 1484071.14 |
| 3706 | 2456 | 10950933.81 |
| 3707 | 1368 | 4879858.90 |
| 3708 | 864 | 1774702.52 |

Below the table, there are summary statistics: "Number Of Premises : 13366" and "Total Arrears : 40062665.87". There is also a checkbox labeled "End Balance". At the bottom are three buttons: "Search Current Arrears", "Save Report", and "Print Report".

Figure 52- Past arrears report

- User can search past arrears report by selecting the year and quarter number.
- User can save and print the report.

10.7. Rate Tax Current Balance Report Management

The screenshot shows a software interface titled "Rate Tax Quarter Balance Report". The search criteria include "Division" (set to All), "Street Name" (empty), "Side" (set to Both), "Date" (set to 2/28/2023), and various balance selection options. The search results section displays the message "No Data Found". At the bottom are buttons for "View Report", "Print Report", "Export Report", and "Export to Excel".

Figure 53-Rate tax Quarter Balance report

- User can get the Rate Tax Current Balance Report by searching the division, Street Name, and Side.
- Also, the system has facilitated the printing, saving, and viewing of the report using each icon.

10.8. Rate Tax Current Balance Division Summary Report

| Balance Summary Division Wise | | | | | | |
|-------------------------------|--------------------|------------------|-------------------|-------------------|---------------------|--|
| Division | Arrears | Warrant | Rate | Future amount | Total | |
| 3701 | 2380621.91 | 36327.48 | 311175.53 | 934039.76 | 1794085.16 | |
| 3702 | 1728888.15 | 18823.88 | 201726.39 | 512210.41 | 1437228.01 | |
| 3703 | 2226353.44 | 27902.26 | 224254.65 | 549940.54 | 1928569.81 | |
| 3704 | 2524416.82 | 37651.82 | 327891.92 | 1198289.11 | 1691471.45 | |
| 3705 | 1552830.18 | 4466.14 | 221694.96 | 61389976.28 | -59610985.00 | |
| 3706 | 14131778.88 | 236098.93 | 2502307.15 | 9993723.26 | 6875459.68 | |
| 3707 | 3588237.18 | 134212.68 | 960084.71 | 4676428.85 | 6105.72 | |
| 3708 | 1860528.80 | 24844.06 | 382271.83 | 7185294.09 | -4917649.40 | |
| 3709 | 6636546.37 | 87762.41 | 521073.47 | 1152260.71 | 6093121.54 | |
| 3710 | 2542576.53 | 28700.12 | 309525.54 | 1092010.84 | 1788791.35 | |
| 3711 | 9085338.20 | 134688.02 | 940981.07 | 2116540.09 | 8044465.20 | |
| Total | 48259112.44 | 771477.89 | 6902787.22 | 9080713.94 | -34869338.49 | |

[Print](#) [Export](#) [View](#)

Figure 54- Rate tax current balance division-wise

- System facilitates giving a current balance summary report division-wise.
- System displays the total Arrears, Warrant, Rate, Future amount, and Total.
- User can Print, Export, and View the balance summary.

10.9. Rate Tax Current Balance Summary Report

Rate Tax Quarter Balance Report

| | | |
|---|---|--|
| Division : <input type="button" value="Select"/> | Street Name : <input type="text"/> | Side : <input type="button" value="Both"/> |
| Date : <input type="text" value="3/ 9/2023"/> | <input type="radio"/> Only Plus Balances <input type="radio"/> Only Minus Balances <input type="radio"/> Both Plus and Minus Balances | <input type="button" value="Search"/> |
| <input checked="" type="radio"/> Print For Opening Balance <input type="radio"/> Print For End Balance <input type="checkbox"/> Data With Current Owner <input type="checkbox"/> Data With Current Description <input type="checkbox"/> Data with Absolute Number | | |
| Search using Amount | <input type="radio"/> All <input type="radio"/> Less than <input type="radio"/> Between <input type="radio"/> Greater than | |
| No Of Customers : | Total : | <input type="button" value="View Report"/> <input type="button" value="Print Report"/> <input type="button" value="Export Report"/> <input type="button" value="Export to Excel"/> |

Figure 55- Rate tax current Balance summary report

- User can search the details of Rate Tax current Balance summary report by searching the Division, Street name, and Side.
- Then, the system displays the list of details for each Customer.
- Also system facilitates the print, save, and View the Current balance Summary.

