

**Software Requirement Specifications**  
**Educational Consultancy**



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## Meeting Details

## **Summary**

The Educational Consultancy web application is designed to provide students with a centralized platform for accessing academic guidance, booking consultation sessions, and receiving expert advice from registered consultants.

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# **1. Introduction**

The Educational Consultancy project is designed for an academic consultancy firm that provides guidance to students aspiring to study abroad. It offers services such as study abroad advice, career counseling, test preparation, and online consultation booking. The consultancy has a growing client base and aims to enhance its services through digital transformation. The module to be developed will serve as the digital front for their offerings, improving client engagement, operational efficiency, and accessibility.

## **1.1 Purpose**

The purpose of this project is to develop a web-based platform for the consultancy that allows users to access services, book consultations, and explore resources and guidance materials. The goal is to provide a comprehensive and responsive platform that streamlines service access and supports user management.

## **1.2 Scope**

This project will cover the following components:

### **1. Home Page;**

A general overview introducing the consultancy.

### **2. Services Section;**

Detailed information about services like:

- Study abroad guidance
- Career counseling
- Test preparation

### **3. About Us, Contact, Testimonials Pages;**

To build trust and offer communication options.

### **4. Blog and Resource Sharing;**

Provide educational materials, updates, and articles.

### **5. User Registration & Profile Management;**

Students can sign up, log in, and manage their profiles.

### **6. Interactive Career Counseling Tools;**

Tools to help students make informed decisions about their careers.

### **Excluded Features (What the system will not do):**

#### **1. Full Learning Management System (LMS)**

No classroom management, assignments, or grading tools.

## **2. University Application Submission System;**

Users won't be able to submit applications to universities through this platform.

## **3. Real-Time Video Conferencing;**

Video sessions won't be directly integrated (like Zoom or Meet inside the app).

### **1.3 Product Perspective**

The Educational Consultancy system will serve as the main client-facing web platform for the consultancy. It operates independently but integrates with third-party tools for bookings, payments, and social media. The system focuses on enhancing user experience and streamlining service access. It is designed to replace manual or scattered processes with a centralized digital solution. The platform will help improve operational efficiency and student engagement.

### **1.4 User Characteristics**

#### **Admin:**

Manages content, user accounts, and consultations.

#### **Student/User:**

Books services, accesses content, receives consultation.

#### **Counselors:**

Provide consultation and guidance, manage schedules.

### **1.5 Similar apps and systems/Literature Review**

#### **IDP Education:**

Offers global consultation services but has limited personalization.

#### **Yocket:**

Strong community features but lacks integrated service booking.

End-to-end process with CRM integration but complex UI.

#### **Leverage Edu:**

Our system improves on these by offering better usability, personalized content, and seamless consultation management.

## 1.6 Proposed Technologies

**Frontend:** HTML, CSS, JavaScript, JQuery

**Backend:** Django

**Database:** PostgreSQL or MySQL

**Authentication:** Django Auth

## 2. Requirements

The platform will have multiple sections including home, about, services, blog, and contact. Users can register, book consultations, upload documents, and receive notifications. Admins and counselors can manage bookings and content. SEO, branding, and mobile responsiveness are also priorities.

### 2.1 Function Requirements

#### 2.1.1 Home Page

- **Name:** FR001
- **Purpose:** Introduce consultancy and direct users to other sections
- **User(s):** All users
- **Input:** None
- **Output:** Navigation and call-to-action

#### 2.1.2 Services Page

- **Name:** FR002
- **Purpose:** Describe consultancy services and enable inquiries
- **User(s):** All users
- **Input:** Inquiry form
- **Output:** Service details and confirmation

#### 2.1.3 About Us Page

- **Name:** FR003
- **Purpose:** Display consultancy background and team info
- **User(s):** All users

- **Input:** None
- **Output:** Text and media content

#### 2.1.4 Contact Us Page

- **Name:** FR004
- **Purpose:** Provide contact options like contact form and links
- **User(s):** All users
- **Input:** Contact form, message
- **Output:** Email sent with contact message

