

A woman with long brown hair and glasses is looking down at a laptop. The background is a blurred office with other people. The text 'BANK MANAGEMENT SYSTEM' is overlaid in a bold, teal font.

BANK MANAGEMENT SYSTEM

User Manual

GROUP MEMBERS :

- 1. ANUDEEP S - B210457CS**
- 2. SAURAV S - B210573CS**
- 3. R GNANADEEP - B210455CS**
- 4. AFTHAB HYDER - B210443CS**

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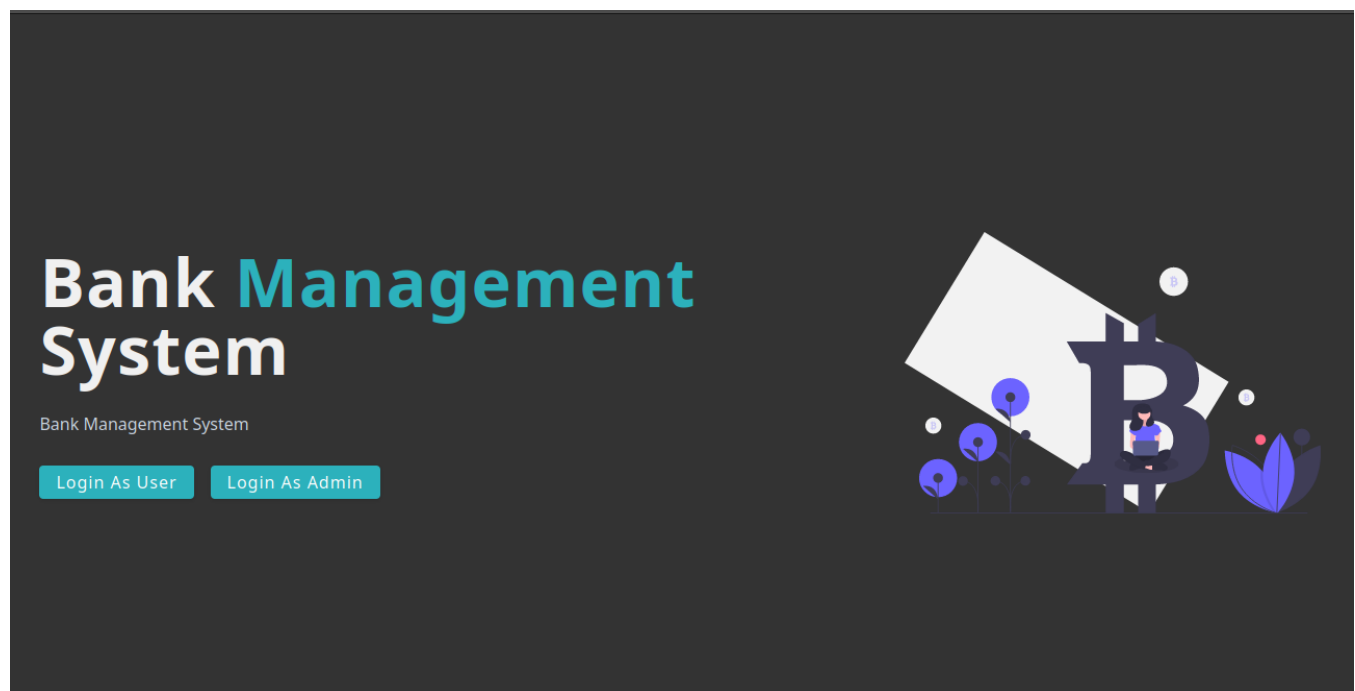
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LANDING PAGE

The landing page allows a user to choose customer mode or admin mode . The user is directed to the corresponding login page.

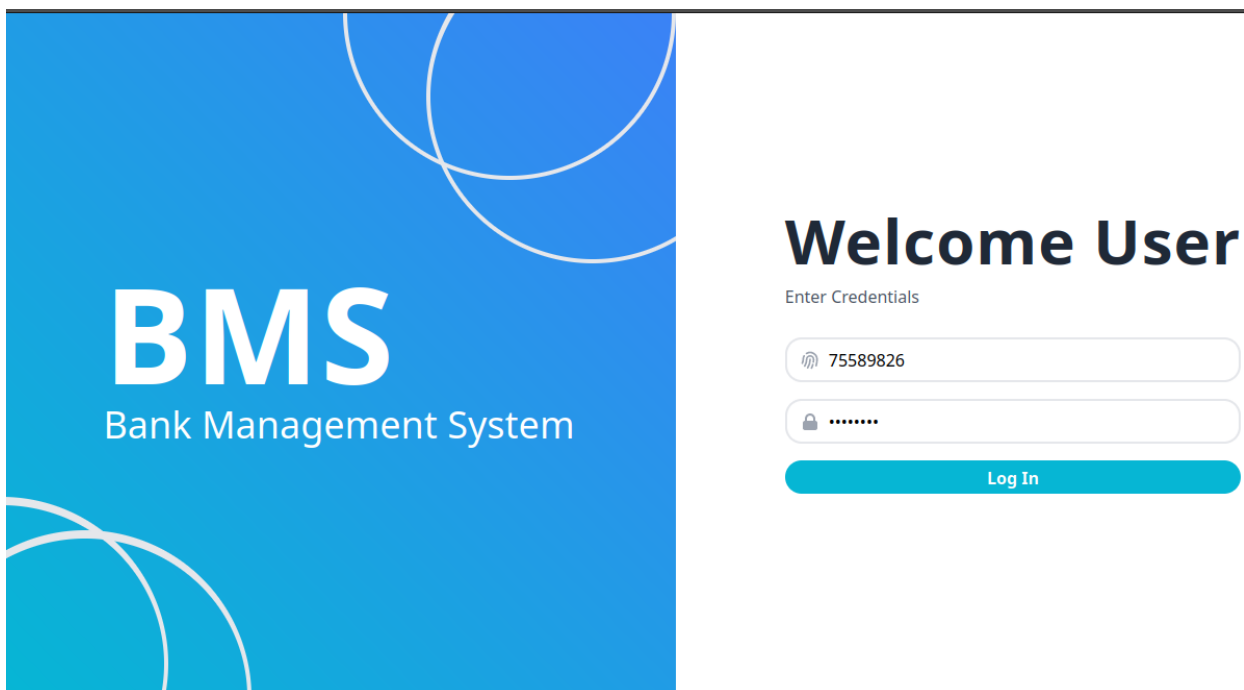


USER MANUAL FOR CUSTOMERS

I. USER LOGIN

While in customer mode , the user can enter their Username and Password to login. If the credentials are correct the user will be directed to their dashboard. The login attempt fails if the Username and Password given do not match

