

Cash Management Project

Introductions

In this website anyone can register as a user and after that they can build credit accounts (we define it as credit) as many as they want.

Users also can make Transactions with their own credit accounts.

Apps:

Accounts: For authentication uses

credit_management: For managing credit accounts and make transactions.

Views:

Credit_management app:

BuildCredit:For Building new credit.(Only logged in users have access)

url: /credit/build/

Test file: credit_management/tests/test_build_credit.py

ListCredits: Users can see the detail of their credits via this view. (Only logged in users have access and they can only see reports of their own credits)

url: /credit/list/

test file: credit_management/tests/test_list_credits.py

MakeTransaction: Users can make a transaction buy entering the id of the origin and destination credit, specify type and also determine the amount of money they want to sent.

(Only logged in users have access and they can only send money with their own credits)

url: /credit/transaction/

test file: credit_management/tests/test_make_transaction.py

TransactionLog: Users can see the report of a special credit in desired period of time(weekly, monthly)

(Only logged in users have access and they can only see reports of their own credits)

url: /credit/transactionreport/<choice>/<credit_id>/

test file: credit_management/tests/test_list_transactions.py

ChangeTransaction: Users can delete or update a special transaction via this view.

Put method has been defined for updating and delete method has been defined for deleting transaction.

(Only logged in users have access and they can only change their own credits)

url: /credit/transactionreport/ credit_id>/

test file: credit_management/tests/test_change_transaction.py

Accounts app:

User Registration: For registering new user.

url: /accounts/register/

test file: accounts/tests/test_register.py/

Logout and Login : These view help the user for authentication system.

url: /accounts/login/ /accounts/logout/

test file: accounts/tests/test.py

For more information read test files ^_^

Models:

User(AbstractUser)	
Username	
Password	
Phone	optional
Age	optional
Gender	optional

Transaction	
Init_credit	IntegerField
Credits	M2MField
Money	IntegerField
Status	CharField(S,F)
Category	CharField(G,U)
Date	DateField

Credit	
user	ForeignKey(User)
balance	IntegerField
Date_created	DateField

