**LIBRARY MANAGEMENT SYSTEM**

**Bookapp.Views.py**

from django.shortcuts import redirect, render,HttpResponse  
from .models import \*  
from .forms import IssueBookForm  
from django.contrib.auth import authenticate, login, logout  
from . import forms, models  
from datetime import date  
from django.contrib.auth.decorators import login\_required  
from rest\_framework.views import APIView  
from django.contrib.auth.forms import UserCreationForm  
from rest\_framework.response import Response  
from .serializers import BookSerializer  
from .models import Book  
from rest\_framework import generics, mixins  
from django.views.generic import UpdateView  
from .decorators import unauthenticated\_user  
def index(request):  
 return render(request, **"index.html"**)  
  
class BookView( mixins.ListModelMixin,mixins.CreateModelMixin,generics.GenericAPIView):  
 serializer\_class = BookSerializer  
 queryset = Book.objects.all()  
  
 def get(self, request, \*args, \*\*kwargs):  
 return self.list(self, request, \*args, \*\*kwargs)  
  
  
  
  
  
@login\_required(login\_url = **'/admin\_login'**)  
def add\_book(request):  
 if request.method == **"POST"**:  
 name = request.POST[**'name'**]  
 author = request.POST[**'author'**]  
 isbn = request.POST[**'isbn'**]  
 category = request.POST[**'category'**]  
  
 books = Book.objects.create(name=name, author=author, isbn=isbn, category=category)  
 books.save()  
 alert = True  
 return render(request, **"add\_book.html"**, {**'alert'**:alert})  
 return render(request, **"add\_book.html"**)  
  
@login\_required  
def view\_books(request):  
 books = Book.objects.all()  
 return render(request, **"view\_books.html"**, {**'books'**:books})  
  
@login\_required  
def view\_student\_books(request):  
 books = Book.objects.all()  
 return render(request, **"student\_view\_books.html"**, {**'books'**:books})  
  
@login\_required(login\_url = **'/admin\_login'**)  
def view\_students(request):  
 students = Student.objects.all()  
 return render(request, **"view\_students.html"**, {**'students'**:students})  
  
@login\_required(login\_url = **'/student\_login'**)  
def profile(request):  
 return render(request, **"profile.html"**)  
  
@login\_required(login\_url = **'/student\_login'**)  
def edit\_profile(request):  
 student = Student.objects.get(user=request.user)  
 if request.method == **"POST"**:  
 email = request.POST[**'email'**]  
 phone = request.POST[**'phone'**]  
 branch = request.POST[**'branch'**]  
 classroom = request.POST[**'classroom'**]  
 roll\_no = request.POST[**'roll\_no'**]  
  
 student.user.email = email  
 student.phone = phone  
 student.branch = branch  
 student.classroom = classroom  
 student.roll\_no = roll\_no  
 student.user.save()  
 student.save()  
 alert = True  
 return render(request, **"edit\_profile.html"**, {**'alert'**:alert})  
 return render(request, **"edit\_profile.html"**)  
  
@login\_required(login\_url = **'/admin\_login'**)  
def delete\_book(request, myid):  
 books = Book.objects.filter(id=myid)  
 books.delete()  
 return redirect(**"/view\_books"**)  
  
  
class UpdateBookView(UpdateView):  
 model=Book  
 template\_name=**'update\_book.html'** fields = [**'name'**,**'author'**,**'isbn'**,**'category'**]  
  
@login\_required(login\_url = **'/admin\_login'**)  
def delete\_student(request, myid):  
 students = Student.objects.filter(id=myid)  
 students.delete()  
 return redirect(**"/view\_students"**)  
  
  
def student\_registration(request):  
 if request.method == **"POST"**:  
 username = request.POST[**'username'**]  
 first\_name = request.POST[**'first\_name'**]  
 last\_name = request.POST[**'last\_name'**]  
 email = request.POST[**'email'**]  
 phone = request.POST[**'phone'**]  
 branch = request.POST[**'branch'**]  
 classroom = request.POST[**'classroom'**]  
 roll\_no = request.POST[**'roll\_no'**]  
 image = request.FILES[**'image'**]  
 password = request.POST[**'password'**]  
 confirm\_password = request.POST[**'confirm\_password'**]  
  
 if password != confirm\_password:  
 passnotmatch = True  
 return render(request, **"student\_registration.html"**, {**'passnotmatch'**:passnotmatch})  
  
 user = User.objects.create\_user(username=username, email=email, password=password,first\_name=first\_name, last\_name=last\_name)  
 student = Student.objects.create(user=user, phone=phone, branch=branch, classroom=classroom,roll\_no=roll\_no, image=image)  
 user.save()  
 student.save()  
 alert = True  
 return render(request, **"student\_registration.html"**, {**'alert'**:alert})  
 return render(request, **"student\_registration.html"**)  
  
def student\_login(request):  
 if request.method == **"POST"**:  
 username = request.POST[**'username'**]  
 password = request.POST[**'password'**]  
 user = authenticate(username=username, password=password)  
  
 if user is not None:  
 login(request, user)  
 if request.user.is\_superuser:  
 return HttpResponse(**"You are not a student!!"**)  
 else:  
 return redirect(**"/profile"**)  
 else:  
 alert = True  
 return render(request, **"student\_login.html"**, {**'alert'**:alert})  
 return render(request, **"student\_login.html"**)  
  
def admin\_login(request):  
 if request.method == **"POST"**:  
 username = request.POST[**'username'**]  
 password = request.POST[**'password'**]  
 user = authenticate(username=username, password=password)  
  
 if user is not None:  
 login(request, user)  
 if request.user.is\_superuser:  
 return redirect(**"/add\_book"**)  
 else:  
 return HttpResponse(**"You are not an admin."**)  
 else:  
 alert = True  
 return render(request, **"admin\_login.html"**, {**'alert'**:alert})  
 return render(request, **"admin\_login.html"**)

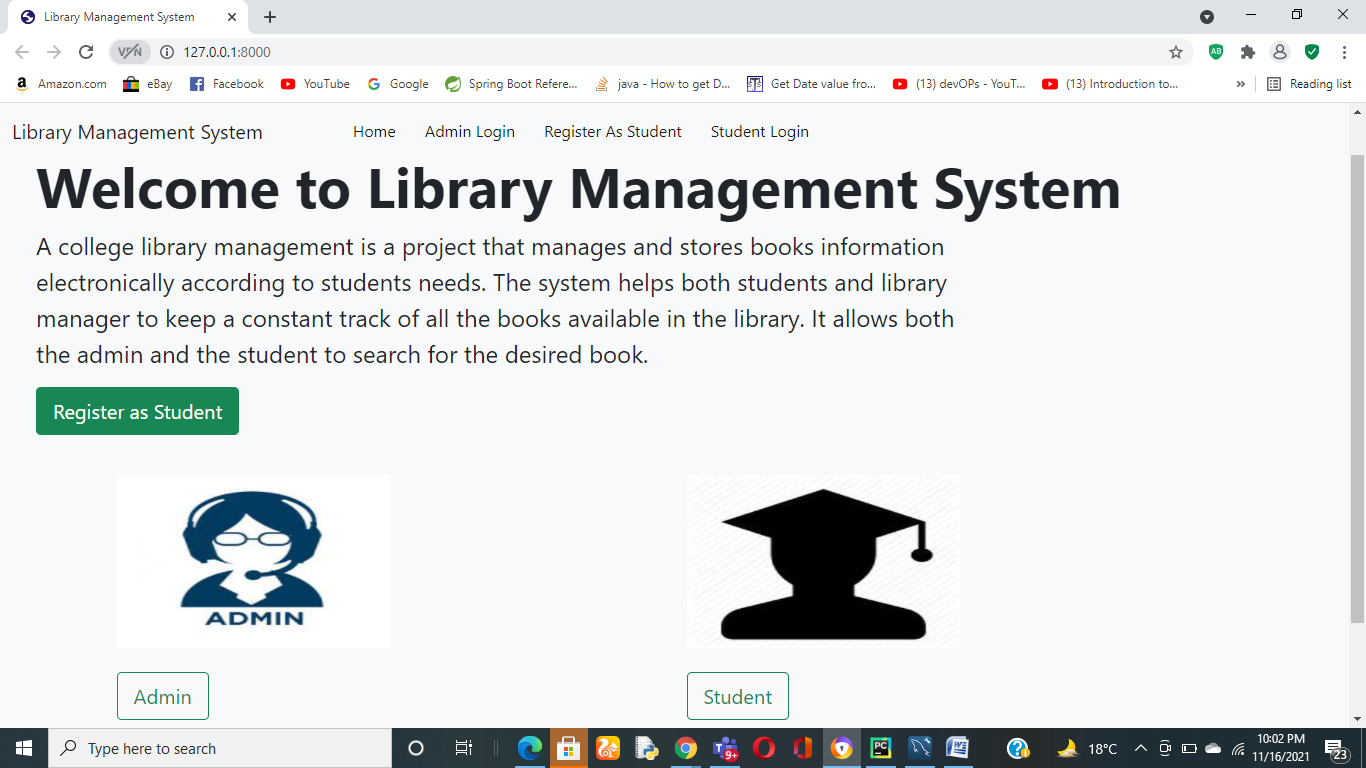
def Logout(request):

logout(request)  
 return redirect (**"/"**)