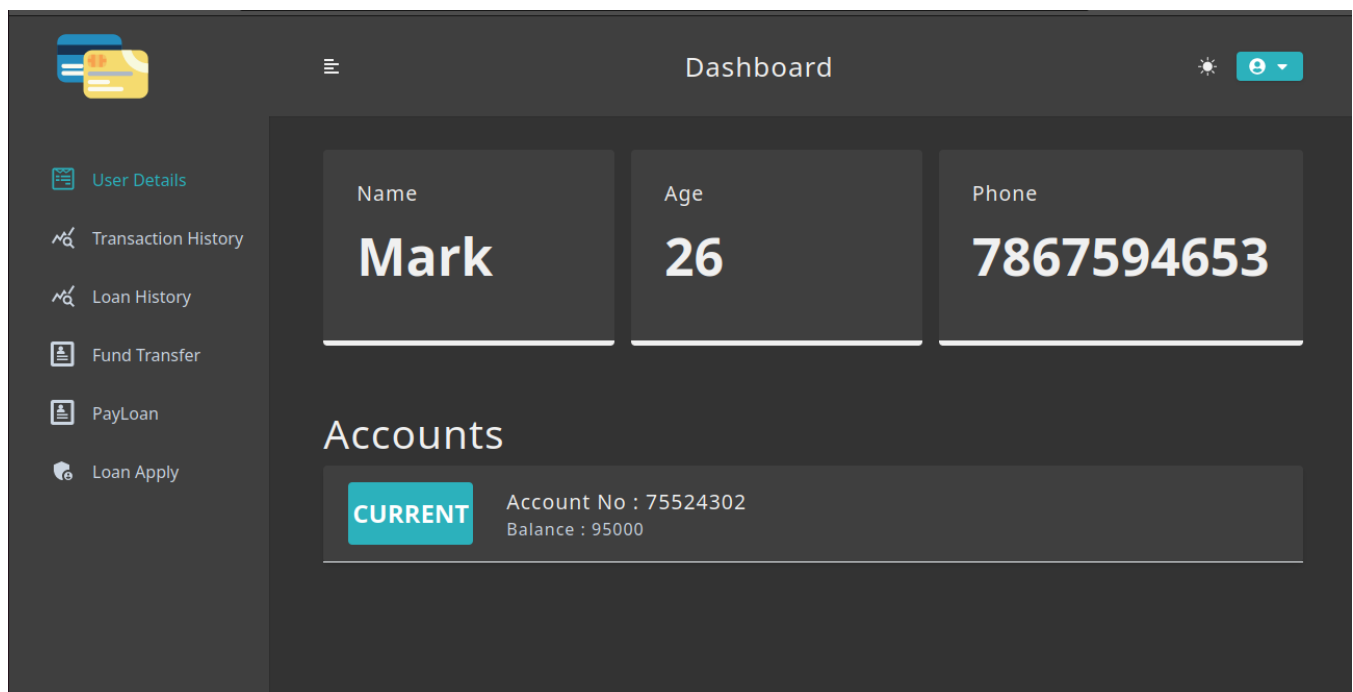
Note : A customer can not register themselves. The facility to register customers is reserved only for admins.



The image shows a login interface for a system called BMS (Bank Management System). On the left, there is a blue rectangular area with the text "BMS" in large white letters and "Bank Management System" in smaller white letters below it. On the right, there is a white area with the heading "Welcome User" in bold black text. Below the heading is the text "Enter Credentials". There are two input fields: the first one contains the number "75589826" and has a fingerprint icon on the left; the second one contains seven dots "*****" and has a lock icon on the left. Below these fields is a blue button with the text "Log In" in white.

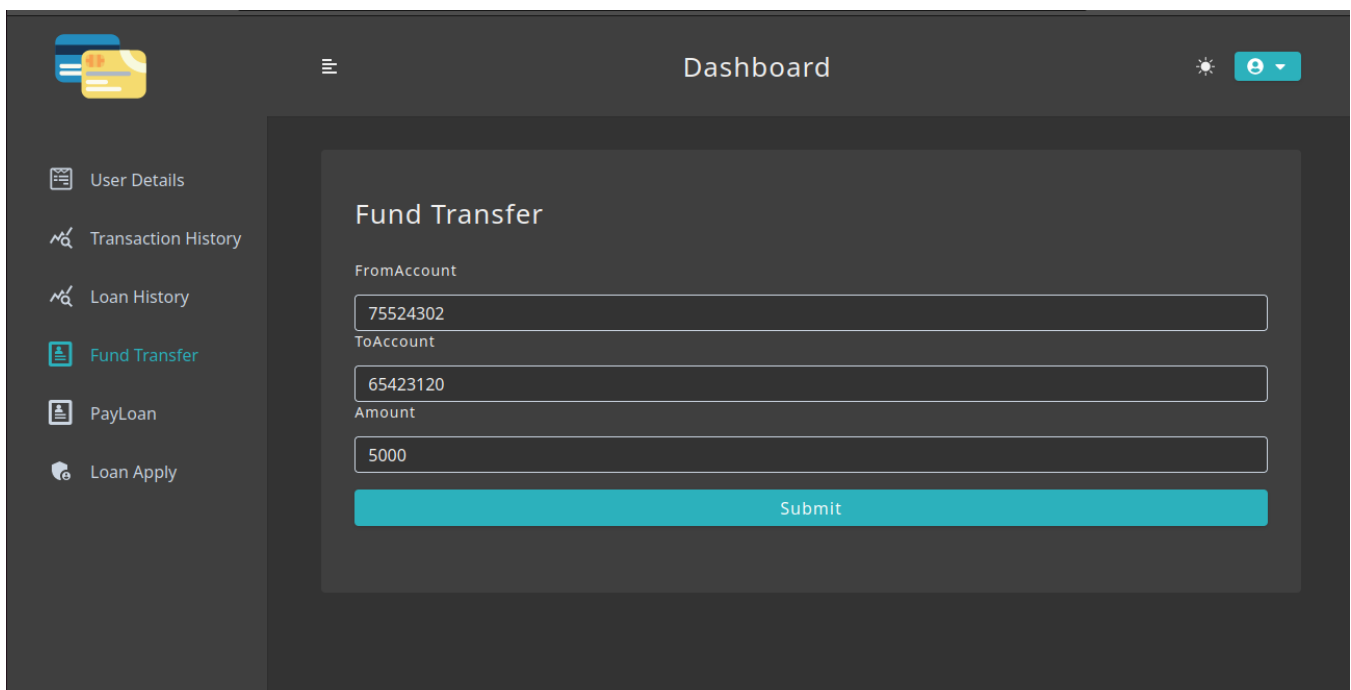
2. CUSTOMER DASHBOARD

After a successful login , the customer shall be directed to their dashboard. The dashboard views the basic information of the customer such as username, age, phone number and all the accounts maintained by the user. The user can navigate to other functionalities of the app through the dashboard.



3. TRANSFER FUNDS

This functionality allows a customer to transfer money from one of their account to any other account. The user shall enter the 'From Account' , 'To Account' and the amount to be transferred. The amount will be transferred from the 'From Account' to the 'To Account'. The transaction fails if either of the accounts do not exist or if the 'From Account' has insufficient balance.

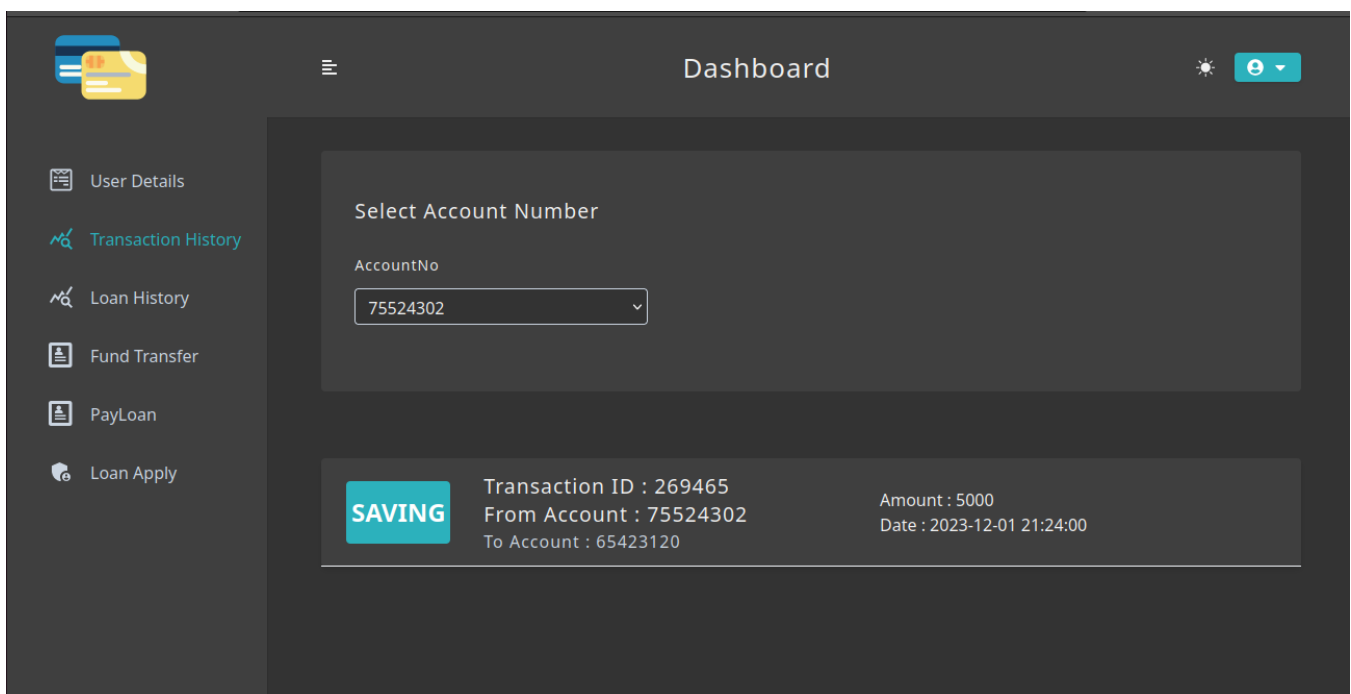


The screenshot displays a web application dashboard with a dark theme. On the left is a sidebar menu with icons and labels for 'User Details', 'Transaction History', 'Loan History', 'Fund Transfer' (highlighted in teal), 'PayLoan', and 'Loan Apply'. The main content area is titled 'Dashboard' and features a 'Fund Transfer' form. The form contains three input fields: 'FromAccount' with the value '75524302', 'ToAccount' with the value '65423120', and 'Amount' with the value '5000'. A teal 'Submit' button is positioned at the bottom of the form.

Field	Value
FromAccount	75524302
ToAccount	65423120
Amount	5000

4. TRANSACTION HISTORY

The user can view their transaction history in this page. The user shall select one of the accounts they own. Then the details of the transactions made and received by the corresponding accounts will be displayed.



The screenshot displays a banking dashboard with a dark theme. On the left is a sidebar menu with icons and labels for 'User Details', 'Transaction History' (highlighted in teal), 'Loan History', 'Fund Transfer', 'PayLoan', and 'Loan Apply'. The main content area is titled 'Dashboard' and features a 'Select Account Number' section with a dropdown menu showing '75524302'. Below this, a transaction card is shown with a teal 'SAVING' label, 'Transaction ID : 269465', 'From Account : 75524302', 'To Account : 65423120', 'Amount : 5000', and 'Date : 2023-12-01 21:24:00'.

Transaction ID	From Account	To Account	Amount	Date
269465	75524302	65423120	5000	2023-12-01 21:24:00

5. LOAN APPLY

The user can apply for loans via this page. The user shall enter the required amount and the number of payments(duration) of the loan. The app shall then display the monthly payments to be made for the loan. If the user is satisfied with the monthly payment amount , they can submit the request for the loan. The request shall await approval from an admin.

The screenshot shows a mobile application interface with a dark theme. On the left is a sidebar menu with icons and labels for 'User Details', 'Transaction History', 'Loan History', 'Fund Transfer', 'PayLoan', and 'Loan Apply' (which is highlighted in green). The main area is titled 'Dashboard' and features three large cards displaying loan summary information: 'FixedAmount: 1776.98', 'Payments: 12', and 'Total Amount: 20000'. Below these cards is a section titled 'Enter Details' containing three input fields: 'AccountNo' with the value '65423120', 'TotalAmount' with the value '20000', and 'NumberOfPayments' with the value '12'. At the bottom of this section are two buttons, 'Calculate' and 'Submit', both in green.

FixedAmount:	Payments:	Total Amount:
1776.98	12	20000

Enter Details

AccountNo
65423120

TotalAmount
20000

NumberOfPayments
12


[Calculate](#) [Submit](#)

6. PAY LOAN



The user can make a payment towards a loan account which they hold. The user shall enter the LoanID of their account and details of the corresponding loan account is displayed. Then the user can make the required payment towards that account.

Note : A user can make a payment only towards a loan account which they hold.

