**Library Management System (Django rest Framework)**

Basic details of Backend:

Settings.py:-

corsheader implemented to allow frontend api

MySQL Database connected

Models.py:-

This contains the Book model with following fields

Book(name, author, category, price)

Serializers.py:-

I have use model serializer for serialization and deserialization operations

Admin.py:-

Book Model is register in this file using class

Views.py :-

I have use viewsets to implement crud operation and applied basic authentication with permissions to restrict Create,Update,Delete operation for authenticated user only

Unauthorize user can only do read operation

Rest Api for CRUD:-

url-><http://127.0.0.1:8000/books/> "

For specific book we need to add id, i.e url+”/1”(if id is 1)

Frontend Details:-

Frontend is created using Angular