BANK APPLICATION

Actions:

- 1) **Login**: This is used to login for particular person. If login fails he/she will be redirected to home page.
- 2) **AddUser**: This action allows us to add user. The inputs are username, password, user type, address, phone number, email, aadhar card and pan card.
- 3) **Deposit:** This action allows us to deposit money in user account. It takes parameters like account number and amount to be deposited.
- **4) Withdraw:** This action allows the user to withdraw money from his account. It takes two parameters like account number and amount to withdraw.
- **5) Fund Transfer:** This action allows an user to transfer fund from one account to another. It takes 3 parameters from account number, to account number and amount to transfer.
- 6) **AddAccount:** It is similar to add user but it takes an extra input called user type which indicates whether the user is an admin, manager or clerk.
- 7) **ShowAllAccounts:** Show all accounts is used to display all the accounts in the accounts table.
- 8) **ShowAllUsers:** Show all users is used to display all the users in the users table which include admin, manager or clerk.
- 9) UpdateAccount/UpdateUser: Used to update details for an user or an account

Validations:

Account number: Account number is validated by checking whether it is already existing in database or not.

Withdraw: The amount for withdraw will also be validated since it should always be less than the current balance.

Fund Transfer: Fund transfer also requires validation for both account numbers and money to be transferred.

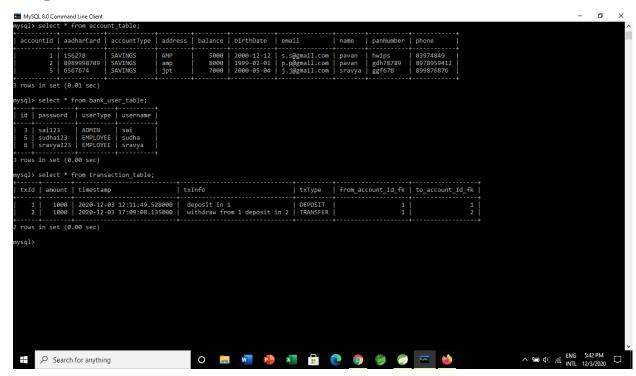
❖ Validations also include not null(which indicates that the details should be filled), should enter number(should enter number only), should enter string(should enter string only) etc.

Updating User/Account:

While updating user/account only specific data can be updated. The data are Address, Phone and Email.

- ❖ Aadhar card and Pan card cannot be updated for an user/account.
- ❖ The type of user can also be changed by the admin.

Output:



Login Page



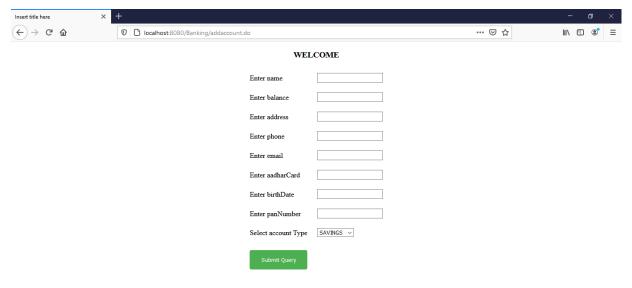


Admin Page

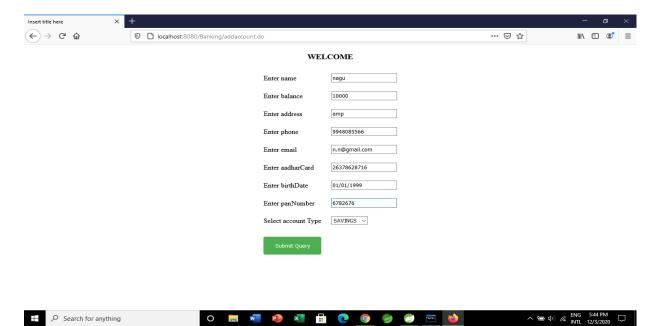




Add Account Page







After adding account



Welcome user sai <u>logout</u>

AccountId	Name	Balance	Address	Phone	Email	AadharCard	BirthDate	PanNumber	AccountType	Update	Delete
1	pavan	5000.0	AMP	83974849	s.s@gmail.com	156278	12/12/2000	hwips	SAVINGS	update account	delete account
2	pavan	8000.0	amp	8978959412	p.p@gmail.com	8989998789	01/02/1999	gdh78789	SAVINGS	update account	delete account
5	sravya	7000.0	jpt	899876876	j.j@gmail.com	6567674	04/05/2000	ggf678	SAVINGS	update account	delete account
7	nagu	10000.0	amp	9948085566	n.n@gmail.com	26378628716	01/01/1999	6782676	SAVINGS	update account	delete account
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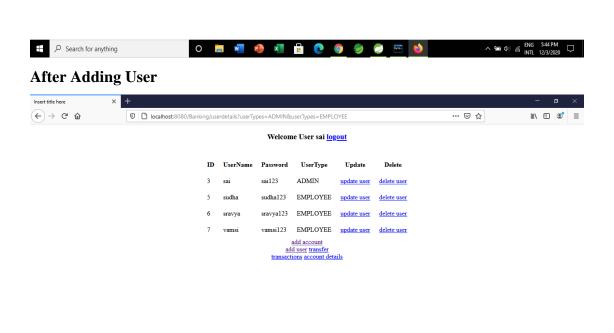
add account add user transfer transactions



Add User Page

⊕ Search for anything



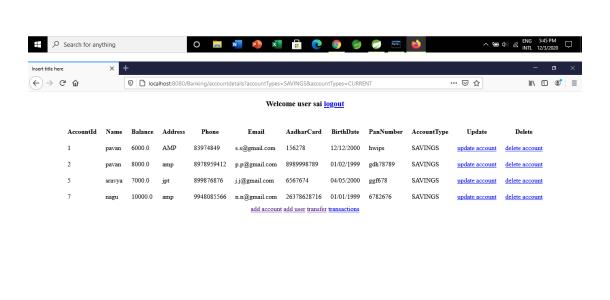


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Deposit amount in account

→ Search for anything







Welcome user sai <u>logout</u>

AccountId	Name	Balance	Address	Phone	Email	AadharCard	BirthDate	PanNumber	AccountType	Update	Delete
1	pavan	6000.0	AMP	83974849	s.s@gmail.com	156278	12/12/2000	hwips	SAVINGS	update account	delete account
2	pavan	8000.0	amp	8978959412	p.p@gmail.com	8989998789	01/02/1999	gdh78789	SAVINGS	update account	delete account
5	sravya	7000.0	jpt	899876876	j.j@gmail.com	6567674	04/05/2000	ggf678	SAVINGS	update account	delete account
7	nagu	10000.0	amp	9948085566	n.n@gmail.com	26378628716	01/01/1999	6782676	SAVINGS	update account	delete account
add account add user transfer transactions											