The screenshot displays a dark-themed dashboard with a sidebar on the left containing navigation links: User Details, Transaction History, Loan History, Fund Transfer, PayLoan (highlighted in teal), and Loan Apply. The main content area is titled 'Dashboard' and features three primary sections. The top section is a form for entering a 'LoanID' (32104211) with a teal 'Submit' button. The middle section, titled 'LOAN' in a teal box, shows 'Fixed Amount : 1776' and 'Payments Remaining : 11'. The bottom section is a form for entering an 'AccountNo' (65423120) with a teal 'Pay Amount' button. A teal header bar at the top includes a menu icon, the title 'Dashboard', and a user profile icon.



Dashboard

User Details

Transaction History

Loan History

Fund Transfer

PayLoan

Loan Apply

Enter LoanID

32104211

Submit

LOAN

Fixed Amount : 1776
Payments Remaining : 11

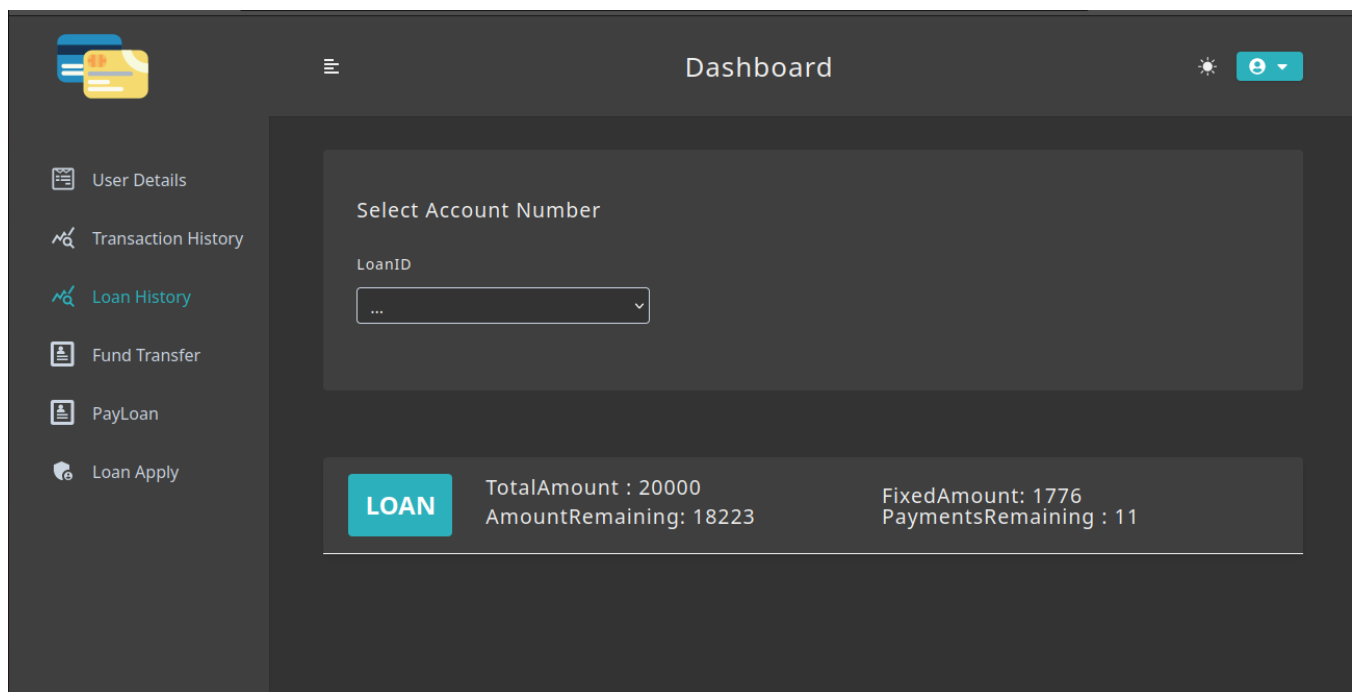
Enter AccountNo

65423120

Pay Amount

7. LOAN HISTORY

The user can view the status of their loans in this functionality. Various details such as the amount , payments remaining etc can be found here.



USER MANUAL FOR ADMINS

I. ADMIN LOGIN

In admin mode an admin shall enter their credentials to login .If the credentials are correct the admin shall be directed to their dashboard. The login fails on providing incorrect credentials.