#### 2.1.5 Online Booking

- **Name:** FR005
- **Purpose:** Enable users to book consultations
- **User(s):** Students
- **Input:** Preferred slot, payment info
- **Output:** Booking confirmation and reminder email

#### 2.1.6 Blog Section

- **Name:** FR006
- **Purpose:** Share resources and news
- **User(s):** All users
- **Input:** Search query
- **Output:** Blog results

#### 2.1.7 Testimonials

- **Name:** FR007
- **Purpose:** Display client feedback
- **User(s):** All users
- **Input:** None
- **Output:** Text/image testimonials

#### 2.1.8 Registration and Profiles

- **Name:** FR008
- **Purpose:** Allow users to register and personalize profiles
- **User(s):** Students

- **Input:** Registration form
- **Output:** User profile created

### 2.1.9 Career Counseling Tools

- **Name:** FR009
- **Purpose:** Interactive career guidance
- **User(s):** Students
- **Input:** Form
- **Output:** Career suggestions

## 2.2 Non-Functional Requirements

### **Performance:**

The system must respond quickly with low latency to ensure a smooth user experience.

### **Scalability;**

It should support a growing number of users and increasing data without slowing down.

### **Security :**

Data must be protected through encryption, SSL, and secure user authentication.

### **Usability:**

The interface should be user-friendly, responsive, and accessible on all devices.

### **SEO Optimization:**

Pages must load fast and have clean URLs to improve search engine visibility.

### **Compliance:**

The platform should follow privacy policies, cookie notices, and legal disclaimers.

### **Maintainability:**

Admins should easily update content via a dashboard or admin panel.

### **Backup/Recovery:**

Regular data backups and recovery systems must be in place for safety.

### **Cross-Browser Compatibility:**

The website should work smoothly on Chrome, Firefox, Safari, and Edge.

### **External Integration:**

It must connect with payment gateways, booking tools, and social media platforms.

### **Branding**

A consistent look with the same colors, fonts, and logo must be maintained

throughout the platform.

### 3. Use Cases and Flow of Processes

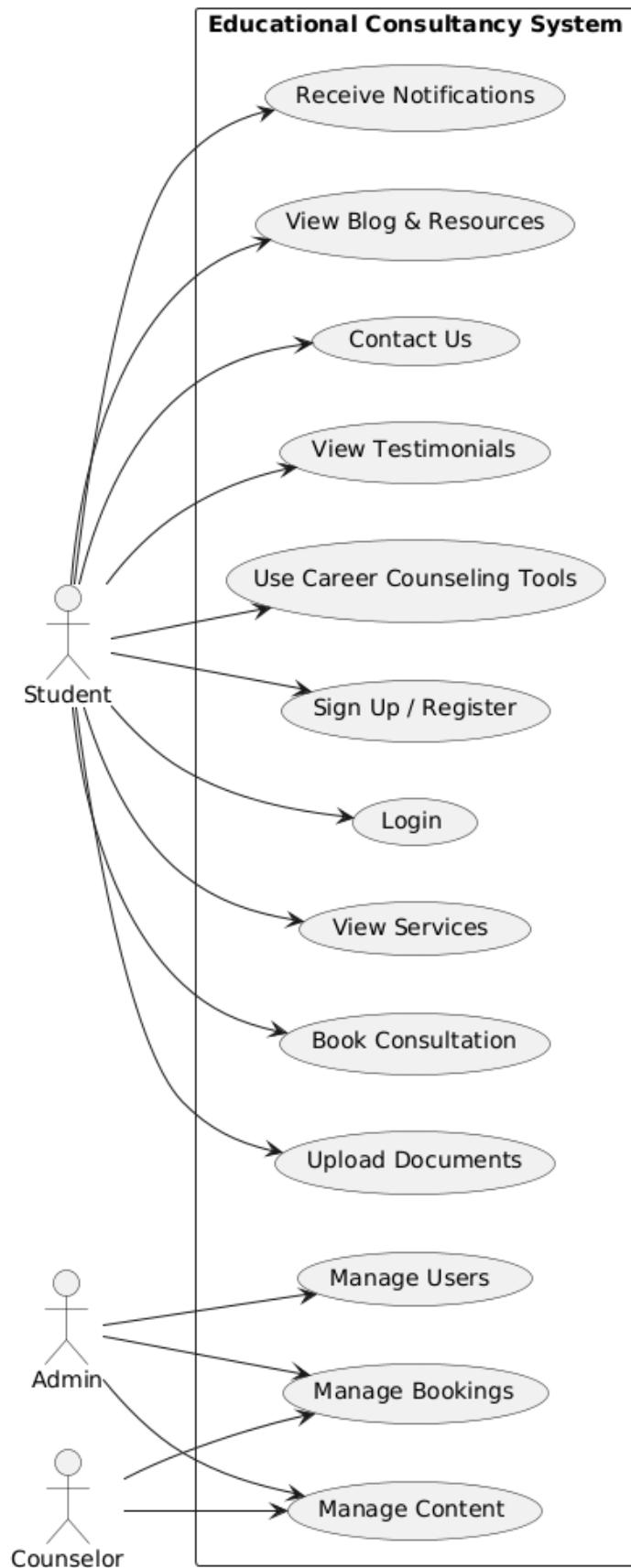
This section describes how the system will behave from a **user interaction** perspective. It maps out **what actions users perform** and **how the system responds**, helping visualize the **functional requirements**.

