

Business Analysis and Product Management IS 304.3

Group 06
Batch 21.1

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Note: If there is any difficulty in reading the diagrams, please be kind enough to refer the provided links in the reference section.

DK PAWNING CENTER

Owner: Mr. Jayantha Raja

Company: D.K. Pawing Center

Business status: D.K. Pawing Center give money by depositing gold (Exchange money with gold) for a certain period with an agreement..

For this project, our team has selected the company D.K. Pawning Center. This D. K. pawning center has been running for two years. The owner of this company is Mr. Jayantha Raja. This company opened at the end of 2021, and it's a single-person business. Mr Raja invested his money and started the business. This company is located at Dehiaththakandiya city, in front of police station.

As mentioned above, the mother branch is located at Dehiaththakandiya City, and Mr. Raja has started a new branch at Giradurukotta city. Our team selected this company as an idea of our team member.

We have visited this company to get more information for our project. Then we met the owner, and we discussed project information. We got the main idea to continue our project. It's that in this company there is no computerized system working at the moment and data has been stored in a physical file-based system. As our basic analysis in this company, all the transactions and account records happen as a file-based system.

Main Activities

- Giving new bills to customers
- ❖ Collect customer details
- * Records about customer's accounts
- Records of mortgage
- * Records about expire
- * Records about Interest rate
- * Records about monthly profits All records of data stores are stored as written records using the file-based system. So, this is an informal system.

Business objectives

- This is a pawning center. This means that when people need money, they deposit their gold items in this company and receive a mortgage.
- Also, for the money provided by the company, different types of interest rates are applied to different types of goods.
- Also, written copies will be sent to the customers in the form of letters to inform the customers that the mortgage has matured on time.
- Also, this company rescues items that will be sold in other pawning centers or banks.

We selected three business processes for our assignment. They are,

1. Giving money to the customer after receiving gold items from the customers (Pawning Items)

The most well-known and commonly used procedure in this industry is the first one stated above.

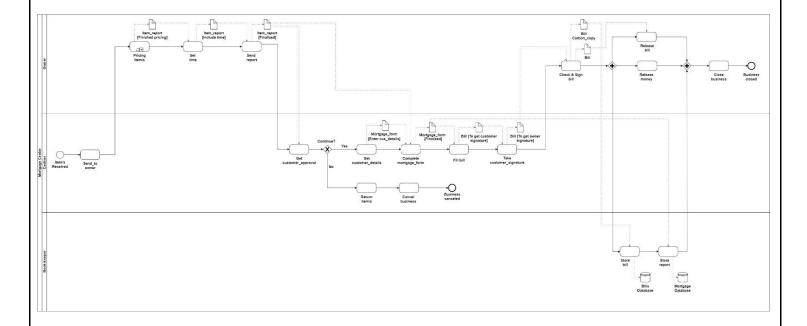
There are two primary subprocesses in this process. They are,

- I. The procedures for determining prices for gold-made goods.
- II. setting interest rates on gold-based commodities.

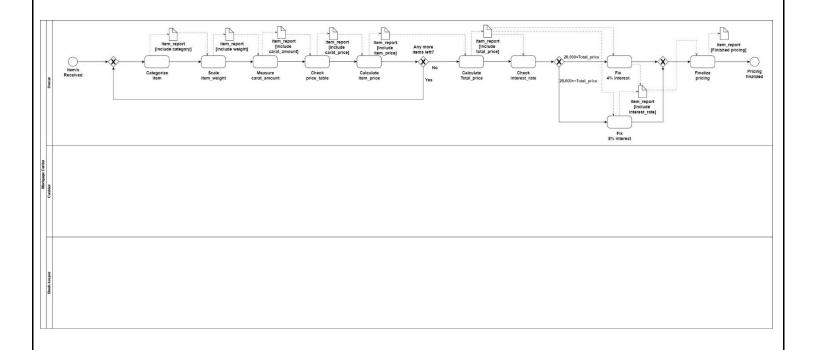
The transaction begins when the client takes their gold items into the pawning center and is completed when they are given the funds and the mortgage bill.

Follow shown the as-is diagram to this process.

❖ As is process diagram



❖ As is sub-process diagram

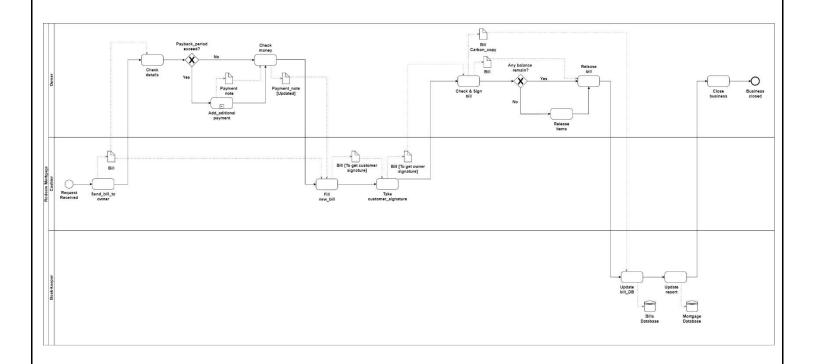


2. Redeem gold items from the pawning center.

Customers recover their pawned goods during this procedure. The customer has the option of paying off the mortgage in whole or in partial installments. After a partial payment, the mortgage profile will be renewed, and after a customer has made the entire payment, they will receive the payment confirmation receipt and the item(s) they have redeemed.

Here, the business process begins when the customer brings the cash amount to be redeemed, and it terminates when the pawned item is renewed with a partial payment or redeemed with a full payment.

❖ As is process diagram

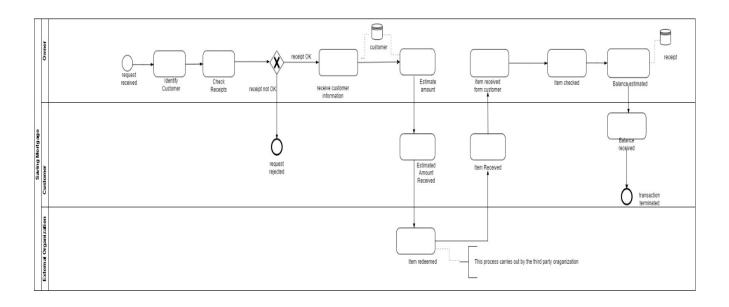


3. Saving the gold items that will be lost to a particular organization and giving an appropriate amount to the customer.

When a customer requests DK Pawning Center to save their gold item, which is pawned under another company, they first identify the customer. The company staff checks customer NIC and other relevant details to identify the customer. Next, staff study the pawned item receipts which customer bought and decide whether they are ok to do the business or not. If not, the process will be terminated and if the staff is ok with the business, they estimate an amount and give it to the customer.

The customer will terminate the mortgage with the other company, and the released gold item will be handed over to the DK Pawning center.DK pawning center will again check the received item and calculate the item value again. After the calculation company will keep the gold item, reduce the pre given amount and the balance will be given to the customer. After the customer receives the balance, the business process will be terminated. In this business process, when we identify the customer and give money to the customer, we record all the data and information in two separate ledger books. One is for customer details, and the other is for transaction details.

As is process diagram



Weaknesses in the current business processes.