Welcome Admin

Enter Credentials

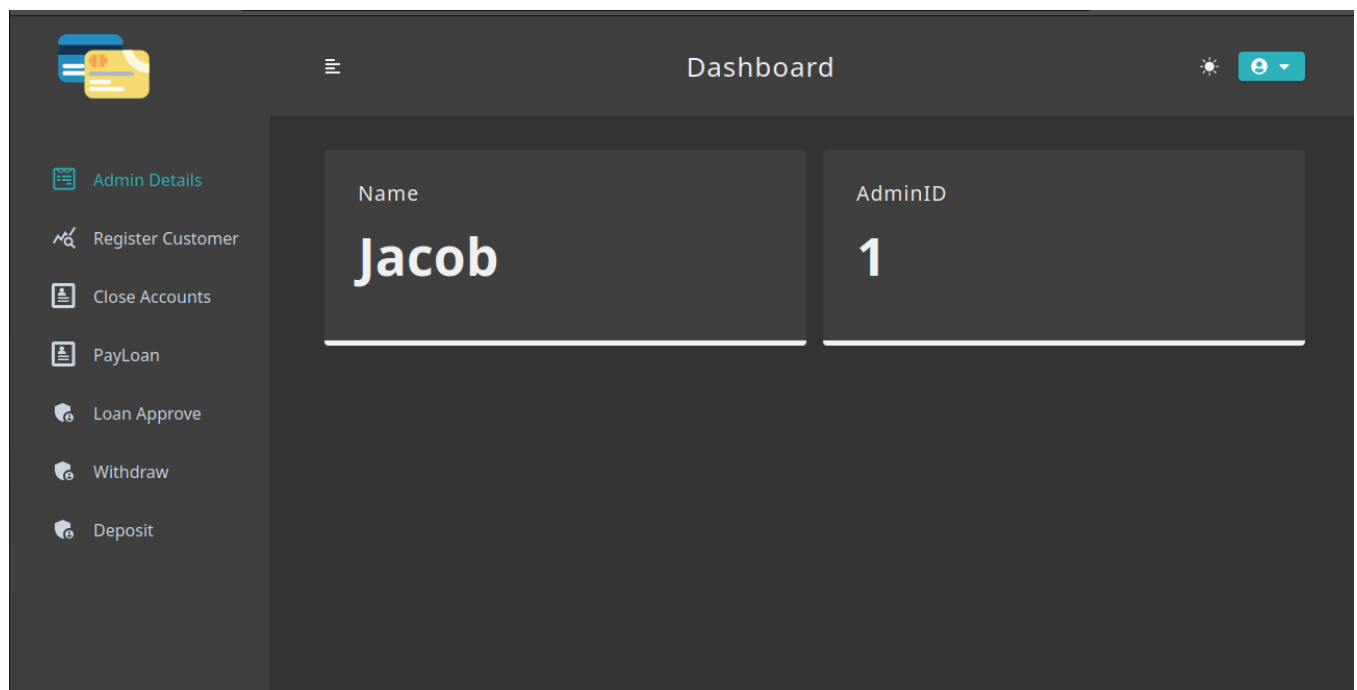
 6657432



Log In

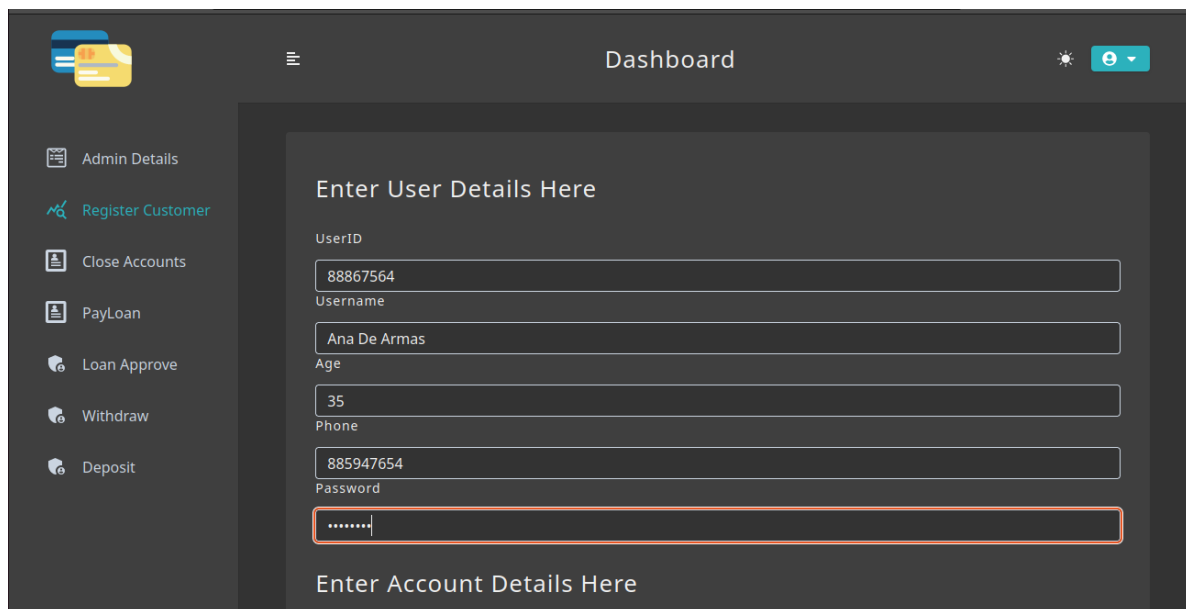
2. ADMIN DASHBOARD

After a successful login the admin will be directed to their dashboard from which they can perform various actions available to them.



3. CREATE USER

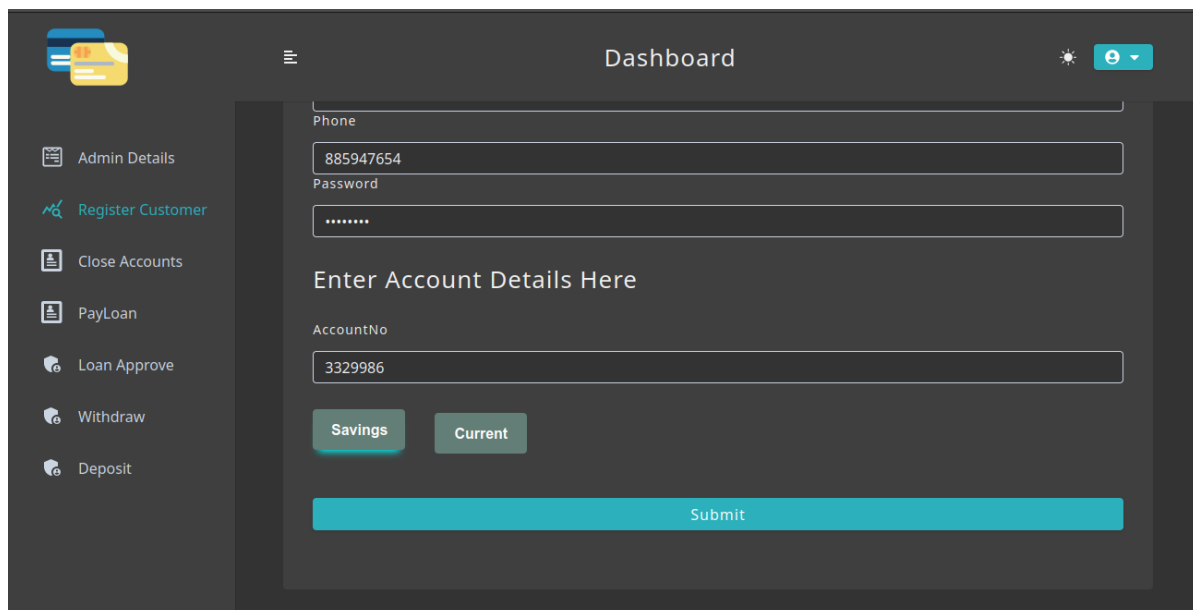
An admin can create a user by entering the necessary credentials. At the time of creation of a user an account is also made for the user. The created user is now ready to use the app.



The screenshot shows the 'Enter User Details Here' form in the app dashboard. The form is titled 'Enter User Details Here' and contains the following fields:

- UserID: 88867564
- Username: Ana De Armas
- Age: 35
- Phone: 885947654
- Password: (masked with dots)

Below the form, there is a section titled 'Enter Account Details Here'.