**bookapp.urls.py**

from django.urls import path,include  
from . import views  
from .views import UpdateBookView,BookView  
from rest\_framework import routers  
  
  
  
urlpatterns = [  
 path(**""**, views.index, name=**"index"**),  
 path(**"add\_book/"**, views.add\_book, name=**"add\_book"**),  
 path(**"view\_books/"**, views.view\_books, name=**"view\_books"**),  
 path(**"view\_student\_books/"**, views.view\_student\_books, name=**"view\_student\_books"**),  
 path(**"view\_students/"**, views.view\_students, name=**"view\_students"**),  
 path(**"profile/"**, views.profile, name=**"profile"**),  
 path(**"edit\_profile/"**, views.edit\_profile, name=**"edit\_profile"**),  
 path(**"book\_api/"**, BookView.as\_view(), name=**"book\_api"**),  
 path(**"student\_registration/"**, views.student\_registration, name=**"student\_registration"**),  
 path(**"student\_login/"**, views.student\_login, name=**"student\_login"**),  
 path(**"admin\_login/"**, views.admin\_login, name=**"admin\_login"**),  
 path(**"logout/"**, views.Logout, name=**"logout"**),  
 path(**'books/edit/<int:pk>'**,UpdateBookView.as\_view(), name = **'update\_book'**),  
 path(**"delete\_book/<int:myid>/"**, views.delete\_book, name=**"delete\_book"**),  
 path(**"delete\_student/<int:myid>/"**, views.delete\_student, name=**"delete\_student"**),  
  
  
  
  
  
  
]

**Home Page-:**

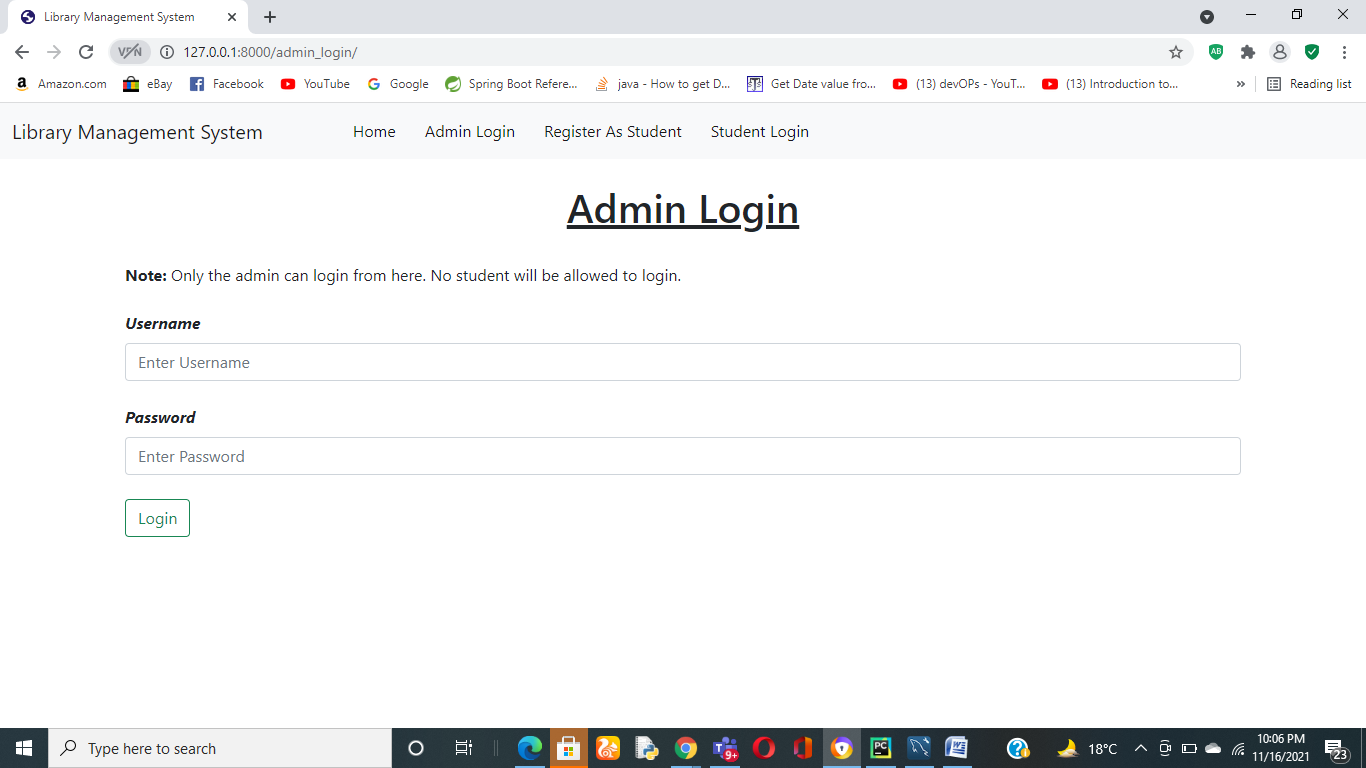
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**Source code-:**

**Index.html**

{% extends 'basic.html' %}  
{% load static %}  
{% block title %} Library Management System {% endblock %}  
{% block css %}  
{% endblock %}  
{% block body %}  
<div class="p-4 bg-light">  
 <div class="container-fluid py-3">  
 <h1 class="display-4 fw-bold">Welcome to Library Management System</h1>  
 <p class="col-md-9 fs-4">A college library management is a project that manages and stores books information electronically according to students needs. The system helps both students and library manager to keep a constant track of all the books available in the library. It allows both the admin and the student to search for the desired book.</p>  
 <a href="/student\_registration/" class="btn btn-success btn-lg">Register as Student</a>  
 </div>  
 <br>  
 <div class="container">  
 <div class="row">  
  
 <div class="col-lg-6">  
 <img src="{% static 'admin.jpg' %}" width="50%" height="50%" alt=""><br><br>  
 <a class="btn btn-outline-success btn-lg" style="text-align:center" href="/admin\_login/">Admin</a>  
 </div>  
  
 <div class="col-lg-6">  
 <img src="{% static 'student.jpg' %}" width="50%" height="50%" alt=""><br><br>  
 <a class="btn btn-outline-success btn-lg" href="/student\_login/">Student</a>  
 </div>  
 </div>  
 </div>  
</div>  
{% endblock %}