A **use case** represents a specific action or process a user can perform in the system.

Each use case includes:

- Actors (who performs the action)
- Preconditions (what must be true before it starts)
- Basic Flow (step-by-step process)
- Postconditions (what happens after it's complete)
- Exceptions (what could go wrong)

The **flow of processes** in the SRS includes activity diagrams and may also include sequence diagrams. These visually show how the user and system interact in real time, which helps in understanding the system logic clearly.



*Figure 1: Educational consultancy Use Case Diagram*

### 3.1 Use Case 1

<b>ID</b>	UC001
<b>Name</b>	User registration
<b>Description</b>	User sign up for access to services
<b>Requirement(s)</b>	FR008
<b>Actor(s)</b>	Student
<b>Precondition</b>	Not already registered
<b>Postcondition</b>	User profile created
<b>Basic Flow</b>	<p><b><i>Basic Flow</i></b></p> <ol style="list-style-type: none"> <li>1. User clicks on Register</li> <li>2. System prompts registration form</li> <li>3. User fills details</li> <li>4. System validates input and creates profile             <ol style="list-style-type: none"> <li>4.1. Following fields are required                     <ol style="list-style-type: none"> <li>4.1.1. Name</li> <li>4.1.2. Email</li> <li>4.1.3. Password</li> <li>4.1.4. Address</li> <li>4.1.5. Phone</li> </ol> </li> <li>4.2. Check the proper inputs for following                     <ol style="list-style-type: none"> <li>4.2.1. Email</li> <li>4.2.2. Password must be 8 character including number</li> <li>4.2.3. Phone Number on 11 digits</li> </ol> </li> <li>4.3. On successful validation the system will create new user</li> </ol> </li> </ol> <p><b><i>Alternative Flow</i></b></p> <ol style="list-style-type: none"> <li>5. Admin registers user manually</li> </ol>

	<p><i>Exceptions</i></p> <p>6. Validation failure 7. Server error</p>

## Educational Consultancy

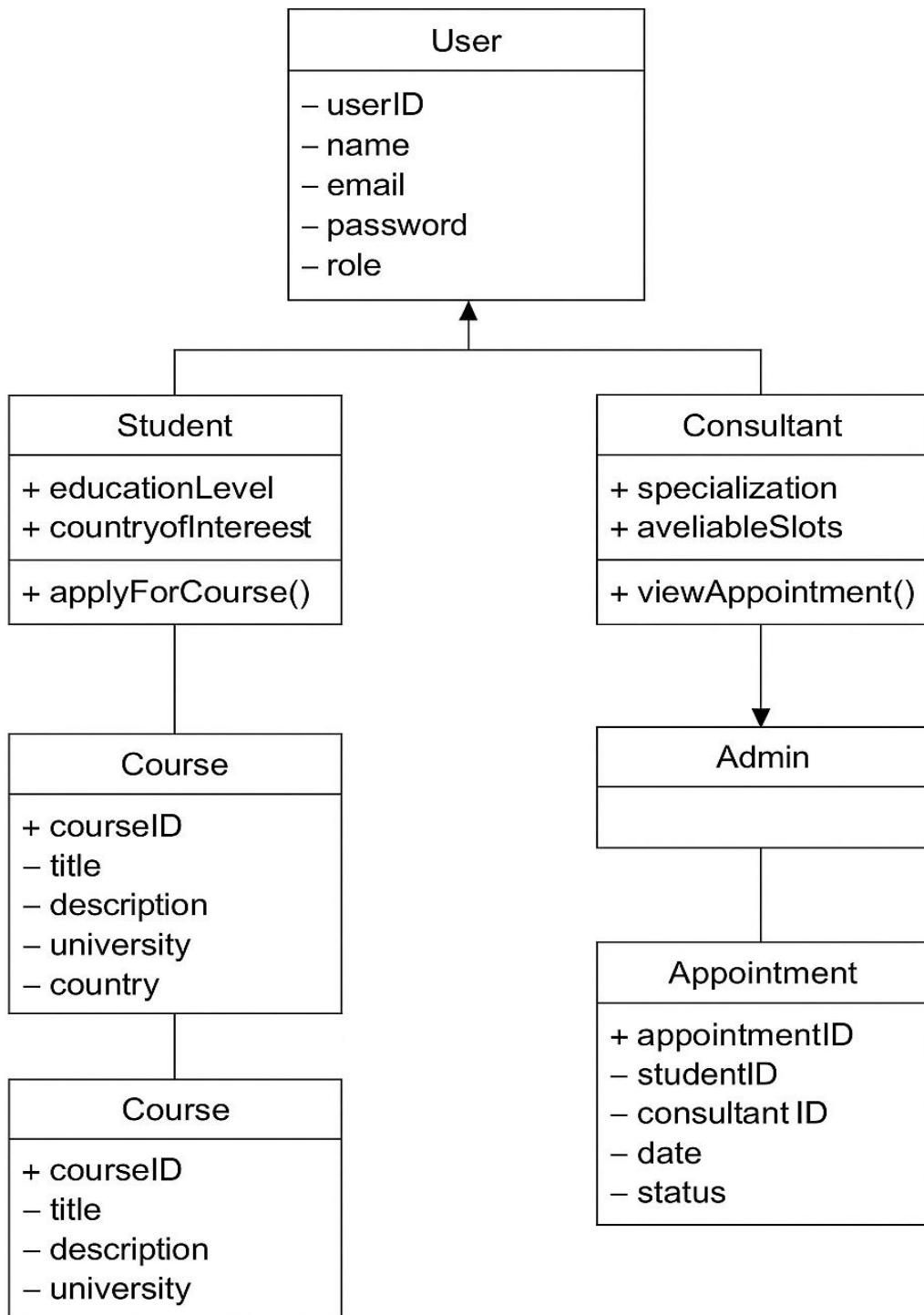


Figure 2: Educational consultancy Diagram

## 4. References

- [1] Leverage Edu - <https://www.leverageedu.com/>
- [2] IDP Global - <https://www.idp.com/>
- [3] Yocket - <https://yocket.com/>
- [4] IEEE Std 830-1998, IEEE Recommended Practice for Software Requirements Specifications