10.10. Current Arrears Summary Report (Streetwise) Management

The screenshot shows a web-based application titled "Current Balance Street Wise". At the top left is a dropdown menu labeled "Division ID" with a placeholder value "Select". To its right is a green "Search" button. Below the search bar is a table header row with columns: "Code", "Street Name", "Arrears", "Warrent", "Rate", "Future amount", and "Total". The main body of the table is currently empty, showing a light gray background. At the bottom right of the table area are three buttons: "Print", "Export", and "View".

Figure 41 -Current Balance Summary (Streetwise)

- User can search the current balance streetwise using Division ID.
- User can print, export, and view the streetwise current balance report using Print, Export, and View icons.

10.11. Get Past Arrears Street-wise Summary Report

The screenshot shows a web-based application titled "Past Arrears Summary Report". At the top left is a dropdown menu labeled "Division" with a placeholder value "Select". To its right is a date input field showing "3/ 9/2023" and a "Search" button. Below the date input is a section titled "Change Property Type" with three radio buttons: "Only Plus Balances", "Only Minus Balances", and "Both Plus and Minus Balances". The "Both Plus and Minus Balances" option is selected. Underneath this is a section titled "Search using Amount" with four radio buttons: "All", "Less than", "Between", and "Greater than". The "All" option is selected. Below these settings is a table header row with columns: "Street Name", "Balance Forward", "Warrent", "Billing", "Arrears", and "Total". The main body of the table is currently empty, showing a light gray background. At the bottom right of the table area are two buttons: "Print Report" and "Export Report".

Figure 56- Past Arrears summary report

- Following options have to select by the customer.
 - Only plus Balance
 - Only Minus Balance
 - Both plus and Minus Balance.
- User can search amount all, less than, greater than, or between.

- User can change the property type.
- System facilitates user to Search, Export, and Print the past Arrears summary report by search division and Date.

10.12. Manage Rate forecast report

The screenshot shows a software interface titled "Rate Revenue Forecast Collection". At the top, there are three dropdown menus: "Division" (set to "Select"), "Street Name" (empty), and "Side" (set to "Both"). Below these are two buttons: "Search" (green) and "Export To Excel" (orange). The main body of the window is a large, solid gray rectangle, indicating that no data has been loaded or displayed.

Figure 57- Rate forecast Report

- User can search the forecast rate using the Division, Street Name, and side.
- Also, after the search system fetched and displayed the result.
- User can export the report to the excel sheet.

10.13. Manage Arrears Division-wise Summary Report

The screenshot shows a software interface titled "Arrears Summary Report". At the top, there are two radio buttons: "Current Arrears" (selected) and "Past Arrears". Next to them is a link "Search Option". Below this is a search bar with dropdowns for "Year" (set to "-Year-") and "Quarter Number", and a "Search" button. The main area contains a table with columns "Division Id", "Num Of Premises", and "Total Arrears". The table data is as follows:

| Division Id | Num Of Premises | Total Arrears |
|-------------|-----------------|---------------|
| 3701 | 858 | 2380621.91 |
| 3702 | 603 | 1728888.15 |
| 3703 | 483 | 2226353.44 |
| 3704 | 586 | 2524416.82 |
| 3705 | 53 | 1552830.18 |
| 3706 | 2054 | 14131776.86 |
| 3707 | 1027 | 3588237.18 |
| 3708 | 671 | 1860528.80 |

To the right of the table is a summary box titled "All Division" showing "Number Of Premises : 10927" and "Total Arrears : 48258112.44". There is also a checkbox "End Balance". At the bottom are buttons for "Search Current Arrears", "Save Report", and "Print Report".

Figure 58-Arrears Summary report- Division wise

- System displays the Total arrears according to each Division ID.
- User can Save and print the report using the Save and Print icons.