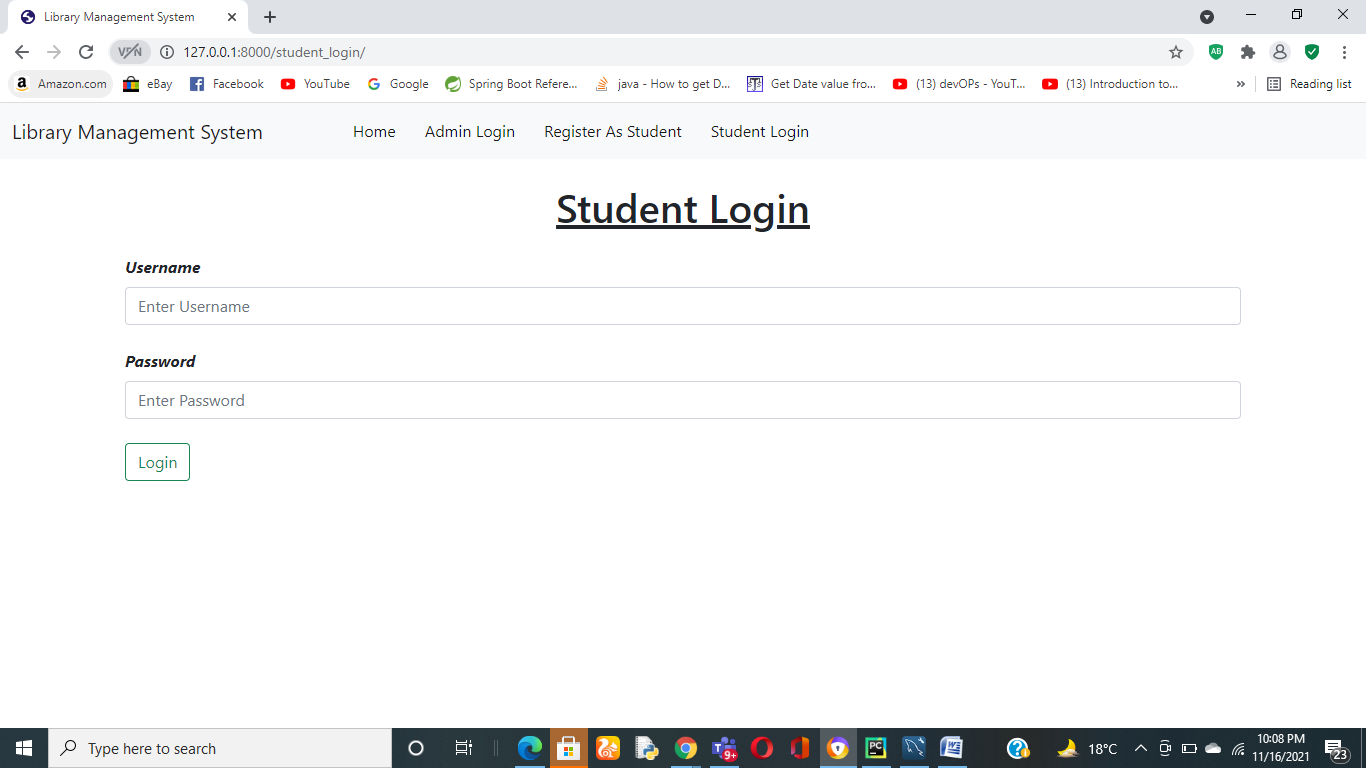
**Admin Page**

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**Source Page-:**

{% extends 'basic.html' %}  
{% load static %}  
{% block title %} Library Management System {% endblock %}  
{% block css %}  
{% endblock %}  
{% block body %}  
<div class="container">  
<br>  
<h1 class="text-center"><u>Admin Login</u></h1><br>  
<p><b>Note:</b> Only the admin can login from here. No student will be allowed to login.</p>  
 <form method="POST"> {% csrf\_token %}  
  
 <div class="row mt-4">  
 <div class="form-group col-md-12">  
 <label><i style="font-weight: bold;">Username</i></label>  
 <input type="text" class="form-control mt-2" name="username" placeholder="Enter Username" required>  
 </div>  
 </div>  
  
 <div class="row mt-4">  
 <div class="form-group col-md-12">  
 <label><i style="font-weight: bold;">Password</i></label>  
 <input type="password" class="form-control mt-2" name="password" placeholder="Enter Password" required>  
 </div>  
 </div>  
 <button type="submit" class="btn btn-outline-success mt-4">Login</button>  
</div>  
{% endblock %}  
{% block js %}  
<script>  
 {% if alert %}  
 alert("Invalid Username or Password.")  
 document.location = "/admin\_login"  
 {% endif %}  
</script>  
{% endblock %}

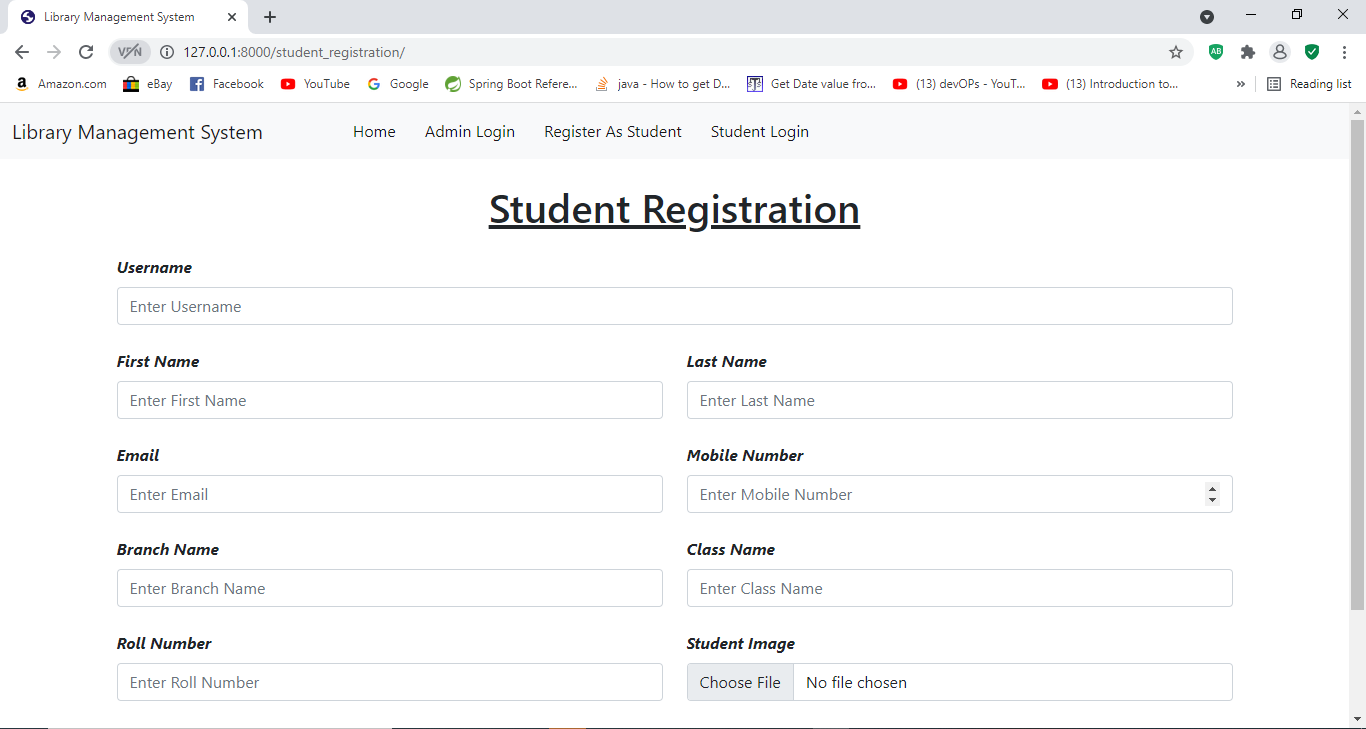
**Student Login Page**

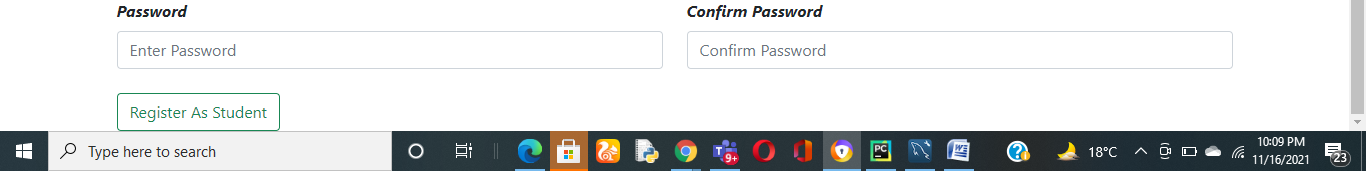
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**Source Code-:**

{% extends 'basic.html' %}  
{% load static %}  
{% block title %} Library Management System {% endblock %}  
{% block css %}  
{% endblock %}  
{% block body %}  
<div class="container">  
<br>  
<h1 class="text-center"><u>Student Login</u></h1>  
 <form method="POST"> {% csrf\_token %}  
  
 <div class="row mt-4">  
 <div class="form-group col-md-12">  
 <label><i style="font-weight: bold;">Username</i></label>  
 <input type="text" class="form-control mt-2" name="username" placeholder="Enter Username" required>  
 </div>  
 </div>  
  
 <div class="row mt-4">  
 <div class="form-group col-md-12">  
 <label><i style="font-weight: bold;">Password</i></label>  
 <input type="password" class="form-control mt-2" name="password" placeholder="Enter Password" required>  
 </div>  
 </div>  
 <button type="submit" class="btn btn-outline-success mt-4">Login</button>  
</div>  
{% endblock %}  
{% block js %}  
<script>  
 {% if alert %}  
 alert("Invalid Username or Password.")  
 document.location = "/student\_login"  
 {% endif %}  
</script>  
{% endblock %}