Current business processes of DK Pawning center carry manually by maintaining a file-based database system. This method has been carried over for years so we have a pile of data and information. This is the main weakness in the system as it leads to many process dysfunctions such as,

- Redundancy of data and information
- Misplacing of data and information
- Causes of human error when entering data
- High time consuming,
- Security issues and privacy laws.

In order to eradicate the weaknesses mentioned above, we suggested them to have a computerized system for their business processes. With this suggestion, we can minimize the above weaknesses as follows.

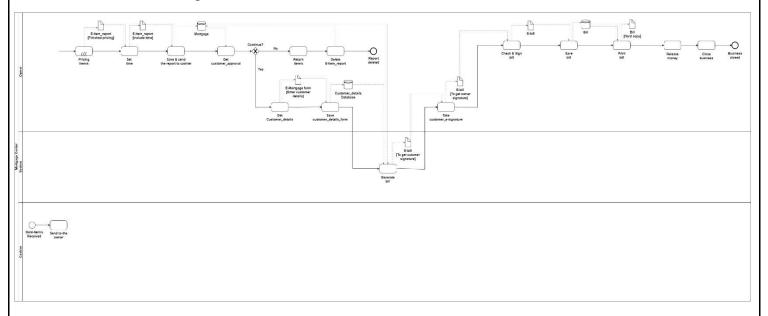
- Providing a computerized system will save time and employee labor and enhance process security.DK Pawning Center is a financial organization which is customer privacy, and customer transaction process details privacy are a must. With a computerized database system, privacy and security both will be granted.
- A computerized database will help staff avoid human errors and data redundancy.
- Also, this helps DK Pawning Center to provide excellent customer service in a minimum period.

Improved Business Processes

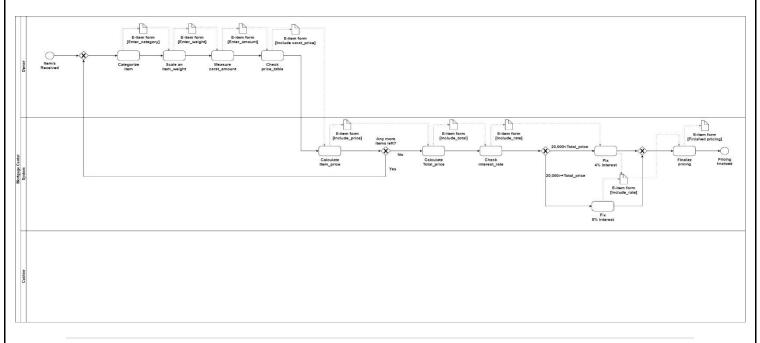
Process 01. Pawning Customer Gold Items

To be diagram

According to the AS IS description of this process, the main weakness here is handling all data in a manual procedure. So, here we suggest having a computerized database to store relevant details and E-bills will be generated so the data will be more secure.

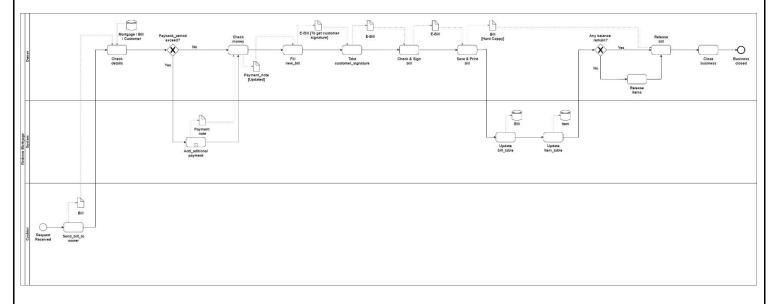


To be sub process diagram.



Process 02. Redeem Gold Items from the pawning center to-be diagram.

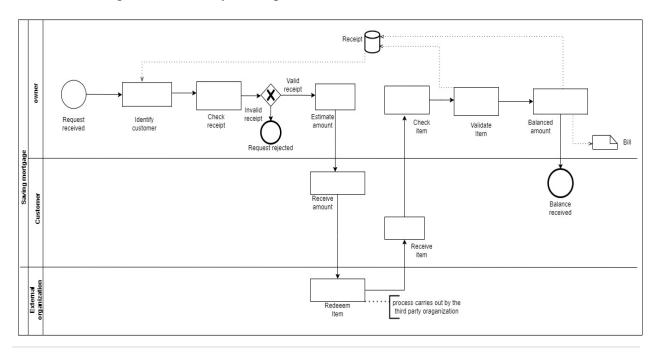
Unlike the as is process, here this suggested to be process doesn't have a bookkeeper to store data. Every transaction will be monitored through the system under the supervision of the owner.



Process 03. Saving the gold items that are going to be lost to a particular organization and giving an appropriate amount to the customer process.

To be diagram

As Is process of this business is bit complex as it has to deal with third party companies.so here we decided to tighten the security of the process and store all details in a shared database.



❖ Gherkin Notation

1 A	В		D	<u>E</u>
Epic	Story	Actor	Component	Behaviour
Mortgage managen	nent View mortgage	Sys admin	User inputs	Feature: view mortgage
		System	Customer NIC	Description: View mortgage
			Mortgage ID	
			Item information	Scenario 01: Existing Customer with NIC
			Total weight	Given: User has permission to access new mortgage
			Total period	When: User clicks on the new mortgage Then: Show the mortgage receipt form to enter input details
				And: user should enter the NIC number of the customer in to the related field
				And: If the inserted NIC number is existing in the database , the personal details are automatically filled by the system
				And: Amount will generated by the system
			App inputs	And: the bill no will be automatically generated by the system
			Bill no	And: User can click on the preview
			Created date=CurrentDateTime	And: the details should be displayed for preview
			Created by = LoggedInUser	And : the details should not be saved in the database
			Amount	
			Actions	Scenario 2: Customer NIC not in the Database
			Preview	Given: user is in mortgage receipt form
			Cancel	When: user insert a customer NIC in the field
				And: the system does not have a matching NIC number in the database
				Then: show the empty form
				And: Enter all the details and amount will auto generated
				And: User clicks on the cancel
				And: Exit from the form
	Add mortgage	System	User inputs	Feature: Create a new mortgage
		sys admin	Customer NIC	Description: Create a new mortgage
			Item information	scenario 1: create a new mortgage with existing Customer details
			Total weight	Given: User has permission to create a new mortgage
			Total period	When: User cliks on new mortgage
				Then: Show the mortgage receipt form to enter input details
				And: user should enter the NIC number of the customer in to the related field
			App inputs Bill no	And: If the inserted NIC number is existing in the database And: the personal details are automatically filled by the system
			Mortgage ID	And: the bill no will be automatically generated by the system
				And: user enter the product & mortgage information
				And: Amount will generated by the system
			Created by = LoggedInUser	And: User can click on the preview
			Amount	And: the details should be displayed for preview
				And: User clicks on the print & save
				And: The data will be saved in the database
			Actions	
			Preview	
			Cancel Save & print	Scenario 2: Create a new mortgage with a new customer details
			save & print	Given: User has permission to create a new mortgage
				When: User cliks on new mortgage
				Then: Show the mortgage receipt form to enter input details
				And: the bill no will be automatically generated by the system
				And: user should enter the NIC number of the customer in to the related field
				And: The system does not have matching NIC in the database
				And: User should fill in all mandatory fields in order to create a new mortgage
				And: Amount will generated by the system
				And: User can click on the preview And: the details should be displayed for preview
				And: User clicks on the print & save
				And: The data will be saved in the database
	Modify mortgage	Sys admin		Feature: Modify mortgage
			Customer NIC	Description: Modify mortgage
			App inputs	Scenario 1: Modify existing mortgage details
			Bill no	Given: User has permission to modify mortgage details
			modified date = CurrentDateTim modified by = LoggedInUser	e When: User enter to the Customer Details form Then: User retrieve an existing details sort by customer NIC
			Mortgage Date	And: click 'more' button
				And: modify the necessary data fields inside mortgage details section
			Actions	And: 'save' will update database with modified details
			Refresh	And: 'refresh' will reset changes
			Delete	And: 'delete' will delete all the records belongs to a perticular mortgage ID
			Save	
			Back	
	Print mortgage	System	Actions	Feature: save & print the mortgage
		Sys admin	Save & print	Description: Save & print the mortgage
			Cancle	Scenario 1: save & print a new mortgage form Given: User has permission to print the mortgage form
				When: User finish the preview of the mortgage
				Then: User clicks on the save & print
				And: The data will be saved in the database
				And: print the mortgage reciept