10.14. Mange Warrant division-wise Summary Report

| Warrant Report | | Warrant Calculated Quarter : 0 | Current Quarter Number : 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------------------|--------------------------------|----------------------------|-------------|-----------------|----------------|------|-----|----------|------|-----|----------|------|-----|----------|------|-----|----------|------|----|---------|------|------|-----------|------|-----|-----------|------|-----|----------|
| <input checked="" type="radio"/> Current Warrant | <input type="radio"/> Past Warrant | Search Option | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year : -Year- | | Quater Number : | Search | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Division Id</th> <th>Num Of Premises</th> <th>Total Warrants</th> </tr> </thead> <tbody> <tr><td>3701</td><td>799</td><td>36327.48</td></tr> <tr><td>3702</td><td>556</td><td>18823.88</td></tr> <tr><td>3703</td><td>435</td><td>27902.26</td></tr> <tr><td>3704</td><td>514</td><td>37651.82</td></tr> <tr><td>3705</td><td>45</td><td>4466.14</td></tr> <tr><td>3706</td><td>1910</td><td>236098.93</td></tr> <tr><td>3707</td><td>953</td><td>134212.68</td></tr> <tr><td>3708</td><td>530</td><td>24844.06</td></tr> </tbody> </table> | | | | Division Id | Num Of Premises | Total Warrants | 3701 | 799 | 36327.48 | 3702 | 556 | 18823.88 | 3703 | 435 | 27902.26 | 3704 | 514 | 37651.82 | 3705 | 45 | 4466.14 | 3706 | 1910 | 236098.93 | 3707 | 953 | 134212.68 | 3708 | 530 | 24844.06 |
| Division Id | Num Of Premises | Total Warrants | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3701 | 799 | 36327.48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3702 | 556 | 18823.88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3703 | 435 | 27902.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3704 | 514 | 37651.82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3705 | 45 | 4466.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3706 | 1910 | 236098.93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3707 | 953 | 134212.68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3708 | 530 | 24844.06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All Division Number Of Premises : 10002 Total Warrants : 771477.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="button" value="Search Current Warrent"/> <input type="button" value="Save Report"/> <input type="button" value="Print Report"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 59- Warrant Report

- System displays the current and past total warrant after the calculation.
- User can select the options current or past warrant.
- System facilitates the user to search current warrant and save or print option.

10.15. Manage current Billing Rate division-wise Report

| Billing Rate | | Current Quarter Number : 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------|--------------------------------------|-------------|--|-------------|-----------------|-------------|---|------|------|-----------|---|------|------|-----------|---|------|-----|-----------|---|------|------|-----------|---|------|-----|-------------|---|------|------|------------|---|------|------|------------|
| <input checked="" type="radio"/> Current Rate | <input type="radio"/> Past Rate | Search Option | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year : -Year- | | Quater Number : <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th></th> <th>Division Id</th> <th>Num Of Premises</th> <th>Total Rates</th> </tr> </thead> <tbody> <tr><td>→</td><td>3701</td><td>1920</td><td>648994.54</td></tr> <tr><td>→</td><td>3702</td><td>1266</td><td>401963.11</td></tr> <tr><td>→</td><td>3703</td><td>974</td><td>409604.80</td></tr> <tr><td>→</td><td>3704</td><td>1220</td><td>761098.11</td></tr> <tr><td>→</td><td>3705</td><td>258</td><td>20678696.21</td></tr> <tr><td>→</td><td>3706</td><td>3994</td><td>5906060.07</td></tr> <tr><td>→</td><td>3707</td><td>2453</td><td>2663314.95</td></tr> </tbody> </table> | | | | | Division Id | Num Of Premises | Total Rates | → | 3701 | 1920 | 648994.54 | → | 3702 | 1266 | 401963.11 | → | 3703 | 974 | 409604.80 | → | 3704 | 1220 | 761098.11 | → | 3705 | 258 | 20678696.21 | → | 3706 | 3994 | 5906060.07 | → | 3707 | 2453 | 2663314.95 |
| | Division Id | Num Of Premises | Total Rates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| → | 3701 | 1920 | 648994.54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| → | 3702 | 1266 | 401963.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| → | 3703 | 974 | 409604.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| → | 3704 | 1220 | 761098.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| → | 3705 | 258 | 20678696.21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| → | 3706 | 3994 | 5906060.07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| → | 3707 | 2453 | 2663314.95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| All Division Number Of Premises : 22269 Total Payable Rates : 37596125.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="button" value="Search Current Arrears"/> <input type="button" value="Save Report"/> <input type="button" value="Print Report"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 60- Billing rate

- System displays the rate for the current billed report details.
- For quarter open bill.
- User can search current arrears, save the report, and print the report.

10.16. Get Current future payment report

The screenshot shows a web-based application window titled "Current Future Payment Report". At the top, there are four dropdown menus: "Division : [Select]", "Street Name : [Select]", "Side : Both", and "Type of Property : [Select Type]". To the right of these are three buttons: "With Property Description" (unchecked), "Save Report", and "Print Report". Below the dropdowns is a "Search" button. The main area contains two columns: "Premises Id" and "Future Payment". The entire interface is framed by a blue border.

Figure 61-current Future Payment report

- System facilitates user to get details reports of current future payments.
- User must select Division number, Side, Street Name, and Property Type.
- System fetches the result from the database and displays it for the user.
- User can save or print the report.

10.17. Manage Rate Accounting Listing Report

The screenshot shows a web-based application window titled "Rate Account Listing". At the top, there is a dropdown menu "Listing Year : [Select]" with a "Search" button, and "Print" and "Export" buttons. Below this is a table with five columns: "Forward Balance", "Warrent", "Rate Billing", "Dedit", and "Total". The table has four rows for each quarter: First Quarter, Second Quarter, Third Quarter, and Fourth Quarter. Each row contains four cells with values "0.00" and one empty cell. Below this table is another table with the same structure, labeled "Future Payments", also containing four rows for each quarter with values "0.00" in all cells except the last one which is empty. The entire interface is framed by a blue border.

| | Forward Balance | Warrent | Rate Billing | Dedit | Total |
|----------------|-----------------|----------|--------------|--------|-------|
| First Quarter | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Second Quarter | | 0.00 | 0.00 | 0.00 | 0.00 |
| Third Quarter | | 0.00 | 0.00 | 0.00 | 0.00 |
| Fourth Quarter | | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | Future Payments | Payments | Discount | Credit | Total |
| First Quarter | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Second Quarter | | 0.00 | 0.00 | 0.00 | 0.00 |
| Third Quarter | | 0.00 | 0.00 | 0.00 | 0.00 |
| Fourth Quarter | | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Figure 62-Rate Accounting Listing

- System facilitates the user to list the rate account selected by the year.
- System displays the total amount of the follows in each quarter.
 - Forward Balance
 - Warrant
 - Rate Billing
 - Debit
 - Future payment

- Payments
- Discount
- Credit
- User can search, export, and print the rate, Account List.

10.18. View Discount Summary Report

Figure 63- Discount Summary report

- User can get the Discount Summary Report by searching the Start Date, End Date, and Discount Limit.
- Also system displays the Number of Discount Invoices and Total Discounts.
- System facilitates the user to print or save the summary report.

10.19. View the Property Book Report

Figure 64- Property Book

- User can search the Property Book by searching the Division, Side, and Street Name.
- User can Export, Print, and View the report.

10.20. View Property Summary Report division wise

The screenshot shows a software interface titled "Property Summary Report". At the top left is a dropdown menu labeled "Division" with the value "[Select]". To its right is a green "Search" button. Below the search bar is a table with five columns: "Division", "Street Code", "Street Name", "Num of Property", and "Total Annual Value". The table body is currently empty. At the bottom of the window are three buttons: "Export Report", "Print Report", and "View Report".

Figure 65- Property summary report - Division wise

- System facilitates the user to get the Property Summary Report division-wise by searching the Division.
- System facilitates the user to Export, Print, and View the report.

10.21. View Property Annual Value Report

The screenshot shows a software interface titled "Property Annual Value Report". It has several filter options at the top: "Division" (dropdown set to "[Select]"), "Street Name" (dropdown), a checkbox for "With Property Description", "Side" (dropdown set to "Both"), "Type of Property" (dropdown), and a "Search" button. Below these are filter settings for "Filter By" (set to "Annual Value") and comparison operators ("All", "Less than and Equal", "Between", "Greater than"). The main content area is a table with columns: "Customer No", "Property No", "Owner Name", "Address", "Propert Type", "Value", and "Rate". The table body is currently empty.