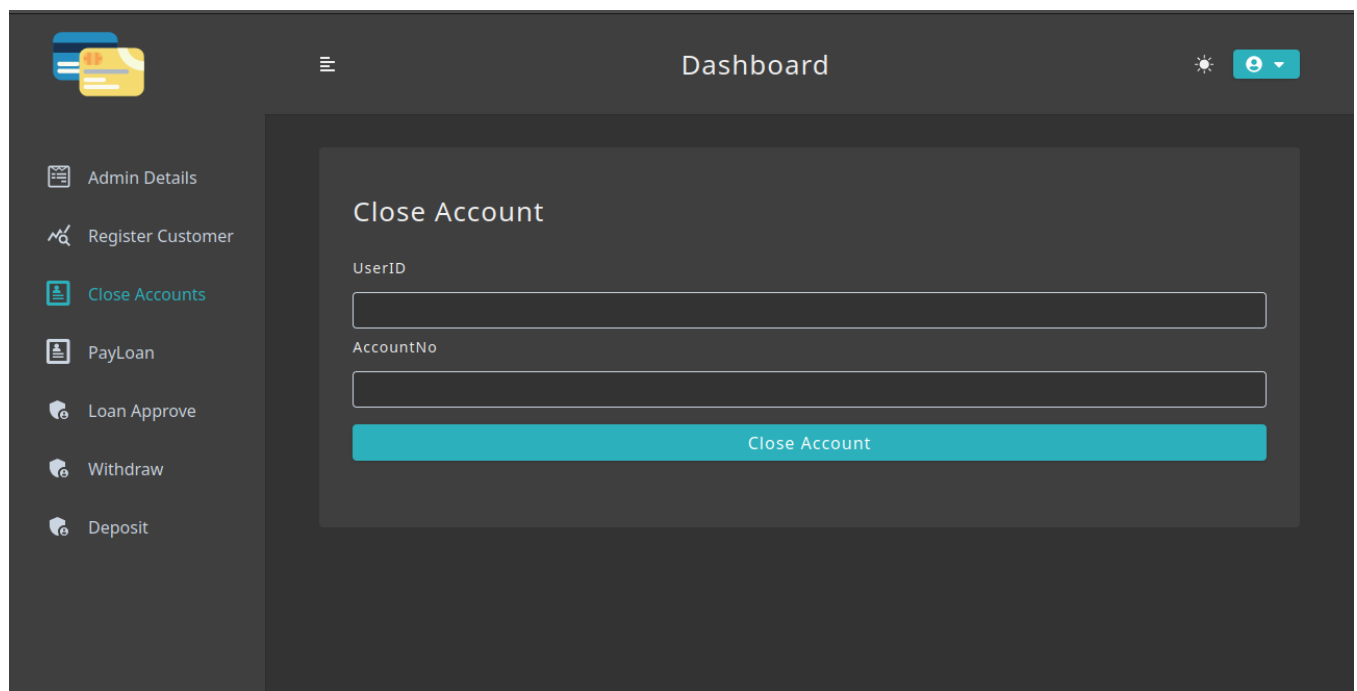
The screenshot shows the 'Enter Account Details Here' form in the app dashboard. The form is titled 'Enter Account Details Here' and contains the following fields:

- Phone: 885947654
- Password: (masked with dots)
- AccountNo: 3329986

Below the form, there are two buttons: 'Savings' and 'Current'. At the bottom of the form, there is a large blue 'Submit' button.

4. CLOSE ACCOUNT

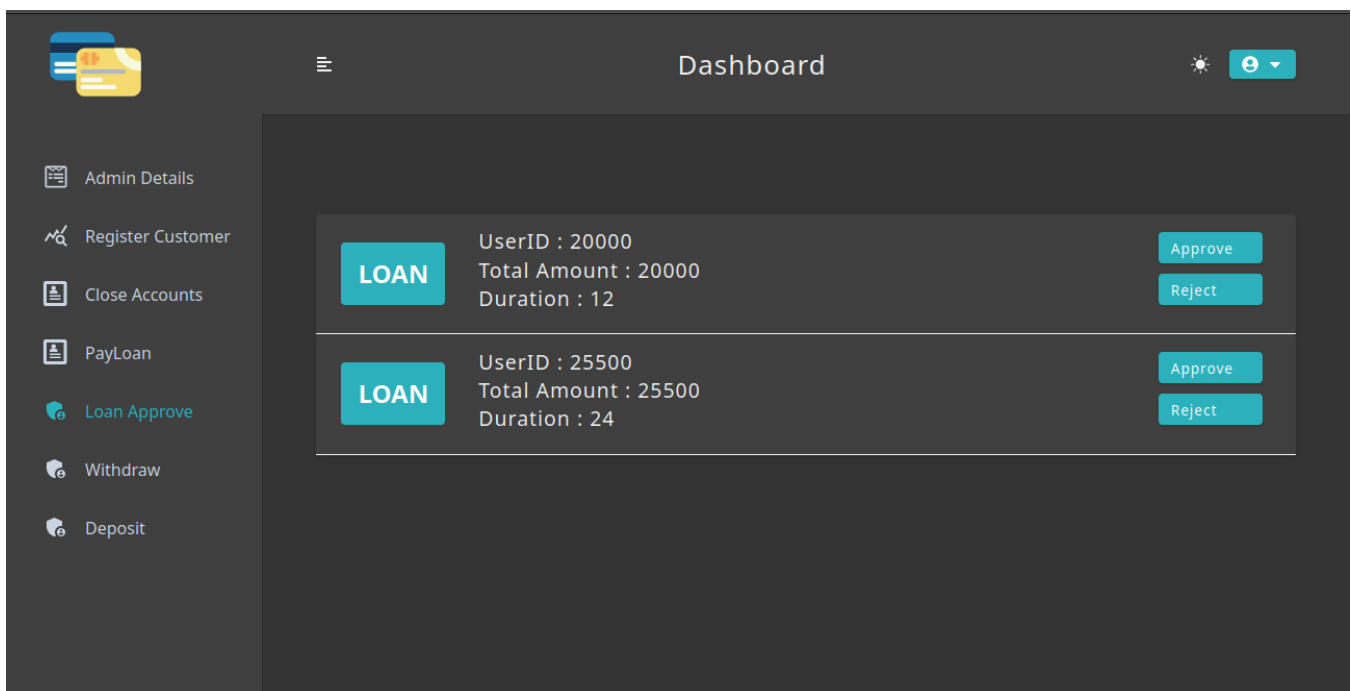
The admin can delete a user account . The deletion of an account can be requested by a user offline at a bank.



The screenshot displays a banking dashboard with a dark theme. On the left is a sidebar menu with icons and labels for 'Admin Details', 'Register Customer', 'Close Accounts' (highlighted in teal), 'PayLoan', 'Loan Approve', 'Withdraw', and 'Deposit'. The main content area is titled 'Dashboard' and features a 'Close Account' form. This form includes two input fields: 'UserID' and 'AccountNo'. Below these fields is a prominent teal button labeled 'Close Account'. The top right of the dashboard contains a sun icon for theme toggling and a user profile icon with a dropdown arrow.