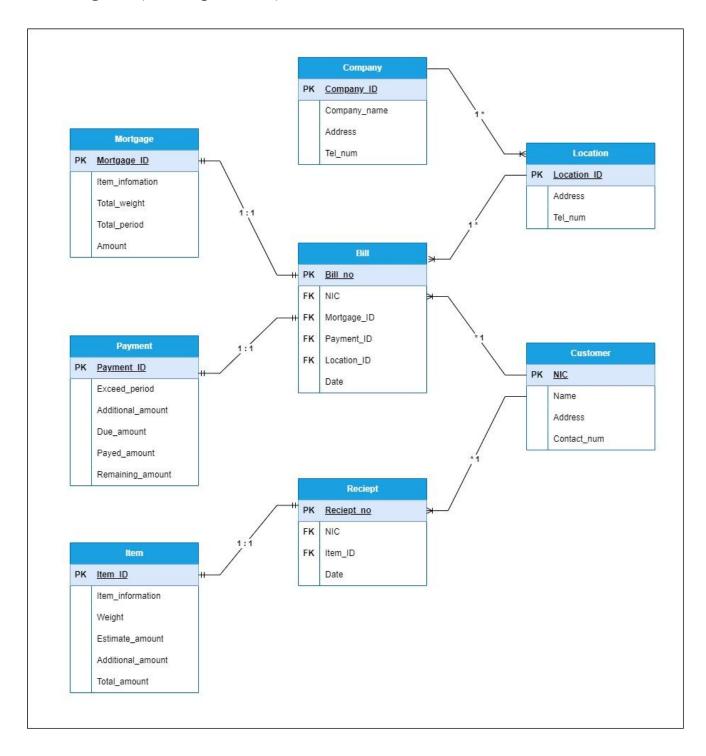
Company management	View Company	Sys admin	User Inputs	Feature: view company
			Company ID	Description: view company
			Company name	
				Scenario1: view company
			App input	Given: user has permission to access the company details
			Selected company ID	When: user clicks on the specific company
				Then: show the company details
			Display	
			Company ID	
			Company name	
			Address	
			Telephone	
			Location ID	
			Actions	
			back	
			Dack	
	Add	Communication	User inputs	Factors Add a service service
	Add company.	Sys admin		Feature: Add a new company
			Company ID	Description: Add a new company
			Company name	
			Location ID	Scenario 01: Add a new company
			Address	Given: User has permission to add a new company
			Telephone	When: User clicks on the add new company
				Then: Show the add company form to enter input details
			App inputs	And: User should fill in all mandatory fields in order to save the form
			Created date=CurrentDateTime	And: show the details
			Created by =LoggedInUser	
			Actions	
			Save	
			Cancel	
	Modify company	Suc admir	User Inputs	Feature: Edit company
	ourry company	oys aummi	Company ID	Description: Edit a selected company
				Description: Late a Selected Company
			Company Name	Consider Od - Editor constant conserve
			Address	Scenario 01 : Edit a created company.
			Telephone	Given: User has permission to edit the company details
			Location ID	When: User select the company clicks on the edit
				Then: Show the company details
			App inputs	And: Enable the save button if the form is valid and only if the user has per permission
			Last modified date/time	And: Save the data
			Modified by =LoggedInUser	
			Actions	
			Actions Save	
			Save	
			Save	
	B		Save Cancel	
A	В	C	Save Cancel	E
A Location management		C Sys admin	Save Cancel D User Inputs	Feature: View location
A Location management			Save Cancel	-
A Location management			Save Cancel D User Inputs Location ID	Feature: View location Description: View location
A Location management			Save Cancel D User Inputs Location ID App inputs	Feature: View location Description: View location Scenario 01 : View location
A Location management			Save Cancel D User Inputs Location ID	Feature: View location Description: View location Scenario 01 : View location Given: User has permission to access the location details
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A Location management			Save Cancel D User Inputs Location ID App inputs Selected location ID Display	Feature: View location Description: View location Scenario 01 : View location Given: User has permission to access the location details
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A Location management	View location Add location	Sys admin	Save Cancel D User Inputs Location ID App inputs Selected location ID Display Location ID Location address Bill no Telephone Actions Back User Inputs Location ID Bill no Address Telephone App inputs Created date = CurrentDateTime Created by = LoggedInUser Actions Save Cancel User Inputs Location ID Address Location ID Address App inputs Created date = CurrentDateTime Created by = LoggedInUser	Feature: View location Description: View location Scenario 01 : View location Giver: User has permission to access the location details When: User clicks on the specific location Then: Show the location details Feature: Create a new location Description: Create a new location Given: User has permission to create new location Given: User has permission to create new location When: User clicks on the create new location Then: Show the create location form to enter input details and: Click on save And: click on save And: click on save Feature: Edit location Description: Edit a selected location Scenario 01 : Edit a created location Description: Edit a selected location
A Location management	View location Add location	Sys admin	Save Cancel D User Inputs Location ID App inputs Selected location ID Display Location ID Location address Bill no Telephone Actions Back User Inputs Location ID Bill no Address Telephone App inputs Location ID Sill no Created bate = CurrentDateTime Created by = LoggedInUser Actions Save Cancel User Inputs Location ID Loca	Feature: View location Description: View location Scenario 01 : View location Given: User has permission to access the location details When: User licks on the specific location Then: Show the location details Feature: Create a new location Description: Create a new location Scenario 01: Create a new location Scenario 01: Create a new location Then: Show the create location form to enter input details And: User should fill in all mandatory fields in order to save the form And: click on save And: save the details Feature: Edit location Description: Edit a selected location Feature: Edit location Description: Edit a created location Scenario 01 : Edit a created location Given: User has permission to edit the location details
A Location management	View location Add location	Sys admin	Save Cancel D User Inputs Location ID App inputs Selected location ID Display Location ID Location address Bill no Telephone Actions Back User Inputs Location ID Bill no Address Telephone App inputs Created date = CurrentDateTime Created by = LoggedInUser Actions Save Cancel User Inputs Location ID Actions Bill no Address Telephone	Feature: View location Description: View location Scenario 01 : View location Given: User has permission to access the location details When: User licks on the specific location Then: Show the location details Feature: Create a new location Description: Create a new location Scenario 01: Create a new location Scenario 01: Create a new location Given: User has permission to create new location When: User clicks on the create new location Then: Show the create location form to enter input details and: User should fill in all mandatory fields in order to save the form And: click on save And: save the details Feature: Edit location Description: Edit a selected location Scenario 01 : Edit a created location Given: User has permission to edit the location details When: User select the location iclicks on the edit When: User select the location iclicks on the edit
A Location management	View location Add location	Sys admin	Save Cancel D User Inputs Location ID App inputs Selected location ID Display Location ID Location address Bill no Telephone Actions Back User Inputs Location ID Bill no Address Telephone App inputs Created date = CurrentDateTime Created date = CurrentDateTime Created by = LoggedInUser Actions Save Cancel User Inputs Location ID Bill no Address Bill no Telephone	Feature: View location Description: View location Scenario 01 : View location Given: User has permission to access the location details When: User clicks on the specific location Then: Show the location details Feature: Create a new location Description: Create a new location Description: Create a new location Given: User has permission to create new location Given: User has permission to rerate new location When: User clicks on the create new location Then: Show the create location form to enter input details and: User should fill in all mandatory fields in order to save the form And: click on save And: save the details Feature: Edit location Description: Edit a selected location Scenario 01 : Edit a created location Given: User has permission to edit the location details When: User select the location clicks on the edit Then: Show the location details
A Location management	View location Add location	Sys admin	Save Cancel D User Inputs Location ID App inputs Selected location ID Display Location ID Location ID Location ID Location ID Location address Bill no Telephone Actions Back User Inputs Location ID Bill no Address Telephone App inputs Created date = CurrentDateTime Created by = LoggedInUser Actions Save Cancel User Inputs Location ID Address Bill no Telephone App inputs Location ID Location I	Feature: View location Description: View location Given: User has permission to access the location details When: User location details When: User location details Feature: Create a new location Description: Create a new location Description: Create a new location Scenario 01: Create a new location Given: User has permission to create new location When: User clicks on the create new location Then: Show the create location form to enter input details And: User should fill in all mandatory fields in order to save the form And: click on save And: save the details Feature: Edit location Description: Edit a created location Scenario 01: Edit a selected location Scenario 01: Edit a created location location details When: User select the location details When: User select the location dicks on the edit Then: Show the location details
A Location management	View location Add location	Sys admin	Save Cancel D User Inputs Location ID App inputs Selected location ID Display Location ID Location address Bill no Telephone Actions Back User Inputs Location ID Bill no Address Telephone App inputs Created date = CurrentDateTime Created date = CurrentDateTime Created by = LoggedInUser Actions Save Cancel User Inputs Location ID Bill no Address Bill no Telephone	Feature: View location Description: View location Scenario 01 : View location Given: User has permission to access the location details When: User clicks on the specific location Then: Show the location details Feature: Create a new location Description: Create a new location Description: Create a new location Given: User has permission to create new location Given: User has permission to rerate new location When: User clicks on the create new location Then: Show the create location form to enter input details and: User should fill in all mandatory fields in order to save the form And: click on save And: save the details Feature: Edit location Description: Edit a selected location Scenario 01 : Edit a created location Given: User has permission to edit the location details When: User select the location clicks on the edit Then: Show the location details
A Location management	View location Add location	Sys admin	Save Cancel D User Inputs Location ID App inputs Selected location ID Display Location ID Location address Bill no Telephone Actions Back User Inputs Location ID Bill no Address Telephone App inputs Created date = CurrentDateTime Created date = CurrentDateTime Created by = LoggedInUser Actions Save Cancel User Inputs Location ID Bill no Telephone App inputs Created date = CurrentDateTime Created date = CurrentDateTime Created by = LoggedInUser Actions Save Location ID Address Bill no Telephone App inputs Last modified date/time Modified by = LoggedInUser	Feature: View location Description: View location Given: User has permission to access the location details When: User location details When: User location details Feature: Create a new location Description: Create a new location Description: Create a new location Scenario 01: Create a new location Given: User has permission to create new location When: User clicks on the create new location Then: Show the create location form to enter input details And: User should fill in all mandatory fields in order to save the form And: click on save And: save the details Feature: Edit location Description: Edit a created location Scenario 01: Edit a selected location Scenario 01: Edit a created location location details When: User select the location details When: User select the location dicks on the edit Then: Show the location details
A Location management	View location Add location	Sys admin	Save Cancel D User Inputs Location ID App inputs Selected location ID Display Location ID Location address Bill no Telephone Actions Back User Inputs Location ID Bill no Address Telephone App inputs Created date = CurrentDateTime Created by = LoggedInUser Actions Bave Location ID App inputs Created Inputs Location ID L	Feature: View location Description: View location Given: User has permission to access the location details When: User has permission to access the location Then: Show the location details Feature: Create a new location Description: Create a new location Scenario 01: Create a new location Scenario 01: Create a new location Given: User has permission to create new location When: User clicks on the create new location Then: Show the create location form to enter input details And: User should fill in all mandatory fields in order to save the form And: click on save And: save the details Feature: Edit location Description: Edit a created location Scenario 01: Edit a selected location Scenario 01: Edit a selected location Scenario 01: Edit a created location details When: User select the location details When: User select the location in the form is valid and only if the user has permission
A Location management	View location Add location	Sys admin	Save Cancel D User Inputs Location ID App inputs Selected location ID Display Location ID Location address Bill no Telephone Actions Back User Inputs Location ID Bill no Address Telephone App inputs Created date = CurrentDateTime Created date = CurrentDateTime Created by = LoggedInUser Actions Location ID Bill no Address Bill no Telephone App inputs Location ID Address Bill no Telephone Actions Location ID Address Bill no Telephone App inputs Location ID Address Bill no Telephone App inputs Location ID Address Bill no Telephone App inputs Last modified date/time Modified by =LoggedInUser Actions Save	Feature: View location Description: View location Given: User has permission to access the location details When: User location details When: User location details Feature: Create a new location details Feature: Create a new location Description: Create a new location Description: Create a new location Scenario 01: Create a new location Given: User has permission to create new location When: User clicks on the create new location Then: Show the create location form to enter input details And: User should fill in all mandatory fields in order to save the form And: click on save And: save the details Feature: Edit location Description: Edit a created location Scenario 01: Edit a selected location Scenario 01: Edit a selected location edit the location details When: User select the location details When: User select the location dicks on the edit Then: Show the location in the form is valid and only if the user has permission
A Location management	View location Add location	Sys admin	Save Cancel D User Inputs Location ID App inputs Selected location ID Display Location ID Location address Bill no Telephone Actions Back User Inputs Location ID Bill no Address Telephone App inputs Created date = CurrentDateTime Created by = LoggedInUser Actions Bave Location ID App inputs Created Inputs Location ID L	Feature: View location Description: View location Given: User has permission to access the location details When: User location details When: User location details Feature: Create a new location details Feature: Create a new location Description: Create a new location Description: Create a new location Scenario 01: Create a new location Given: User has permission to create new location When: User clicks on the create new location Then: Show the create location form to enter input details And: User should fill in all mandatory fields in order to save the form And: click on save And: save the details Feature: Edit location Description: Edit a created location Scenario 01: Edit a selected location Scenario 01: Edit a selected location edit the location details When: User select the location details When: User select the location dicks on the edit Then: Show the location in the form is valid and only if the user has permission