Figure 66- Property Annual Value report

- User can search details report of the Property Annual Value Report using division, street, side, type of property
- Annual value can filter less than, greater than, and between.
- Also, user can save, print, and view the report

10.22. View Temporarily Disabled Property Value Report

Temporarily Disabled Property Value Report

Division : [Select] Street Name : With Property Description

Side : Both Type of Property : [Select Type]

Filter By : Annual Value

All Less than and Equal Between Greater than

| Customer No | Property No | Owner Name | Address | Property Type | Value | Rate |
|-------------|-------------|------------|---------|---------------|-------|------|
| aaaa | aaaa | aaaa | | | | |

Figure 67- Temporary disable property report

- User can get the Temporary Disable Property Value Report by searching using division, street, side, type of property
- User can get the report result less than, greater than, between wise the Annual report.
- Also user can save, Print, and View the Temporarily Disable Property Value Report.

10.23. View Remove Property in duration Report

Figure 68- Remove property in duration

- User can search the report of Remove property in time duration.
- Also system facilitates the user to select a particular date duration using the calendar.
- If no result system displays the message "No records were found."

- Also user can save or print the Remove Property in the duration Report.

10.24. Get Disable Property in duration Report

Figure 69- Enable Disable property in duration

- User can get the Disable property report in time duration by searching the Type (Enable or Disable), From Date to date.
- System facilitates the user to select date duration using the calendar.
- Also, Users can search, Save and print the report.

10.25. View Property Book Report

Figure 70- Property Book Report

- User can get the Property Book report by searching the Division, Street Name, and Side.

10.26. View Property Registration Report

The screenshot displays a software interface for viewing a Property Registration Report. At the top, there are three input fields: 'Division' (set to '[Select]'), 'From' (set to '3/13/2023'), and 'To' (set to '3/13/2023'). To the right of these fields are three icons representing 'Search', 'Print', and 'Save'. Below these controls is a large, empty gray rectangular area, which would normally contain the table of registered premises data.

Figure 71- property Registration Report

- User can get the Property Registration Report by searching the Division and time duration.
- Also system gives the option to the user to Search, Print, and Save the report.

10.27. View Register of rate Tax

The screenshot shows the 'Register of Rate Tax' search interface. It features several dropdown menus for filtering: 'Year' (set to 'Year'), 'Quarter' (empty), 'Side' (set to 'Both'), 'Division' (set to '[Select]'), and 'Road' (empty). A prominent green 'Search' button is located to the right of these filters. Below the search area is a large, empty white rectangular space intended for displaying the search results. At the very bottom of the window, there is a progress bar with the text 'Please Wait....' followed by three buttons: 'Export', 'Print', and 'Export To Excel'.

Figure 72- Register of Rate Tax

- User can get the report of Register of Rate Tax.
- Following details are required to search the report details.
 - Year
 - Quarter
 - Division

- Rate
- Also user can get the details by searching by the Owner's Name.
- User can Export, print, and Export to an excel sheet of the report.

10.28. Register of rate Tax Street summary

Please Wait....

Export **Print**

Figure 73-Rate Tax street summary

- System facilitates to the user to get details of Rate Tax Street summary report by searching division, year, and quarter
- Also user can export or print the report.

10.29. View Property Change Report

Figure 74- Property change report

- User can search the Property change report by searching the date duration and Division; also, the user can select the change types.
- Change type listed as follows.
- Owner name change
- Property Description change
- Property Type change
- Annual value change
- Year Rate change
- Property Number change
- User can View, Export, and Print the Property change Report.

10.30. Make payment

- User can get the list of paid property searches by the Field office ID.

The screenshot shows a web-based application window titled "DO Payments Report". At the top left, there is a label "Field Officer ID :". To its right is a text input field containing a placeholder "Field Officer ID". To the right of the input field is a blue rectangular button labeled "Search". The rest of the screen is blank white space.

Figure 75-Do Pavement

10.31. Make payments for the duration

The screenshot shows a web-based application window titled "DO Payments Report". At the top left, there is a label "Field Officer ID :". To its right is a text input field containing a placeholder "Field Officer ID". Next to it are two dropdown menus labeled "From" and "To", both set to the date "3/13/2023". To the right of these is another blue rectangular button labeled "Search". The rest of the screen is blank white space.