**Student Register Page**

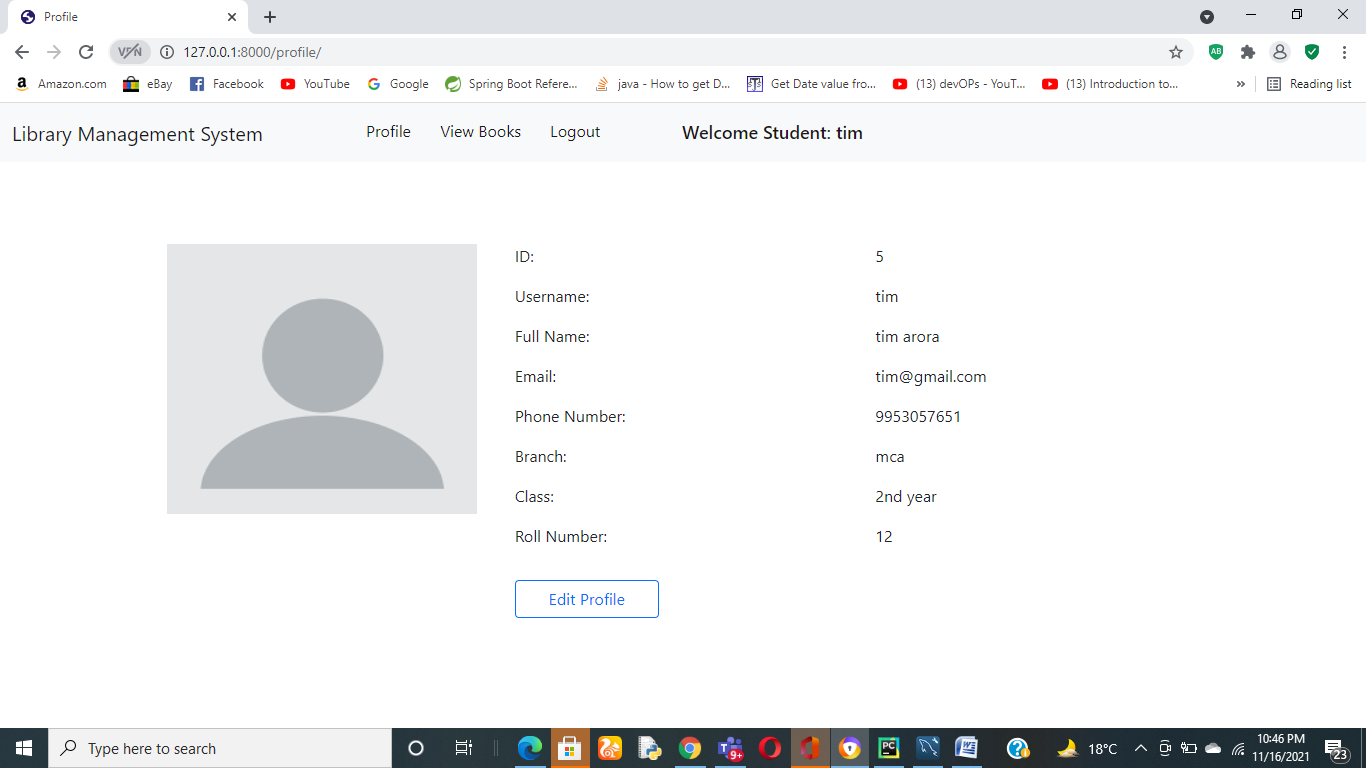
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**Source Code-:**

{% extends 'basic.html' %}  
{% load static %}  
{% block title %} Library Management System {% endblock %}  
{% block css %}  
{% endblock %}  
{% block body %}  
<div class="container">  
 <form method="POST" enctype="multipart/form-data"> {% csrf\_token %}  
 <br>  
 <h1 class="text-center"><u>Student Registration</u></h1>  
 <div class="row mt-4">  
 <div class="form-group col-md-12">  
 <label><i style="font-weight: bold;">Username</i></label>  
 <input type="text" class="form-control mt-2" name="username" placeholder="Enter Username" required>  
 </div>  
 </div>  
  
 <div class="row mt-4">  
 <div class="form-group col-md-6">  
 <label><i style="font-weight: bold;">First Name</i></label>  
 <input type="text" class="form-control mt-2" name="first\_name" placeholder="Enter First Name" required>  
 </div>  
 <div class="form-group col-md-6">  
 <label><i style="font-weight: bold;">Last Name</i></label>  
 <input type="text" class="form-control mt-2" name="last\_name" placeholder="Enter Last Name" required>  
 </div>  
 </div>  
  
 <div class="row mt-4">  
 <div class="form-group col-md-6">  
 <label><i style="font-weight: bold;">Email</i></label>  
 <input type="email" class="form-control mt-2" name="email" placeholder="Enter Email" required>  
 </div>  
 <div class="form-group col-md-6">  
 <label><i style="font-weight: bold;">Mobile Number</i></label>  
 <input type="number" class="form-control mt-2" name="phone" placeholder="Enter Mobile Number" required>  
 </div>  
 </div>  
  
 <div class="row mt-4">  
 <div class="form-group col-md-6">  
 <label><i style="font-weight: bold;">Branch Name</i></label>  
 <input type="text" class="form-control mt-2" name="branch" placeholder="Enter Branch Name" required>  
 </div>  
 <div class="form-group col-md-6">  
 <label><i style="font-weight: bold;">Class Name</i></label>  
 <input type="text" class="form-control mt-2" name="classroom" placeholder="Enter Class Name" required>  
 </div>  
 </div>  
  
 <div class="row mt-4">  
 <div class="form-group col-md-6">  
 <label><i style="font-weight: bold;">Roll Number</i></label>  
 <input type="text" class="form-control mt-2" name="roll\_no" placeholder="Enter Roll Number" required>  
 </div>  
 <div class="form-group col-md-6">  
 <label><i style="font-weight: bold;">Student Image</i></label>  
 <input type="file" class="form-control mt-2" name="image" required>  
 </div>  
 </div>  
  
 <div class="row mt-4">  
 <div class="form-group col-md-6">  
 <label><i style="font-weight: bold;">Password</i></label>  
 <input type="password" class="form-control mt-2" name="password" placeholder="Enter Password" required>  
 </div>  
 <div class="form-group col-md-6">  
 <label><i style="font-weight: bold;">Confirm Password</i></label>  
 <input type="password" class="form-control mt-2" name="confirm\_password" placeholder="Confirm Password" required>  
 </div>  
 </div>  
 <button type="submit" class="btn btn-outline-success mt-4">Register As Student</button>  
</div>  
</form>  
{% endblock %}  
{% block js %}  
<script>  
 {% if alert %}  
 alert("Registration Successfull.")  
 document.location = "/student\_login"  
 {% endif %}  
</script>  
{% endblock %}

