

MARKETPLACE FOR EDUCATIONAL SERVICES (EduBazar)

Project Phase - II

Presented by: Dinesh Singh

Enrollment No.: U2046035

Course: MCA Sem-IV

Project Guide: Ms. Sunita Tripathi

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INTRODUCTION

- EduBazar will connect clients seeking educational services with skilled professionals.
- The platform will provide services like tutorials, graphic designing, and application development.
- Focus: A secure, user-friendly platform for seamless interactions.
- Key Features: Advanced search, real-time booking, and review system.
- