

Hello everyone I am Sahil Sachin Donde

I am currently pursuing my BTech in computer science and engineering

I have been selected as the web development and designing intern at the sparks foundation

For the graduate rotational internship program i.e grip, I have chosen the task 1 that is the basic banking system

I am from the July 2021 batch

Now coming to the task

We need to create a dynamic banking website

The main aim of this website is to transfer funds between multiple users

The following are the tools and technologies used for this task

Now let's see the code...

Home5.php is the homepage of the website where the sender's name that is the account from which the money will be debited would be selected

As I would be using jQuery so I have imported all the necessary links

I would be making use of various types of Google fonts available, to make the text in the website more appealing, so those links also I have included

Here I have given the css for various components in the home page

This page involves the JavaScript functions for the opening and closing of the corresponding popups in the website

It also contains the user creation form

Through this page one can view all the users in the database

Now this fund transfer.PHP will select the name of the beneficiary to which the money should be credited

It involves the code where the fetching of the data from the customer database would happen and from here the beneficiary would be selected for transaction

This page also contains some pop ups for better user interaction

This is the actual transfer.PHP page where the actual transaction would happen

This page would be running at the backend but would not be visible to the user on the front end

This page contains the most important validation that the available balance should be greater than or equal to the entered transfer amount

This is the transaction history.PHP page where one can view all his transactions done in the past along with the date and time

Now we will move to the implementation section...

This is the home page of the website

This is the list of all the users in the database

This is the user creation form where you can create new users

Here you can see the form is validating at the run time whether the user is already available or not in the database

So as you can see since there is already a user with username Nikhil so we can't register with this username but then also if any one proceeds from here then he would not be allowed

So Nikhilesh is available so we can register with this username.

This validation is all because I have kept the username as the primary key

So the registration is successful

So there are two ways from which we can select the username and can enter inside

So now we will go inside using the view customer table

So this way the sender name would be selected as Nikhilesh from which the money would be debited

Sender's current balance is 50000 and Ramesh balance is 20000

Here sender name is already selected as Nikhilesh so we need to just enter the beneficiary name

Now you can see a list of users in the dropdown but this is the autocomplete feature of the jQuery

Since I entered an amount greater than 50000 so, the transaction was unsuccessful

Now since the entered amount is less than the current balance so the transaction is successful

Simultaneously the current balances of both sender and beneficiary are being updated

Here too we can see a list of all customers, from here also we can transfer money

Here as the sender is already selected and now the beneficiary is also been selected so just enter the amount to be transferred

After the successful transaction the current balance of both accounts are being updated

We can also see the transaction history, transfer date and time of any particular user

Now I will show you another way from where you can enter inside

So this way also we can enter inside with the sender name being selected through the input box

This is the contact section

Coming to the Database – This is the user\_info table which contains all customer details and the transact\_hist table which contains all the transaction details between users

So that's it from my side, thank you