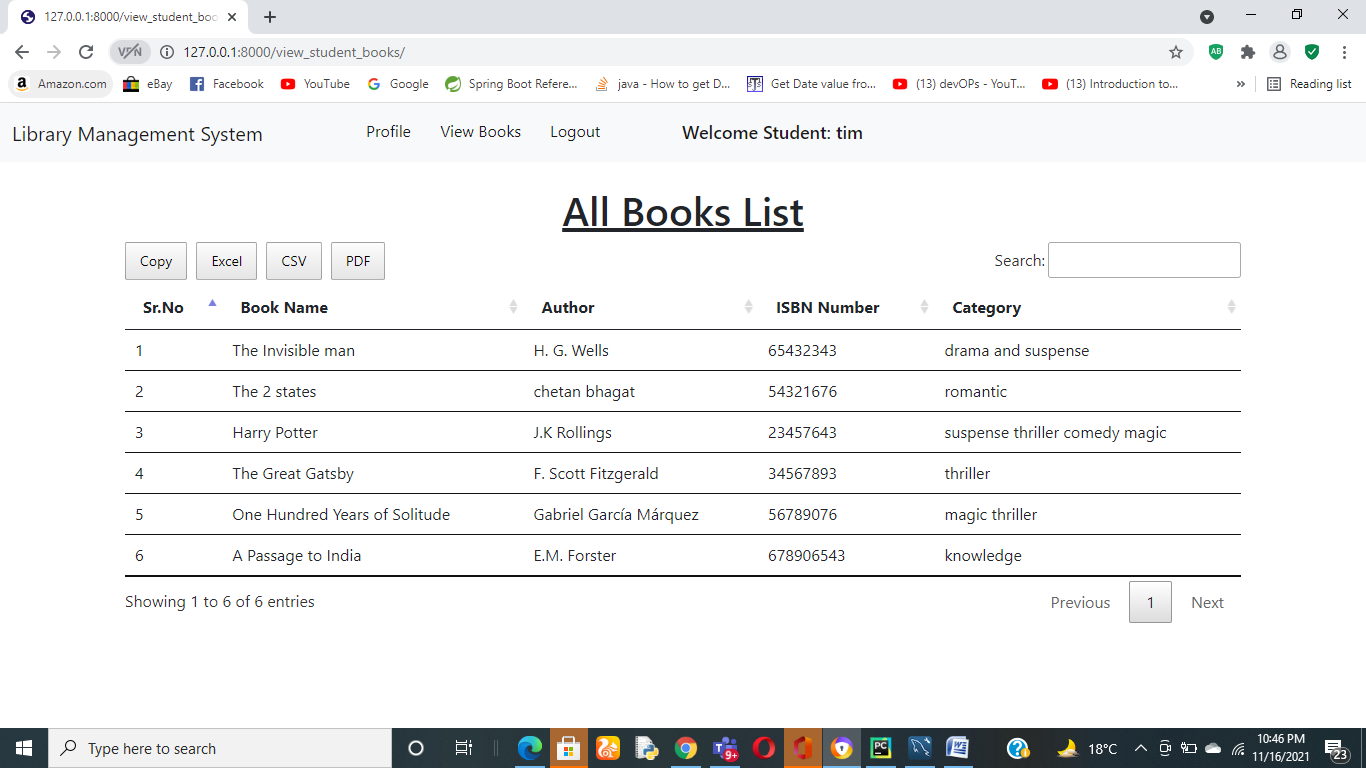
**Student Profile**

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**Source Code-:**

{% extends 'student\_navbar.html' %}  
  
{% block title %} Profile {% endblock %}  
  
{% block css %}  
<style>  
.profile{  
padding: 3%;  
margin-top: 3%;  
margin-bottom: 3%;  
border-radius: 0.5rem;  
background: #fff;  
}  
.profile-img{  
text-align: center;  
}  
.profile-img .file {  
position: relative;  
overflow: hidden;  
margin-top: -20%;  
width: 70%;  
border: none;  
border-radius: 0;  
font-size: 15px;  
background: #212529b8;  
}  
</style>  
{% endblock %}  
{% block body %}  
  
<div class="container profile">  
 <div class="row">  
 <div class="col-md-4">  
 <div class="profile-img">  
 <img src="{{request.user.student.image.url}}" alt="" width="310px" height="270px">  
 </div>  
 </div>  
 <div class="col-md-8">  
 <div class="profile-tab">  
 <div class="tab-pane">  
 <div class="row">  
 <div class="col-md-6">  
 <label>ID:</label>  
 </div>  
 <div class="col-md-6">  
 <p>{{user.id}}</p>  
 </div>  
 </div>  
 <div class="row">  
 <div class="col-md-6">  
 <label>Username:</label>  
 </div>  
 <div class="col-md-6">  
 <p>{{user}}</p>  
 </div>  
 </div>  
 <div class="row">  
 <div class="col-md-6">  
 <label>Full Name:</label>  
 </div>  
 <div class="col-md-6">  
 <p>{{user.get\_full\_name}}</p>  
 </div>  
 </div>  
 <div class="row">  
 <div class="col-md-6">  
 <label>Email:</label>  
 </div>  
 <div class="col-md-6">  
 <p>{{user.email}}</p>  
 </div>  
 </div>  
 <div class="row">  
 <div class="col-md-6">  
 <label>Phone Number:</label>  
 </div>  
 <div class="col-md-6">  
 <p>{{user.student.phone}}</p>  
 </div>  
 </div>  
 <div class="row">  
 <div class="col-md-6">  
 <label>Branch:</label>  
 </div>  
 <div class="col-md-6">  
 <p>{{user.student.branch}}</p>  
 </div>  
 </div>  
 <div class="row">  
 <div class="col-md-6">  
 <label>Class:</label>  
 </div>  
 <div class="col-md-6">  
 <p>{{user.student.classroom}}</p>  
 </div>  
 </div>  
 <div class="row">  
 <div class="col-md-6">  
 <label>Roll Number:</label>  
 </div>  
 <div class="col-md-6">  
 <p>{{user.student.roll\_no}}</p>  
 </div>  
 </div>  
 </div>  
 <a href="/edit\_profile/" style="width: 9rem;" class="btn btn-outline-primary mt-3">Edit Profile</a>  
 </div>  
 </div>  
</div>  
</div>  
{% endblock %}

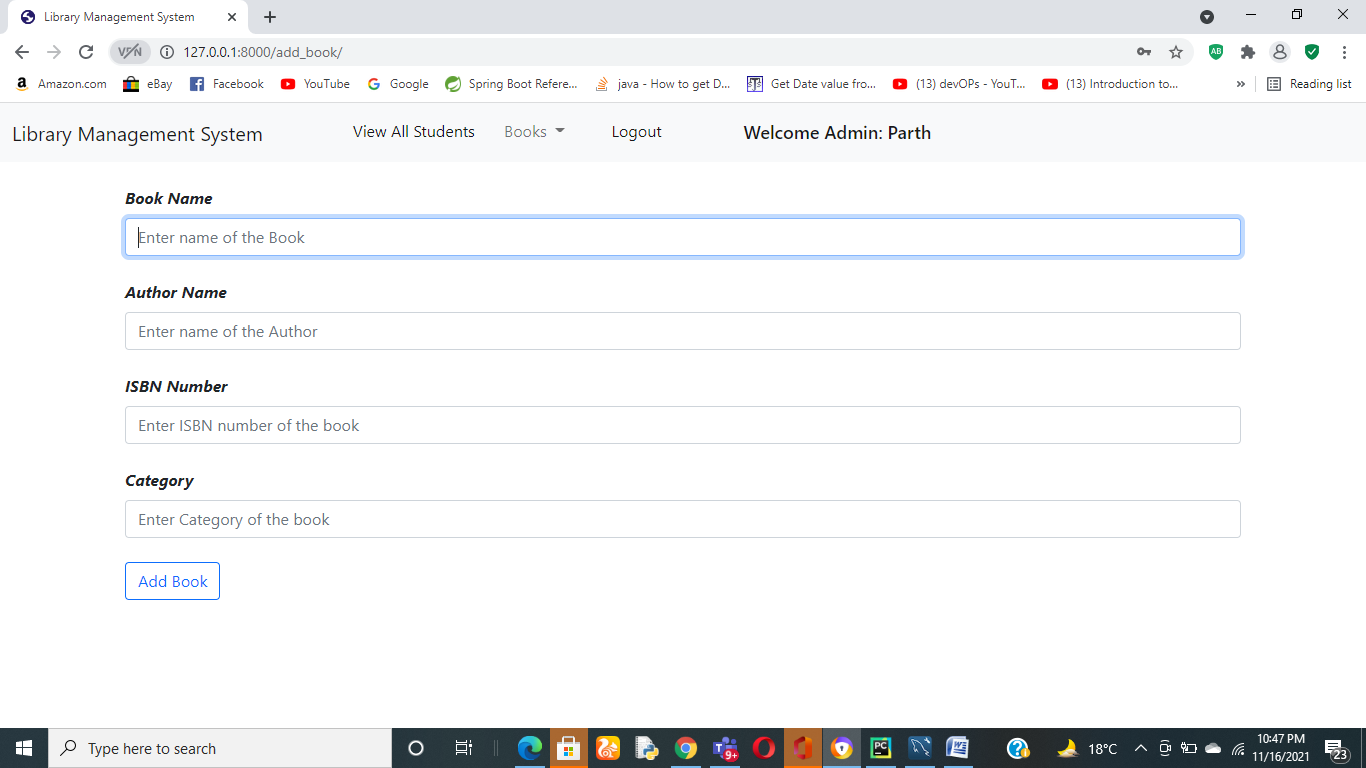
**Student Book View Page**

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**Source Code-:**

<!doctype html>  
<html lang="en">  
 <head>  
 <meta charset="utf-8">  
 <meta name="viewport" content="width=device-width, initial-scale=1">  
  
 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-KyZXEAg3QhqLMpG8r+8fhAXLRk2vvoC2f3B09zVXn8CA5QIVfZOJ3BCsw2P0p/We" crossorigin="anonymous">  
  
 <link rel="stylesheet" href="https://cdn.datatables.net/1.10.25/css/jquery.dataTables.min.css">  
 <link rel="stylesheet" href="https://cdn.datatables.net/buttons/1.7.1/css/buttons.dataTables.min.css">  
  
 <title>{% block title %} {% endblock %}</title>  
 {% block css %}  
 {% endblock %}  
 </head>  
 <body>  
 <nav class="navbar navbar-expand-lg navbar-light bg-light sticky-top">  
 <div class="container-fluid">  
 <a class="navbar-brand" href="#">Library Management System</a>  
 <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">  
 <span class="navbar-toggler-icon"></span>  
 </button>  
 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;  
 <div class="collapse navbar-collapse" id="navbarSupportedContent">  
 <ul class="navbar-nav me-auto mb-2 mb-lg-0">  
 &nbsp;&nbsp;&nbsp;  
 <li class="nav-item">  
 <a class="nav-link active" aria-current="page" href="/profile/">Profile</a>  
 </li>  
 &nbsp;&nbsp;&nbsp;  
 <li class="nav-item">  
 <a class="nav-link active" aria-current="page" href="/view\_student\_books/">View Books</a>  
 </li>  
 &nbsp;&nbsp;&nbsp;  
 <li class="nav-item">  
 <a class="nav-link active" aria-current="page" href="/logout/">Logout</a>  
 </li>  
 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;  
 <li class="nav-item">  
 <a style="font-weight:600; font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif; font-size: large;" class="nav-link active" href="#">Welcome Student: {{request.user}}</a>  
 </li>  
 </ul>  
 </div>  
 </div>  
 </nav>  
  
