Credit Card API using Django Rest Framework

Here is the brief description of how a person from the Bank can access user accounts of the credit card users of the Bank. If you are an authorized person in the bank, you can send request at the following address:

http://<ip\_address>:8000/creditcard/api/user

where <ip\_address> is our server address for the API and you will be provided with JSON object containing the list of users of credit card registered with the Bank. The lists are being generated using Django Rest Framework.

Likewise, the address:

http://<ip\_address>:8000/creditcard/api/user/<user\_id>

gives you the access to the account access details of the user with the mentioned <user\_id>. The variables returned are: Username, Password and Verification Flag of the selected user.

On similar lines,

http://<ip\_address>:8000/creditcard/api/personaldetail

gives you the personal details of list of users and for accessing the personal details of any particular user, the address to be used is:

http://<ip\_address>:8000/creditcard/api/personaldetail/<personaldetail\_id>

where <personaldetail \_id> is ID of the selected instance in the personal details table in the database. The variables returned are:

First Name, Last Name, Gender, Father’s Name, Mother’s Name, Current Address, City, Pincode, Permanent Address, Telephone and Mobile Number of the selected instance of personal details. Each personal detail ID also returns the user details of the user to which it belongs.

The address

http://<ip\_address>:8000/creditcard/api/employmentdetail

gives you the employment details of list of users and for accessing the employment details of any particular user, the address to be used is:

http://<ip\_address>:8000/creditcard/api/employmentdetail/<employmentdetail \_id>

where <employmentdetail\_id> is ID of the selected instance in the employment detail table in the database. The variables returned are:

Company Name, Designation, Work Years, Name, Office Address, City, Pincode and Email ID of the selected instance of employment detail. Each employment detail ID also returns the user details of the user to which it belongs.

The address

http://<ip\_address>:8000/creditcard/api/bankdetail

gives you the bank details of the account that the users have with our bank and for accessing the bank details of the account of any particular user, the address to be used is:

http://<ip\_address>:8000/creditcard/api/bankdetail/<bankdetail \_id>

where <bankdetail\_id> is ID of the selected instance in the bank detail table in the database. The variables returned are:

Account Number, Bank Name, Branch Address and Account Type of the selected instance of bank detail. Each bank detail ID also returns the user details of the user to which it belongs.

The address

http://<ip\_address>:8000/creditcard/api/card

gives you the card details of list of users having account with our bank and for accessing the card details of any particular user, address to be used is:

http://<ip\_address>:8000/creditcard/api/card/<card\_id>

where <card\_id> is ID of the selected instance in the card table in the database. The variables returned are:

Card Number, Card Type, Interest and Credited Amount of the selected instance of card. Each card ID also returns the user details of the user to which it belongs.

The address

http://<ip\_address>:8000/creditcard/api/statement

gives you the previous statement details of list of users having account with our bank and for accessing the previous statement details of any particular statement, the address to be used is:

http://<ip\_address>:8000/creditcard/api/statement/<statement\_id>

where <statement\_id> is statement ID of the selected instance in the statement table in the database. The variables returned are:

Date of Transaction, Amount, To Account, Transaction ID and Description of the selected instance of statement. Each statement details also include the card details through which the transaction was made, which further includes the user details of the user having the card.

The address

http://<ip\_address>:8000/creditcard/api/autopay

gives you the autopay options being used by the list of users having account with our bank and for accessing the autopay options details of any particular user, the address to be used is:

http://<ip\_address>:8000/creditcard/api/autopay/<autopay\_id>

where <autopay\_id> is autopay options ID of the selected instance in the autopay options table in the database. The variables returned are:

To Account, Description, Amount, Date and Installment of the selected instance of autopay options. Each autopay ID also returns the user details of the user to which it belongs.