5. APPROVE LOAN

The admin can view all the request for loans made by every user. The details of the loan request shall be displayed. The admin can view the loan requests and then choose to approve or reject the loan requests.



6. PAY LOAN

The admin can perform the payment for a customer's loan. This functionality enables the admin to update the database when the customer makes a loan payment at the bank

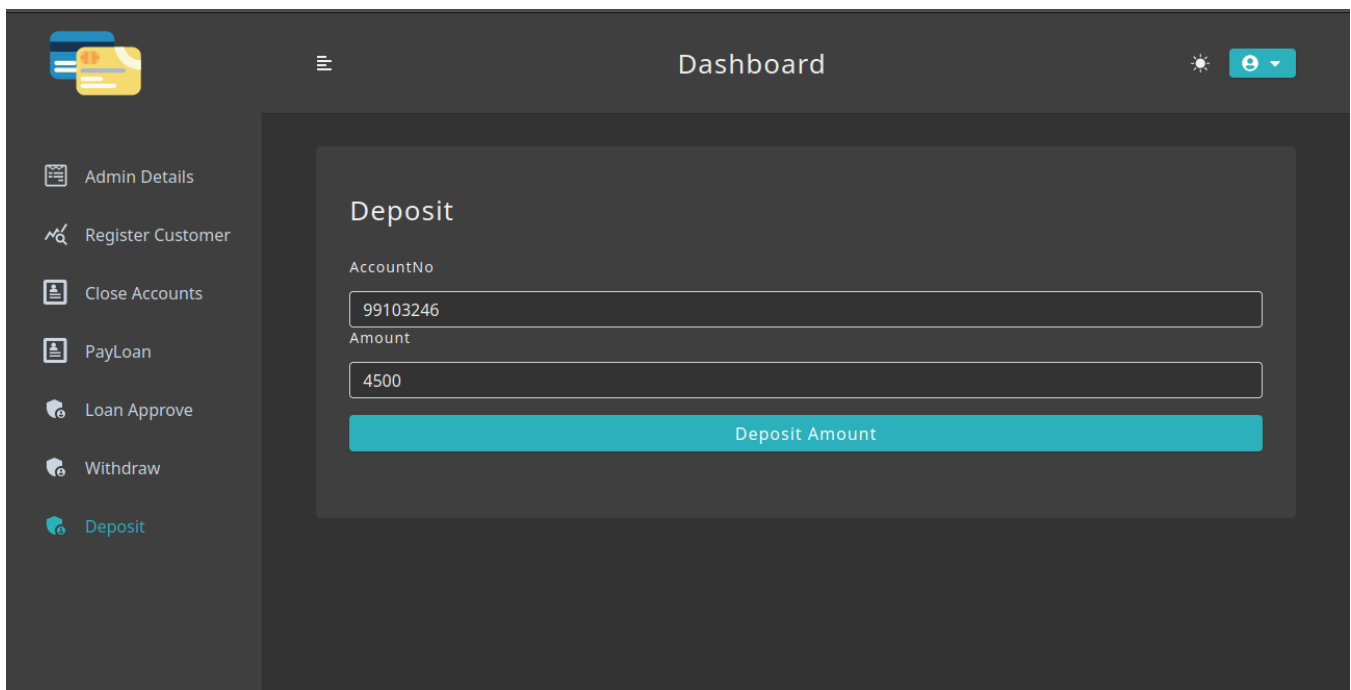
Note : The admin has the facility to pay the loan for every user.

The screenshot displays a banking dashboard with a dark theme. On the left is a sidebar menu with icons and labels for 'Admin Details', 'Register Customer', 'Close Accounts', 'PayLoan' (highlighted in teal), 'Loan Approve', 'Withdraw', and 'Deposit'. The main content area is titled 'Dashboard' and contains three sections. The top section is a form to 'Enter LoanID' with the value '32104211' and a teal 'Submit' button. The middle section shows a teal 'LOAN' button and the text 'Fixed Amount : 1776' and 'Payments Remaining : 11'. The bottom section is a form to 'Enter AccountNo' with the value '65423120' and a teal 'Pay Amount' button.

Section	Field	Value	Action
Loan ID Entry	Enter LoanID	32104211	Submit
	Loan Status	Fixed Amount : 1776 Payments Remaining : 11	LOAN
Account Payment	Enter AccountNo	65423120	Pay Amount

7. DEPOSIT

The admin can deposit money into the customer's account when the user makes an offline deposit at the bank. The deposit change is made in the database and reflected in the customer's account.