<div class="container mt-4">  
 <h1 class="text-center"><u>All Books List</u></h1>  
 <table class="table table-hover" id="example">  
 <thead>  
 <tr>  
 <th>Sr.No</th>  
 <th>Book Name</th>  
 <th>Author</th>  
 <th>ISBN Number</th>  
 <th>Category</th>  
  
 </tr>  
 </thead>  
 <tbody>  
 {% for book in books %}  
 <tr>  
 <td>{{forloop.counter}}</td>  
 <td>{{book.name}}</td>  
 <td>{{book.author}}</td>  
 <td>{{book.isbn}}</td>  
 <td>{{book.category}}</td>  
 </tr>  
 {% endfor %}  
 </tbody>  
 </table>  
 </div>  
 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/js/bootstrap.bundle.min.js" integrity="sha384-U1DAWAznBHeqEIlVSCgzq+c9gqGAJn5c/t99JyeKa9xxaYpSvHU5awsuZVVFIhvj" crossorigin="anonymous"></script>  
  
 <script src="https://code.jquery.com/jquery-3.5.1.js"></script>  
 <script src="https://cdn.datatables.net/1.10.25/js/jquery.dataTables.min.js"></script>  
 <script src="https://cdn.datatables.net/buttons/1.7.1/js/dataTables.buttons.min.js"></script>  
 <script src="https://cdnjs.cloudflare.com/ajax/libs/jszip/3.1.3/jszip.min.js"></script>  
 <script src="https://cdnjs.cloudflare.com/ajax/libs/pdfmake/0.1.53/pdfmake.min.js"></script>  
 <script src="https://cdnjs.cloudflare.com/ajax/libs/pdfmake/0.1.53/vfs\_fonts.js"></script>  
 <script src="https://cdn.datatables.net/buttons/1.7.1/js/buttons.html5.min.js"></script>  
  
 {% block js %}  
 <script>  
 $(document).ready(function () {  
 $('#example').DataTable({  
 dom: 'Bfrtip',  
 buttons: [  
 'copyHtml5',  
 'excelHtml5',  
 'csvHtml5',  
 'pdfHtml5'  
 ]  
 });  
 });  
 </script>  
 {% endblock %}  
 </body>  
</html>

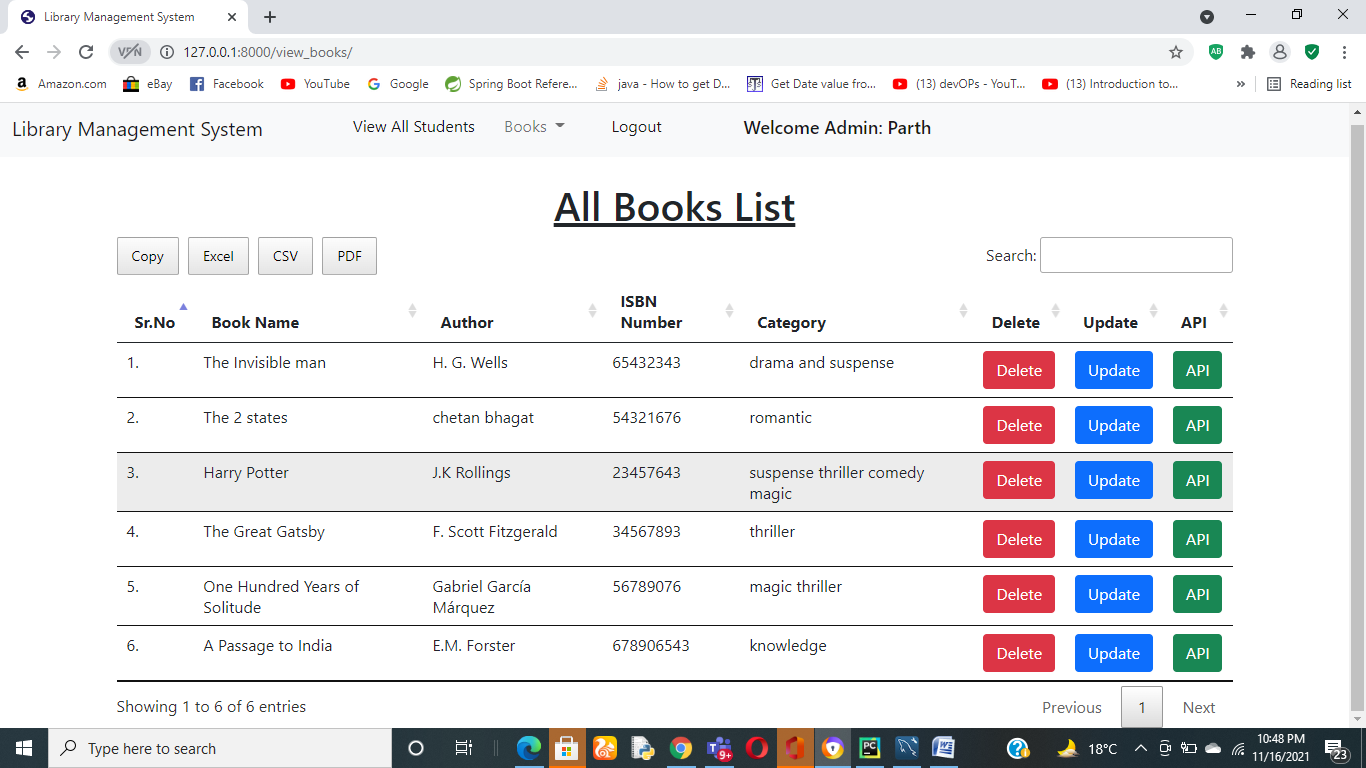
**Book Add Page**

****

**Source Code-:**

{% extends 'admin\_navbar.html' %}  
{% load static %}  
{% block title %} Library Management System {% endblock %}  
{% block css %}  
{% endblock %}  
{% block body %}  
<div class="container">  
 <form method="POST"> {% csrf\_token %}  
 <div class="row mt-4">  
 <div class="form-group col-md-12">  
 <label><i style="font-weight: bold;">Book Name</i></label>  
 <input type="text" class="form-control mt-2" name="name" placeholder="Enter name of the Book" required>  
 </div>  
 </div>  
  
 <div class="row mt-4">  
 <div class="form-group col-md-12">  
 <label><i style="font-weight: bold;">Author Name</i></label>  
 <input type="text" class="form-control mt-2" name="author" placeholder="Enter name of the Author" required>  
 </div>  
 </div>  
  
 <div class="row mt-4">  
 <div class="form-group col-md-12">  
 <label><i style="font-weight: bold;">ISBN Number</i></label>  
 <input type="number" class="form-control mt-2" name="isbn" placeholder="Enter ISBN number of the book" required>  
 </div>  
 </div>  
  
 <div class="row mt-4">  
 <div class="form-group col-md-12">  
 <label><i style="font-weight: bold;">Category</i></label>  
 <input type="text" class="form-control mt-2" name="category" placeholder="Enter Category of the book" required>  
 </div>  
 </div>  
 <button type="submit" class="btn btn-outline-primary mt-4">Add Book</button>  
</div>  
</form>  
{% endblock %}  
{% block js %}  
<script>  
 {% if alert %}  
 alert("Book is added successfully.")  
 document.location = "/view\_books"  
 {% endif %}  
</script>  
{% endblock %}