Figure 76- Do payment report

- User can get the Do payments report by searching the Field office ID and selecting the time duration.

10.32. Do Summary report

The screenshot shows a software interface titled 'DO Payments Detailed Report'. At the top, there is a header bar with the title. Below the header, there is a search bar containing fields for 'Field Officer ID' (with a dropdown arrow), 'From' (set to 3/13/2023), 'To' (set to 3/13/2023), and a green 'Search' button. The main body of the window is currently empty, showing a light gray background.

Figure 77- Do payment summary report

- System allows the user to get a summary report of payment details by searching the Field office ID and selecting the time duration.

10.33. Do analyze the report

The screenshot shows a software interface titled 'Do Analise Report'. At the top, there is a header bar with the title. Below the header, there is a search bar containing fields for 'From' (set to 3/13/2023), 'To' (set to 3/13/2023), and a green 'Search' button. The main body of the window is currently empty, showing a large gray rectangular area.

Figure 78-Do analyze the report

- System facilitates user to analyze report by searching the Field office ID and selecting the time duration.

10.34. View Notice of assessment

The screenshot shows a Windows application window titled "Notice of Assessment Manager". At the top, there are several search and filter options: "Print With Arrears, Warrant, Year Rate" (checked), "Print With Newly Values" (unchecked), "Total Set With Next Year Amount" (unchecked). Below these are dropdowns for "Division : [Select]", "Street Name : [Select]", "Property Type : [Select Type]", "Side : Both", "Year : [Select]", and "Order By : Street Name & Property No". A "Search" button is located next to the year dropdown. The main area is a grid table with columns: Id, Premises Id, Division, Street Name, Full_Name, Address, Annual Value, Rate_Py, noticeAssessment, and year. The grid is currently empty.

Figure 79-Notice of Assessment manager

- User can search the notice of Assessment by Division, Street name, Side, Year, and Property Type.
- User can Export and Print the Notice Assessment

10.35. Get the Daily Receipt Summary report

The screenshot shows a Windows application window titled "Daily Receipt Summary". At the top right, there is a date field showing "11/28/2022" and a "Search Receipt" button. The main area is a grid table with columns: Receipt No, Payment Type, and Paid Amount. The grid lists multiple entries, each starting with a red circular icon containing a white minus sign. The data includes:

| | Receipt No | Payment Type | Paid Amount |
|----|------------|--------------|-------------|
| 1 | R125974 | Cash | 28105.90 |
| 2 | R125973 | Cash | 4906.79 |
| 3 | R125972 | Cash | 3109.85 |
| 4 | R125971 | Cash | 79.00 |
| 5 | R125970 | Cash | 856.73 |
| 6 | R125969 | Cash | 623.02 |
| 7 | R125968 | Cash | 1329.23 |
| 8 | R125967 | Cash | 450.79 |
| 9 | R125966 | Cash | 3271.18 |
| 10 | R125965 | Cash | 498.46 |
| 11 | R125964 | Cash | 5271.82 |
| 12 | R125963 | Cash | 747.68 |
| 13 | R125962 | Cash | 2772.63 |
| 14 | R125961 | Cash | 3080.46 |
| 15 | R125960 | Cash | 385.05 |
| 16 | R125959 | Cash | 626.76 |
| 17 | R125958 | Cash | 747.68 |

Figure 80- Daily receipt summary

- User can get the summary report of Daily receipts by selecting the Search by Date or Receipt Number option.
- Then, the system displays the details of the Daily Receipt summary.
- Also system facilitates the user to View, Export, and Print the report.