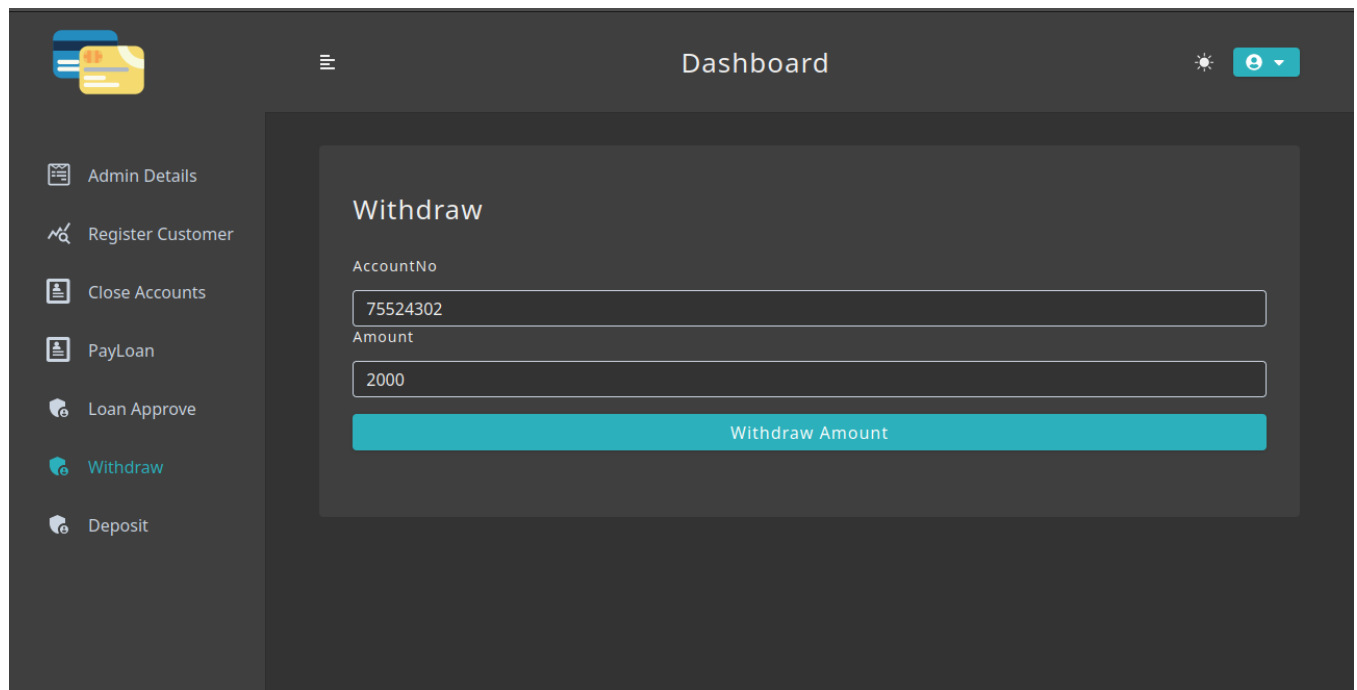


The screenshot displays a banking dashboard with a dark theme. On the left is a sidebar menu with icons and labels for 'Admin Details', 'Register Customer', 'Close Accounts', 'PayLoan', 'Loan Approve', 'Withdraw', and 'Deposit'. The 'Deposit' option is highlighted in teal. The main area is titled 'Dashboard' and contains a 'Deposit' form. The form has two input fields: 'AccountNo' with the value '99103246' and 'Amount' with the value '4500'. Below these fields is a teal button labeled 'Deposit Amount'. In the top right corner of the dashboard, there is a sun icon for toggling themes and a user profile icon with a dropdown arrow.

Field	Value
AccountNo	99103246
Amount	4500

8. WITHDRAW

The admin can withdraw money from a users account to satisfy an offline request made by the user at the bank. The changes made during the withdrawal is updated in the database and reflected in the users account. However if the amount to be withdrawn exceeds the balance in the users account then the withdrawal fails.

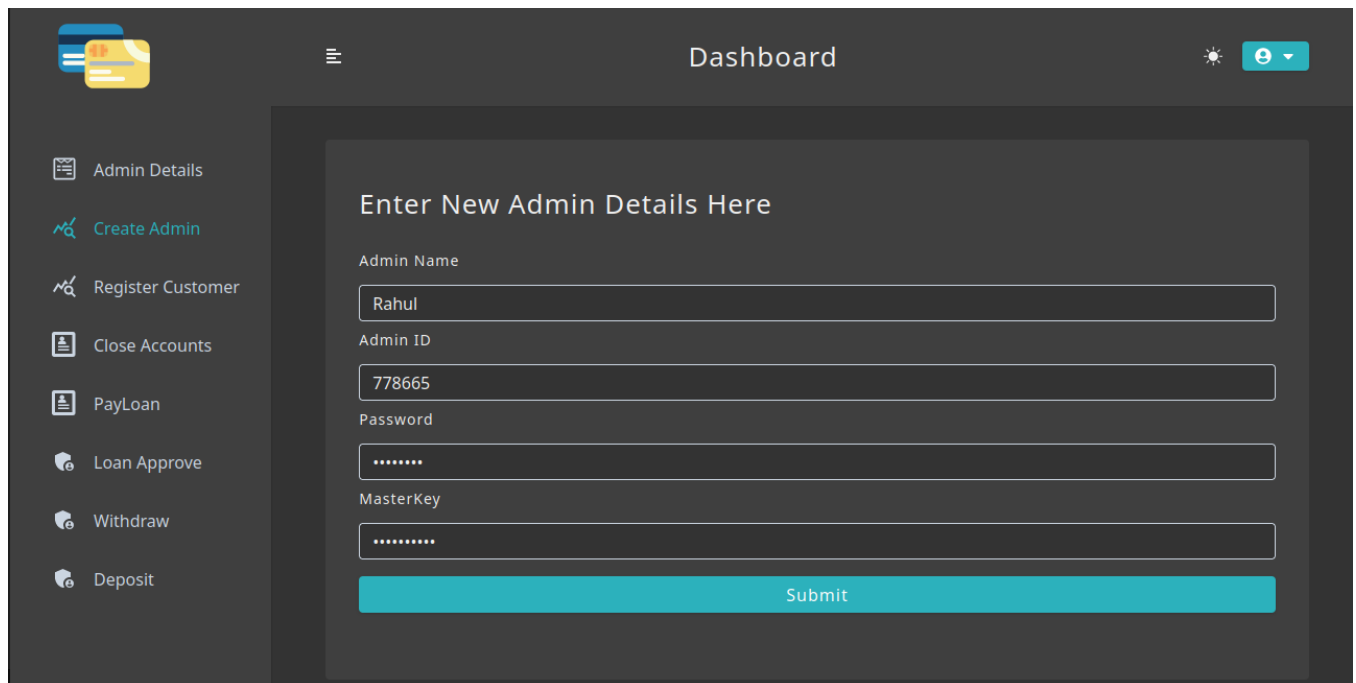


The screenshot displays a banking dashboard with a dark theme. On the left is a sidebar menu with icons and labels for 'Admin Details', 'Register Customer', 'Close Accounts', 'PayLoan', 'Loan Approve', 'Withdraw' (highlighted in teal), and 'Deposit'. The main area is titled 'Dashboard' and contains a 'Withdraw' form. The form has two input fields: 'AccountNo' with the value '75524302' and 'Amount' with the value '2000'. Below these fields is a teal button labeled 'Withdraw Amount'.


Field	Value
AccountNo	75524302
Amount	2000

9. CREATE ADMIN



An admin has the facility to create another admin account . This is done by entering the necessary credentials and the entering a master key reserved for admin creation. The admin is created only if the correct master key is given at the time of creation.





The screenshot shows a web application dashboard with a dark theme. On the left is a sidebar menu with icons and labels for 'Admin Details', 'Create Admin' (highlighted in teal), 'Register Customer', 'Close Accounts', 'PayLoan', 'Loan Approve', 'Withdraw', and 'Deposit'. The main content area is titled 'Dashboard' and contains a form titled 'Enter New Admin Details Here'. The form has four input fields: 'Admin Name' (containing 'Rahul'), 'Admin ID' (containing '778665'), 'Password' (masked with dots), and 'MasterKey' (masked with dots). A teal 'Submit' button is at the bottom of the form. The top right of the dashboard shows a sun icon and a user profile icon with a dropdown arrow.





Dashboard


 


 Admin Details


 Create Admin


 Register Customer

 Close Accounts

 PayLoan

 Loan Approve

 Withdraw

 Deposit

Enter New Admin Details Here

Admin Name

Admin ID

Password

MasterKey

Submit