

1. Login Screen

This is the initial screen displayed when the system is launched. The user is an employee of the bank and has the Username and Password issued by the bank. These need to be validated before providing access to the Customer One System modules.

Welcome to Customer One System

*User Name:

*Password :

Submit

Refresh

Validations

- a) Validate the Username and Password against the Employee table.

Processing

- a) If the Username and Password combination is valid,
Direct the user to “Customer one System Main Menu” screen.
- b) If “Refresh” is clicked, clear the screen fields.

2. Customer One System Main menu

Customer One System – Main Menu

[De-duplication](#)

[Customer Search](#)

[Add New Customer](#)

Processing

- a) If “De-duplication” is selected, Display the “De-duplication” Screen.
- b) If “Customer Search” is selected, display the “Search Customers” screen.
- c) If “Add New Customer” is selected, display the “Add New Customer” screen.

3. De-duplication

This screen is used to de-duplicate customer data from account records. Account details are displayed in the order of Account holder name and PAN Number. Bank employee can identify the accounts belonging to the same customer based on name, address, date of birth and PAN number. Such accounts are marked for de-duplication. The customer record is created and the accounts are updated with the customer ID.

Check	Account Number	Account Holder name	Address line1	Address line2	City	Pin code	Contact Number	<u>Date</u> <u>Of</u> <u>Birth</u>	Status	PAN Number
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										
<input type="checkbox"/>										

De-duplicate

Refresh

Back

Validations

- At least one check box should be selected.
- If de-duplicate is selected
 - All accounts selected should have the same PAN number and date of birth (if data is present)

Processing

The Screen should display only those accounts which do not have a customer id associated with them (ie. These accounts have not been de-duplicated yet)

- For the selected accounts, generate the customer id, create a customer record in customer table and update the account records with the customer id.
- If The Employee clicks on “Refresh” button, refresh the account details.

- c) If “Back” is clicked, return to “Customer One System – Main Menu” screen.

4. Customer Search

This screen is used to search for an existing customer using one of the following fields. All customers matching the given criteria will be displayed.

Name
Customer ID
Date of Birth
Account Number
Email id
PAN Card number
Contact number

CUSTOMER SEARCH

Name	<input type="text"/>	
Customer ID	<input type="text"/>	
Date of Birth	<input type="text"/>	dd/mm/yyyy
Account Number	<input type="text"/>	
Email Id	<input type="text"/>	
PAN Number	<input type="text"/>	
Contact Number	<input type="text"/>	

Search

Refresh

Back

Processing

- If “Search” is selected, list all customers matching the given criteria, in the order of customer name. If no criteria is specified, display all customers in “List of Customers” screen.
- If “Refresh”, clear values in all fields.
- If “Back” is selected, display the “Customer One System – Main Menu”

Customer One System
Detailed Design Specifications



screen

5. List of Customers (search results)

The screen displays a list of customers matching the given criteria, in the order of customer name. If no criteria is specified, all customers are displayed.

List of Customers					
Name	Customer ID	Date of Birth	Email id	PAN Number	Contact No
<div>Back</div>					

Processing

- When user clicks on Customer ID, display the “Customer details” screen.
- If “Back” is selected, display the “Customer Search” screen

6. Customer Details

This screen displays details of customer, along with his accounts.

CUSTOMER DETAILS

Name **xxxxxxxxxx**

Date of Birth **DD/MM/YYYY**

Address **xxxxxxxxxxxxxxxxxxxxxx**
xxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxx
xxxxxx

Email Id **xxxxxxxxxxxxxxxxxxxxxx**

PAN Number **xxxxxxxxxx**

Contact Number **xxxxxxxxxxxxxx**

Occupation **xxxxxxxxxxxxxx**

Monthly Income **xxxxxxxxxx**

Account Number	Account Type	Balance

Back

Processing

- a) If “Back” is selected, display the “List of Customers” screen.

7. Add New Customer

This screen is used to add a new customer.

ADD CUSTOMER

*Name	<input type="text"/>	
*Date of Birth	<input type="text"/>	e.g: dd/mm/yyyy
* Address	<input type="text"/>	
* City	<input type="text"/>	
* Pincode	<input type="text"/>	
Email Id	<input type="text"/>	
PAN Number	<input type="text"/>	
*Contact Number	<input type="text"/>	
*Occupation	<input type="text"/>	
Monthly Income	<input type="text"/>	
*User id	<input type="text"/>	
*Password	<input type="text"/>	
* Re-enter Password	<input type="text"/>	
	<input type="button" value="Submit"/>	<input type="button" value="Back"/>

Validations

- In case there is a customer already existing in the system with the same date of birth and PAN number, give a warning message that the customer may be a duplicate. User can either proceed or cancel the transaction.
- Occupation should be one of the following : Salaried, Self-employed / professional, Business, student, Retired, Agriculture, Others
- Date of Birth should not be a future date

d) Password and Re-enter password should be identical.

Processing

- a) If “Submit” is selected, generate the next customer id and save details in customer Table
- b) If “Back” is selected, display the “Customer One System” screen.