10.36. View Receipt details overview

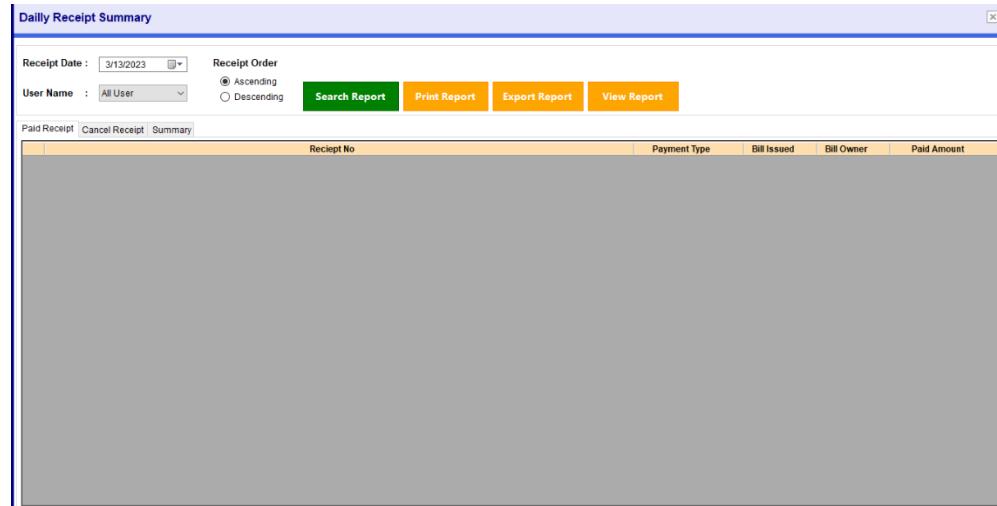


Figure 81- Daily Receipt Summary overview

- System facilitates users to get paid Receipts, Cancel Receipts, and Receipt summary reports.
- User has to select the time duration, Account Year, User, and Recipe Order (Ascending, Descending).
- User can Save, Print, and View the Summary Report.

10.37. View Daily receipt overview summary

| Daily Receipt Summary | | |
|---|---|--|
| Receipt Date : | 3/14/2023 | Receipt Order |
| User Name : | All User | Ascending |
| <input type="button" value="Search Report"/> | <input type="button" value="Print Report"/> | <input type="button" value="Export Report"/> |
| <input type="button" value="View Report"/> | | |
| Paid Receipt Cancel Receipt Summary | | |
| Number Of Paid Invoice | : | 0 |
| Total cash Payment Amount | : | 0 |
| Total Cheque Payment Amount | : | 0 |
| Total Credit Card Payment Amount | : | 0 |
| Total DO Cash Payment Amount | : | 0 |
| Total DO Cheque Payment Amount | : | 0 |
| Total Online Payment Amount | : | 0 |
| <hr/> | <hr/> | <hr/> |
| Total Payment Amount | : | 0 |
| <hr/> | <hr/> | <hr/> |
| Bank Fee Chargers | : | 0 |
| <hr/> | <hr/> | <hr/> |
| Number Of Canceled Invoice | : | 0 |
| Total Canceled Payment Amount | : | 0 |

Figure 82- Daily receipt over view summary

- User can view the daily Receipt summary overview by clicking the “Summary” tab using this interface.

10.38. View Red note

The screenshot shows a software interface titled "Red Notice". At the top, there are several dropdown menus and input fields for filtering search results. These include "Division : [Select]", "Street Name : [dropdown]", "Year : [dropdown]", "Quarter No. : [dropdown]", "Due Date : 3/9/2023", "Notice Date : 3/9/2023", "Description : [text input]", and a "Limit" checkbox. Below these are search criteria for "Amount": "All" (radio button selected), "Less than", "Between", and "Greater than". To the right of the search area are "Search" and "Print" buttons. The main body of the window is a table with columns: ID, Full Name, Address, Division, Property No., Street Name, and Arrears. The table body is currently empty.

Figure 83- View red note

- User can search the Red Notice by selecting the following details.
 - Division
 - Street Name,
 - Year
 - Quarter
 - Due Date
 - Notice Date
- Amount (Has given the option select to All, Less than, Greater than, between)
- Also, user can change the property type.
- User can direct into the print setting by clicking the “Red Notice Printer Settings.”

10.39. Get Credit/Debit details

| Premises ID | Type | Pay Date | Description | Amount |
|-------------|------|----------|-------------|--------|
| | | | | |

Figure 84- Credit/ Debit Details

- System facilitates to the user get details of credit and debit details report by selecting the “From date”, “To date” and “Type”.
- Also, the user can search, export, and print the details report of credit and Debit.

10.40 Terminated Accounts

- System should facilitate to filter the check of return from the terminated accounts and quarter report.
- User should be get report according to the received discount.
- User should be to get total as following.
 - From amount of Arrears
 - From year (billing)
 - From warrant
 - From Forward balance