213 Customer Managemen	l B		l D	
		Sys Admin	User Input	Feature: View Customer
		-,	Customer NIC	Description: View Customer
214 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				
16			App Input	Scenario 01: View Customer
17			NIC	Given: user has permission to access the customer details
18			Name	When: click on 'Customer' button
19			Address	Then: Show the customer details form
.20			Contact_num	And: User enter specific customer NIC number
21				And: show the customer details
22			Actions	
23			Cancle	
24			Refresh	
26	Add Customer	Sys admin	User Inputs	Feature: Create a new customer
27	Add Castomer	Sys dullilli	NIC	Description: create a new customer
28			Name	Description of care of their obstant.
29			Address	Scenario 01: create a new customer
230			Contact_num	Given: User has permisssion to create new customer
31				When: user clicks on the create new mortgage
32			App Inputs	Then: Show the new mortgage form to enter input details
33				And: User should fill in all mandatory fields in order to save the form
34			Created by= LoggedInUser	And: If user clicks on preview, show preview receipt
35			Bill No.	And: On save populate created by fieldby logged in user and created date by current date and time
36				
37			Actions	
58			Preview	
59			Cancel	
40			Save & Print	
41	Modify Contract	Cure Admit	Hear Innuite	Factures Edit Customer
42	Modify Customer	sys Admin	Vser Inputs NIC	Feature: Edit Customer Description: Edit a selected customer
44			NIC	Description. Luit a selected customer
244 245				Scenario 01: Edit a created customer
46			App Inputs	Given: User has permission to edit the customer details
246 247			Last modified date/time	When: user select the Customer or Payments
48			modified by	Then: show the customer details or payment form
248 249 250 251 252 253			· · · · · · · · · · · · · · · · · · ·	And: Enable the customers to edit personal details
50			Actions	And: Enable the save or preview button if the form changes are valid and only if the user has permission to edit customer records.
51			Preview	And: on save populate last modified by field by logged in user and last modified date by current date and time.
52			Refresh	
53			Save	
254			Cancle	
254 255			Cancle	
254 255 A	В	C	D	Ε
254 255 A	B View Bill	C Sys admin	D Actions	E Feature: View bill
254 255 A			D Actions Preview	E Feature: View bill Description: View bill
254 255 A			D Actions	Description: View bill
254 A 82 Bill management 83 84 85			D Actions Preview	Description: View bill scenario 1: Identify the bill customer history
254 A 82 Bill management 83 84 85			D Actions Preview	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details
254 A 885 Bill management 884 885 886 887			D Actions Preview	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button
254 A 885 Bill management 884 885 886 887			D Actions Preview	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details
254 ■ Bill management 83 84 85 86 87 88 89	View Bill	Sys admin	D Actions Preview Cancel	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated
254 ■ Bill management 83 84 85 86 87 88 89		Sys admin	Actions Preview Cancel User inputs	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill
254 ■ Bill management 83 84 85 86 87 88 89	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated
254 ■ Bill management 83 84 85 86 87 88 89	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC Address	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill
554 A Bill management Bill ma	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill
254 ■ Bill management 83 84 85 86 87 88 89	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC Address Name	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Scenario 1: Create a new bill
254 ■ Bill management 83 84 85 86 87 88 89	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Scenario 1: Create a new bill Given: User has permission to create a new bill
254 2555 A 22 Bill management 33 34 44 45 45 45 45 45	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Scenario 1: Create a new bill Given: User has permission to create a new bill When: User clicks on New mortgage
254 2555 A 22 Bill management 33 34 44 45 45 45 45 45	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Scenario 1: Create a new bill Given: User has permission to create a new bill When: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field
A 82 Bill management 83 84 84 85 86 87 88 89 90 91 92 99 99 99 99 99 99 99 99 99 99 99 99	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Scenario 1: Create a new bill Given: User has permission to create a new bill When: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: the linserted NIC number is existing in the database
254 82 Bill management 833 844 85 86 86 87 88 89 99 99 99 99 99 99 99 99 99 99 99	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total amount	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Peature: create a new bill Description: create a new bill Scenario 1: Create a new bill Given: User licks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: If the inserted NIC number is existing in the database And: the personal details are automatically filled by the system
A 82 Bill management 83 84 85 86 87 88 89 99 90 91 92 93 94 99 96 99 90 00 00	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total amount App inputs	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Scenario 1: Create a new bill Scenario 1: Create a new bill Given: User has permission to create a new bill When: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: If the inserted NIC number is existing in the database And: the personal details are automatically filled by the system And: User should fill in all mandatory fields
A 82 Bill management 83 84 85 86 87 88 89 99 90 91 92 93 94 99 96 99 90 00 00	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total amount Additional amount Additional amount Additional amount Additional amount Additional amount	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Scenario 1: Create a new bill Given: User has permission to create a new bill When: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: if the inserted NIC number is existing in the database And: the personal details are automatically filled by the system And: User should fill in all mandatory fields And: User should fill in all mandatory fields And: User preview the details
254 A 82 Bill management 83 Bill management 84 Bill management 85 Bill management 86 Bill management 87 Bill management 89 Bill management 80 Bil	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total amount App inputs	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Given: User has permission to create a new bill Given: User has permission to create a new bill Howen: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: If the inserted NIC number is existing in the database And: the personal details are automatically filled by the system And: User should fill in all mandatory fields And: User preview the details And: Clicks on save & print
254 82 Bill management 833 844 85 86 86 87 88 89 99 99 99 99 99 99 99 99 99 99 99	View Bill	Sys admin	O Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total amount Total amount Otal amount Current Date	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Scenario 1: Create a new bill Given: User has permission to create a new bill When: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: if the inserted NIC number is existing in the database And: the personal details are automatically filled by the system And: User should fill in all mandatory fields And: User should fill in all mandatory fields And: User preview the details
A 82 Bill management 83 83 84 85 86 87 88 89 90 90 91 91 92 93 93 94 95 96 97 99 90 90 90 90 90 90 90 90 90 90 90 90	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total amount Total weight Estimate amount Additional amount Cotal amount Additional amount Additional amount Additional amount Additional amount Additional amount App inputs Bill No Current Date Actions	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Given: User has permission to create a new bill Given: User has permission to create a new bill Howen: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: If the inserted NIC number is existing in the database And: the personal details are automatically filled by the system And: User should fill in all mandatory fields And: User preview the details And: Clicks on save & print
A 82 Bill management 83 83 84 85 86 87 88 89 90 90 91 91 92 93 93 94 95 96 97 99 90 90 90 90 90 90 90 90 90 90 90 90	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total amount App inputs Bill No Current Date Actions Preview	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Given: User has permission to create a new bill Given: User has permission to create a new bill Howen: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: If the inserted NIC number is existing in the database And: the personal details are automatically filled by the system And: User should fill in all mandatory fields And: User preview the details And: Clicks on save & print