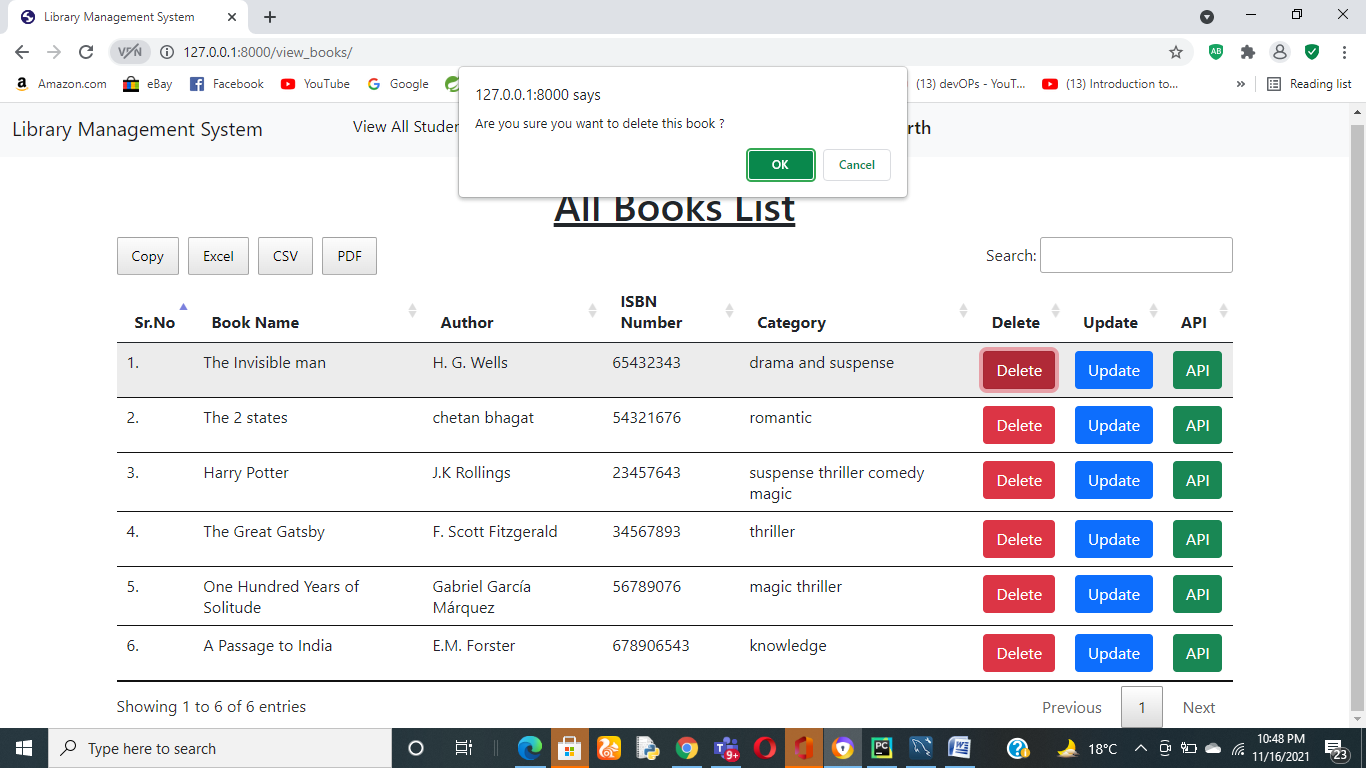
**Book View Page**

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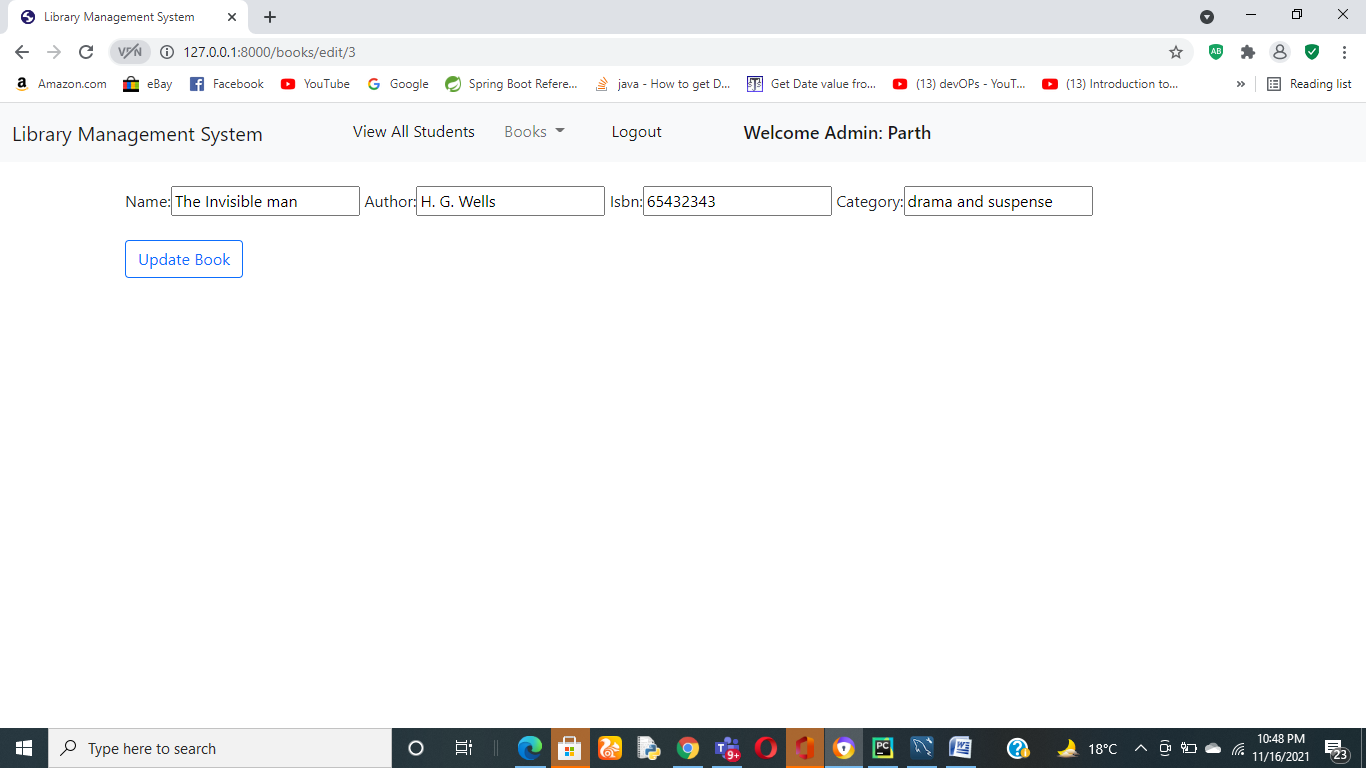
**Source Code-:**

{% extends 'admin\_navbar.html' %}  
{% load static %}  
{% block title %} Library Management System {% endblock %}  
{% block css %}  
{% endblock %}  
{% block body %}  
<div class="container mt-4">  
 <h1 class="text-center"><u>All Books List</u></h1>  
 <table class="table table-hover" id="example">  
 <thead>  
 <tr>  
 <th>Sr.No</th>  
 <th>Book Name</th>  
 <th>Author</th>  
 <th>ISBN Number</th>  
 <th>Category</th>  
 <th>Delete</th>  
 <th>Update</th>  
 <th>API</th>  
 </tr>  
 </thead>  
 <tbody>  
 {% for book in books %}  
 <tr>  
 <td>{{forloop.counter}}.</td>  
 <td>{{book.name}}</td>  
 <td>{{book.author}}</td>  
 <td>{{book.isbn}}</td>  
 <td>{{book.category}}</td>  
 <td><a href="/delete\_book/{{book.id}}/" class="btn btn-danger" onclick="return confirm('Are you sure you want to delete this book ?')">Delete</a></td>  
 <td><a href="{% url 'update\_book' book.pk %}" class="btn btn-primary">Update</a></td>  
 <td><a href="{% url 'book\_api' %}" class="btn btn-success">API</a></td>  
 </tr>  
 {% endfor %}  
 </tbody>  
 </table>  
 </div>  
{% endblock %}

