In this project I have used Django Rest Framework for API

I have applied various methods like function based api view method, generics, mixins to broadly understand API

I have used serializers of different models. The serializers converts model instances and complex querysets into python datatypes. This helps to easily convert python datatype into JSON format for CRUD operations as done in this project.

Account APP

User API

I have used restframework’s decorator called apiview which is function based view

It uses Usermodel serializer

<http://127.0.0.1:8000/account/detail> --- Here you can create and see detail of users

<http://127.0.0.1:8000/account/detail/1> ---- Here you can view detail of specific user

Library App

Book API

I used generics view

It uses Book model serializer

<http://127.0.0.1:8000/> ---- Here you can view book details and add books

<http://127.0.0.1:8000/genericapiview/1> ---- Here you can view and update information of book

BookDetail API

I used generics view

It uses BookDetail model serializer

<http://127.0.0.1:8000/detailgenericapiview/1> -----Here you can view and update books detail like no of pages, languages

Borrowed book api

I have used mixin view

It uses BorrowedBook model serializer

http://127.0.0.1:8000/mixinview ---- Here you can see detail and add detail of borrowed book

<http://127.0.0.1:8000/mixinview/1> ----- Here you can see detail of specific borrowed book