A 82 Bill management 83 83 84 85 86 87 88 89 90 90 91 91 92 93 93 94 95 96 97 99 90 90 90 90 90 90 90 90 90 90 90 90	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total amount Total amount Actions Bill No Current Date Actions Preview Cancel	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Given: User has permission to create a new bill Given: User has permission to create a new bill Howen: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: If the inserted NIC number is existing in the database And: the personal details are automatically filled by the system And: User should fill in all mandatory fields And: User preview the details And: Clicks on save & print
A 82 Bill management 83 83 84 85 86 87 88 89 90 90 91 91 92 93 93 94 95 96 97 99 90 90 90 90 90 90 90 90 90 90 90 90	View Bill	Sys admin	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total amount App inputs Bill No Current Date Actions Preview	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Given: User has permission to create a new bill Given: User has permission to create a new bill Howen: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: If the inserted NIC number is existing in the database And: the personal details are automatically filled by the system And: User should fill in all mandatory fields And: User preview the details And: Clicks on save & print
A 82 Bill management 83 83 84 85 86 87 88 89 90 90 91 91 92 93 93 94 95 96 97 99 90 90 90 90 90 90 90 90 90 90 90 90	View Bill Add bill	Sys admin Sys admin System	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total amount Current Date Actions Preview Cancel Save & print	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Scenario 1: Create a new bill Given: User has permission to create a new bill When: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: If the inserted NIC number is existing in the database And: the personal details are automatically filled by the system And: User should fill in all mandatory fields And: User preview the details And: Clicks on save & print And: The data will be saved in the database
A 82 Bill management 83 83 84 85 86 87 88 89 90 90 91 91 92 93 93 94 95 96 97 99 90 90 90 90 90 90 90 90 90 90 90 90	View Bill	Sys admin Sys admin Sys admin System	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total and total Courant Cotal and total Courant Cotal amount Additional amount Total amount App inputs Bill No Current Date Actions Preview Cancel Save & print	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Scenario 1: Create a new bill Given: User has permission to create a new bill When: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: If the inserted NIC number is existing in the database And: User should fill in all mandatory fields And: User preview the details And: Clicks on save & print And: The data will be saved in the database
A 82 Bill management 83 83 84 85 86 87 88 89 90 90 91 91 92 93 93 94 95 96 97 99 90 90 90 90 90 90 90 90 90 90 90 90	View Bill Add bill	Sys admin Sys admin System	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total amount App inputs Bill No Current Date Actions Preview Cancel Sawe & print Actions Save & print	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Scenario 1: Create a new bill Given: User has permission to create a new bill When: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: if the inserted NIC number is existing in the database And: User should fill in all mandatory fields And: User should fill in all mandatory fields And: Clicks on save & print And: Clicks on save & print And: The data will be saved in the database Feature: save & print the mortgage Description: Save & print the mortgage
A 82 Bill management 83 83 84 85 86 87 88 89 90 90 91 91 92 93 93 94 95 96 97 99 90 90 90 90 90 90 90 90 90 90 90 90	View Bill Add bill	Sys admin Sys admin Sys admin System	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total and total Courant Cotal and total Courant Cotal amount Additional amount Total amount App inputs Bill No Current Date Actions Preview Cancel Save & print	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Scenario 1: Create a new bill Given: User has permission to create a new bill When: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: If the inserted NIC number is existing in the database And: the personal details are automatically filled by the system And: User should fill in all mandatory fields And: User preview the details And: Clicks on save & print And: The data will be saved in the database Feature: save & print the mortgage Description: Save & print the mortgage Description: Save & print the mortgage
A 82 Bill management 83 83 84 85 86 87 88 89 90 90 91 91 92 93 93 94 95 96 97 99 90 90 90 90 90 90 90 90 90 90 90 90	View Bill Add bill	Sys admin Sys admin Sys admin System	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total amount App inputs Bill No Current Date Actions Preview Cancel Sawe & print Actions Save & print	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Given: User has permission to create a new bill When: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NiC number of the customer in to the related field And: if the inserted NiC number is existing in the database And: the personal details are automatically filled by the system And: User should fill in all mandatory fields And: Clicks on save & print And: Clicks on save & print And: The data will be saved in the database Feature: save & print the mortgage Description: Save & print the mortgage Description: Save & print the mortgage form Given: User has permission to print the mortgage form Given: User has permission to print the mortgage form
A 82 Bill management 83 83 84 85 86 87 88 89 90 90 91 91 92 93 93 94 95 96 97 99 90 90 90 90 90 90 90 90 90 90 90 90	View Bill Add bill	Sys admin Sys admin Sys admin System	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total amount App inputs Bill No Current Date Actions Preview Cancel Sawe & print Actions Save & print	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Given: User has permission to create a new bill When: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NiC number of the customer in to the related field And: If the inserted NiC number is existing in the database And: the personal details are automatically filled by the system And: User should fill in all mandatory fields And: Clicks on sawe & print And: The data will be saved in the database Feature: save & print the mortgage Description: Save & print the mortgage Description: Save & print a new mortgage form Given: User has permission to print the mortgage receipt
A 82 Bill management 83 83 84 85 86 87 88 89 90 90 91 91 92 93 93 94 95 96 97 99 90 90 90 90 90 90 90 90 90 90 90 90	View Bill Add bill	Sys admin Sys admin Sys admin System	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total amount App inputs Bill No Current Date Actions Preview Cancel Sawe & print Actions Save & print	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Scenario 1: Create a new bill Given: User has permission to create a new bill When: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: If the inserted NIC number is existing in the database And: the personal details are automatically filled by the system And: User should fill in all mandatory fields And: User preview the details And: Clicks on save & print And: The data will be saved in the database Feature: save & print the mortgage Description: Save & print the mortgage Description: Save & print a new mortgage form Given: User has permission to print the mortgage form Given: User has permission to print the mortgage form
254 A 82 Bill management 83 Bill management 84 Bill management 85 Bill management 86 Bill management 87 Bill management 89 Bill management 80 Bil	View Bill Add bill	Sys admin Sys admin Sys admin System	D Actions Preview Cancel User inputs NIC Address Name Mortgage ID Contact Total weight Estimate amount Additional amount Total amount App inputs Bill No Current Date Actions Preview Cancel Sawe & print Actions Save & print	Description: View bill scenario 1: Identify the bill customer history Given: User has permission to access the bill details When: User click preview button Then: The bill will preview with details entered and date will auto generated Feature: create a new bill Description: create a new bill Scenario 1: Create a new bill Given: User has permission to create a new bill When: User clicks on New mortgage Then: Show the mortgage receipt form to enter input details And: the bill no will be automatically generated by the system And: user should enter the NIC number of the customer in to the related field And: If the inserted NIC number is existing in the database And: User preview the details are automatically filled by the system And: User preview the details And: Clicks on save & print And: The data will be saved in the database Feature: save & print the mortgage Description: Save & print the mortgage Description: Save & print the mortgage Given: User has permission to print the mortgage form Given: User has permission to print the mortgage receipt Then: User clicks on the save & print