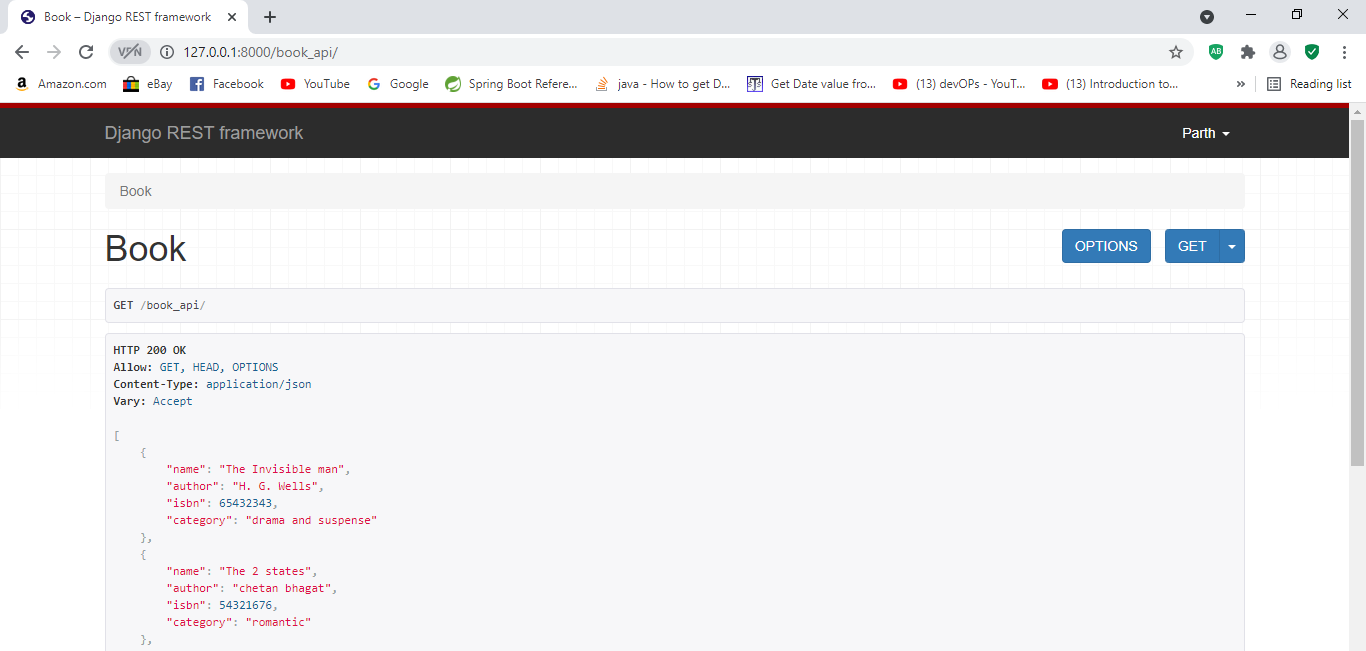
**Delete Page**

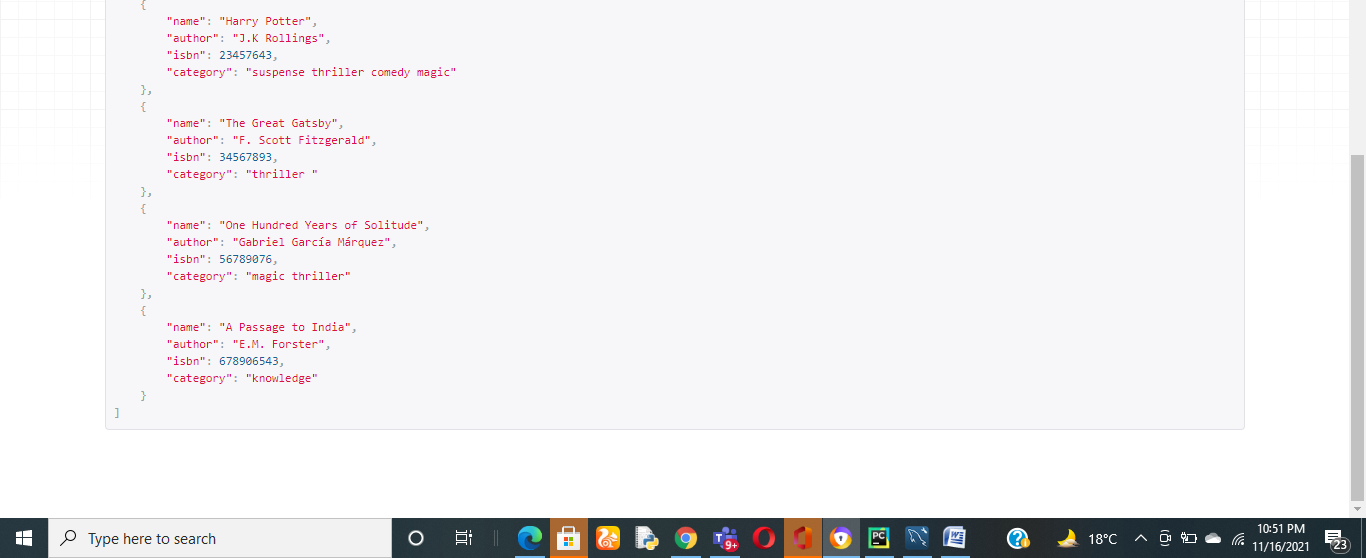
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**Update Page**

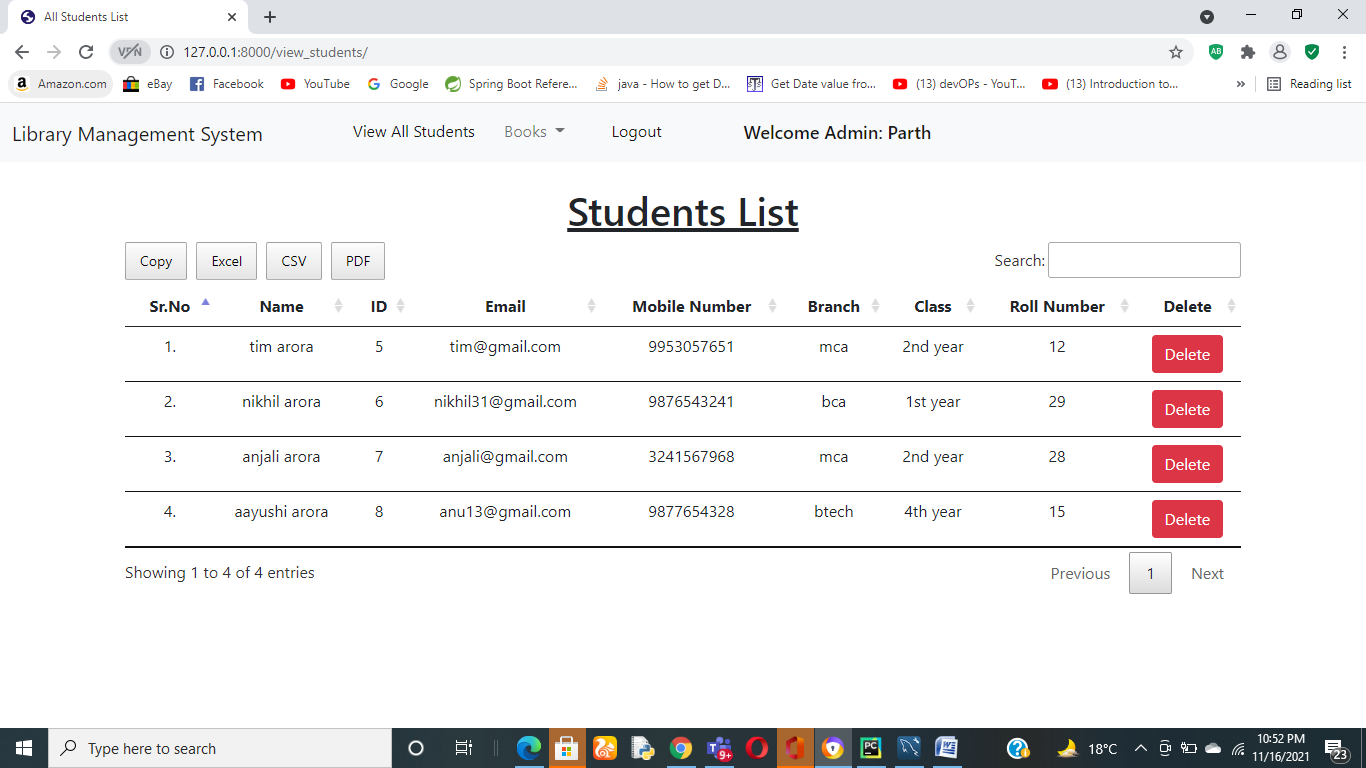
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**RESTFULL API**

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**Student View Page**

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**Source Code-:**

{% extends 'admin\_navbar.html' %}  
{% load static %}  
{% block title %} All Students List {% endblock %}  
{% block css %}  
{% endblock %}  
{% block body %}  
<div class="container mt-4">  
 <h1 class="text-center"><u>Students List</u></h1>  
 <table class="table table-hover" id="example">  
 <thead>  
 <tr class="text-center">  
 <th>Sr.No</th>  
 <th>Name</th>  
 <th>ID</th>  
 <th>Email</th>  
 <th>Mobile Number</th>  
 <th>Branch</th>  
 <th>Class</th>  
 <th>Roll Number</th>  
 <th>Delete</th>  
 </tr>  
 </thead>  
 <tbody>  
 {% for student in students %}  
 <tr class="text-center">  
 <td>{{forloop.counter}}.</td>  
 <td>{{student.user.get\_full\_name}}</td>  
 <td>{{student.user.id}}</td>  
 <td>{{student.user.email}}</td>  
 <td>{{student.phone}}</td>  
 <td>{{student.branch}}</td>  
 <td>{{student.classroom}}</td>  
 <td>{{student.roll\_no}}</td>  
 <td><a href="/delete\_student/{{student.id}}/" class="btn btn-danger" onclick="return confirm('Are you sure you want to delete this student?')">Delete</a></td>  
 </tr>  
 {% endfor %}  
 </tbody>  
 </table>  
 </div>  
{% endblock %}