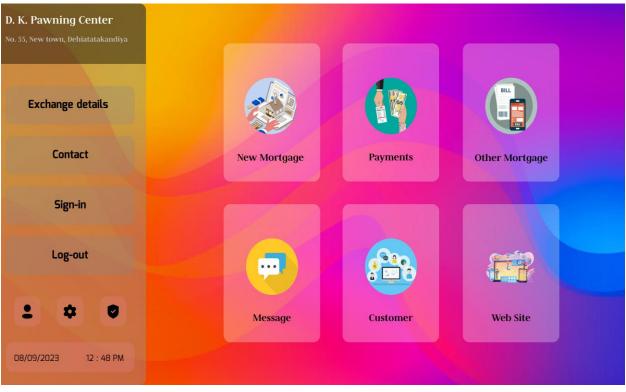
4 ^				
325 Payment Managemen	t Vious Parmont	Suc Admi-	User Input	Feature: View Payment
225 Payment Managemen	it view Payment	Sys Admin	NIC NIC	Description: View Payment
227			NIC	Description: View Payment
328			App Input	Scenario 01: View Payment
326 327 328 329 330 331 332 333 334 335 336 337 338 339			Selected Pay ID	Given: user has permission to access the Payment details
330			Display	When: User clicks on customer button
331			Pay ID	Then: show customer details form
332			Exceed period	And: Customer details will fill as pre saved.
333			Additional amount	And: click 'more' button
334			Due amount	And: Payment details for a specific payment will display
335			Payed_amount	
336			Remaining_amount	
337			0_	
338			Actions	
339			Go back	
340				
341	Add Payment	Sys Admin	User Inputs	Feature: Create a Payment
342			Bill No	Description: create a Payment
343				
344				Scenario 01: create a Payment
345			App Inputs	Given: User has permisssion to create Payment
346				
347			Created by= LoggedInUser	Then: Show the create Payment form to enter input details
348				And: User enter bill number and all the fields will fill except amount paid column
349				And: User should fill amount paid column
340 341 342 343 344 345 346 347 348 349 350 351 352 353 353 354 355 366 367 361 362 363 363 361 365 367 368 369 370 371				And: If user clicks on preview, show preview bill
351			Actions	
352			PreviewCancel	And: On save populate created by fieldby logged in user and created date by current date and time
353			Display	When: User clicks on customer button
354			Pay ID	Then: show customer details form
355			Exceed_period	And: Customer details will fill as pre saved.
356			Additional_amount	And: click 'more' button
357			Due_amount	And: Payment details for a specific payment will display
358			Payed_amount	
359			Remaining_amount	
360			Author	
361			Actions Go back	
362			Go back	
264	Print payment	System	Actions	Feature: save & print the payment
365	riiit payment	Sys admin	Save & print	Description: Save & print the payment
366		Jys aumin	Cancle	Scenario 1: save & print a new payment form
367			Cancie	Given: User has permission to print the payment form
368				When: User finish the preview of the payment reciept
369				Then: User clicks on the save & print
370				And: The data will be saved in the database
371				And: The data will be saved in the database
372				, p-1
373	Modify payment	Svs Admin	User inputs	Feature: Modify payment
374	, ,,	,	Customer NIC	Description: Modify payment
375				
376				
377			App inputs	Scenario 1: Modify existing payment details
378			Bill no	Given: User has permission to modify payment details
379			modified date = CurrentDateTime	When: User enter to the Customer Details form
380			modified by = LoggedInUser	Then: User retrieve an existing details sort by customer NIC
381			Mortgage Date	And: click 'more' button
382				And: modify the necessary data fields inside payment section
383				And: 'save' will update database with modified details
384			Hidden	And: 'refresh' will reset changes
385			Payment_ID	And: 'delete' will delete all the records belongs to a perticular mortgage ID
386				
387				
388			Actions	
376 377 378 379 380 381 382 383 384 385 386 387 388 399 390			Preview Refresh	
390			Cancel Delete	
391			Save	
392 393			Back	
393				

A	B	C	D	E
289 Receipt Management 290	View Receipt	Sys Admin	App Input	Feature: View Receipt
290			Reciept number Date	Description: View Receipt
291 292 293 294			Display	Scenario 01: view Receipt
293			Reciept number	Given: user has permission to access the Receipt details
294			recicpe number	When: User in receipt form
295 296 297			Actions	Then: Click preview button
296			Cancle	And: The receipt will preview with details entered and date will auto generated
297			Preview	
298				
299 300 301 302 303 304 305				
300	Add Receipt	Sys Admin	User Inputs	Feature: Create a new Receipt
301			NIC	Description: create a new Receipt
302			Name	
303			Address	Scenario 01: create a new Receipt
304			Contact Number	Given: User has permisssion to create new Receipt
305			App Inputs	When: user clicks on the Other Mortgage Then: Show the Item receipt form to enter input details
306 307 308				And: the Item no will be automatically generated by the system
308			Created by= LoggedInUser	And: user should enter the NIC number of the customer into the related field
309			Item No.	And: If the inserted NIC number is existing in the database
310				And: the personal details are automatically filled by the system
311			Actions	And: User should fill in all mandatory fields
312			Preview	And: User preview the details
313			Cancle	And: Clicks on save & print
314			Save	And: The data will be saved in the database
315				
316	Print receipt	System	Actions	Feature: save & print the item
317		Sys admin	Save & print	Description: Save & print the item
318			Cancle	Scenario 1: save & print a new item form
319				Given: User has permission to print the item form
320				When: User finish the preview of the item reciept
321 322				Then: User clicks on the save & print And: The data will be saved in the database
323				
323 324				And: print the item reciept
323 324	l B			
323 324 A A	B View Item	C Sys Admin	D User Input	And: print the item reciept E
323 324 A A 258 Item Management 259	B View Item		D User Input NIC	
323 324 A A 258 Item Management 259			User Input	And: print the item reciept E Feature: View Item
323 324 A 256 Item Management 259 260 261			User Input	And: print the item reciept E Feature: View Item
323 324 A 258 Item Management 259 260 261 262			User Input NIC	And: print the item reciept E Feature: View Item Description: View Item Scenario 01: view Item Given: user has permission to access the Item details
323 324 A 258 Item Management 259 260 261 262			User Input NIC App Input Selected Item ID	And: print the item reciept E Feature: View Item Description: View Item Scenario 01: view Item Given: user has permission to access the Item details When: User clicks on the specific Item
323 324 A 258 Item Management 259 260 261 262			User Input NIC App Input Selected Item ID Display	And: print the item reciept E Feature: View Item Description: View Item Scenario 01: view Item Given: user has permission to access the Item details
323 324 A 258 Item Management 259 260 261 262			User Input NIC App Input Selected Item ID Display Item ID	And: print the item reciept E Feature: View Item Description: View Item Scenario 01: view Item Given: user has permission to access the Item details When: User clicks on the specific Item
323 324 A 250 Item Management 259 260 261 262 262 263 264 265 266			User Input NIC App Input Selected Item ID Display	And: print the item reciept E Feature: View Item Description: View Item Scenario 01: view Item Given: user has permission to access the Item details When: User clicks on the specific Item
323 324 A 250 Item Management 259 260 261 262 262 263 264 265 266			User Input NIC App Input Selected Item ID Display Item ID Item Name	And: print the item reciept E Feature: View Item Description: View Item Scenario 01: view Item Given: user has permission to access the Item details When: User clicks on the specific Item
323 324 A 258 Item Management 259 260 261 262 263 264 265 266 267 268			User Input NIC App Input Selected Item ID Display Item ID Item Name Actions	And: print the item reciept E Feature: View Item Description: View Item Scenario 01: view Item Given: user has permission to access the Item details When: User clicks on the specific Item
323 324 A 258 Item Management 259 260 261 262 262 263 264 265 266 267 268 269			User Input NIC App Input Selected Item ID Display Item ID Item Name	And: print the item reciept E Feature: View Item Description: View Item Scenario 01: view Item Given: user has permission to access the Item details When: User clicks on the specific Item
323 324 A 258 Item Management 259 260 261 262 262 263 264 265 266 267 268 269	View Item	Sys Admin	User Input NIC App Input Selected Item ID Display Item ID Item Name Actions Go back	And: print the item reciept Feature: View Item
323 324 A 258 Item Management 259 260 261 262 262 263 264 265 266 267 268 269			User Input NIC App Input Selected Item ID Display Item ID Item Name Actions Go back User Inputs	And: print the item reciept E
323 324 A 258 Item Management 259 260 261 262 262 263 264 265 266 267 268 269	View Item	Sys Admin	User Input NIC App Input Selected Item ID Display Item ID Item Name Actions Go back	And: print the item reciept Feature: View Item
323 324 A 258 Item Management 259 260 261 262 262 263 264 265 266 267 268 269	View Item	Sys Admin	User Input NIC App Input Selected Item ID Display Item ID Item ID Item Name Actions Go back User Inputs Total weight	And: print the item reciept E
323 324 A 258 Item Management 259 260 261 262 262 263 264 265 266 267 268 269	View Item	Sys Admin	User Input NIC App Input Selected Item ID Display Item ID Item ID Item Selected Item ID User Inputs Total weight Estimated amount Additional amount Total amount	And: print the item reciept E
323 324 A 258 Item Management 259 260 261 262 262 263 264 265 266 267 268 269	View Item	Sys Admin	User Input NIC App Input Selected Item ID Display Item ID Item Name Actions Go back User Inputs Total weight Estimated amount Additional amount	And: print the item reciept E
323 324 A 258 Item Management 259 260 261 262 262 263 264 265 266 267 268 269	View Item	Sys Admin	User Input NIC App Input Selected Item ID Display Item ID Item ID Item Name Actions Go back User Inputs Total weight Estimated amount Additional amount Total amount Product Information	And: print the item reciept E
323 324 A 258 Item Management 259 260 261 262 262 263 264 265 266 267 268 269	View Item	Sys Admin	User Input NIC App Input Selected Item ID Display Item ID Item Name Actions Go back User Inputs Total weight Estimated amount Additional amount Total amount Product Information App Input	And: print the item reciept E
323 324 A 258 Item Management 259 260 261 262 262 263 264 265 266 267 268 269	View Item	Sys Admin	User Input NIC App Input Selected Item ID Display Item ID Item Name Actions Go back User Inputs Total weight Estimated amount Additional amount Total amount Product Information App Input created date= CurrentDateTime	And: print the item reciept E
323 324 A 258 Item Management 259 260 261 262 263 264 265 266 267 268 269 270 271 271 272 273 274 275 276 277 278 278 279 280	View Item	Sys Admin	User Input NIC App Input Selected Item ID Display Item ID Item ID Item Name Actions Go back User Inputs Total weight Estimated amount Additional amount Total amount Product Information App Input created date= CurrentDateTime Created by= LoggedinUser	And: print the item reciept E
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323 324 A 258 Item Management 259 260 261 262 263 264 265 266 267 268 269 270 271 271 271 272 273 274 275 276 277 278 279 278 279 280 281 282	View Item	Sys Admin	User Input NIC App Input Selected Item ID Display Item ID Item Name Actions Go back User Inputs Total weight Estimated amount Additional amount Trotal wount Product Information App Input created date= CurrentDateTime Created by= LoggedInUser Reciept number Actions	And: print the item reciept E
323 324 ▲ A 258 Item Management 259 260 261 262 263 264 265 266 267 277 272 273 274 275 274 275 277 277 277 277 277 277 277 277 277	View Item	Sys Admin	User Input NIC App Input Selected Item ID Display Item ID Item Name Actions Go back User Inputs Total weight Estimated amount Additional amount Total amount Product Information App Input created date= CurrentDateTime Created by= LoggedInUser Reciept number Actions Preview	And: print the item reciept E
323 324 A 258 Item Management 259 260 261 262 263 264 265 266 267 268 269 270 271 271 271 272 273 274 275 276 277 278 279 278 279 280 281 282	View Item	Sys Admin	User Input NIC App Input Selected Item ID Display Item ID Item Name Actions Go back User Inputs Total weight Estimated amount Additional amount Trotal wount Product Information App Input created date= CurrentDateTime Created by= LoggedInUser Reciept number Actions	And: print the item reciept E

***** ER diagram (For all processes)



❖ Wire-frame diagrams



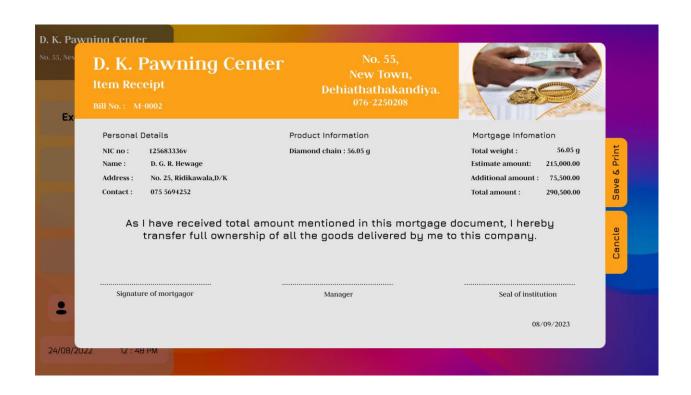


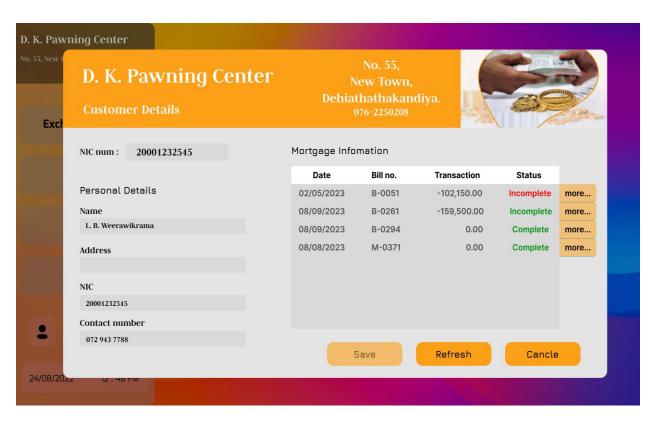














***** References

Process flow diagrams: https://mega.nz/folder/61h0zAQS#1GTpQxfNY6YUPVOiW_aVlw
Gherkin notation: https://mega.nz/folder/zw4kUTaY#adlQ2kYGkmhucpzrmz 4tw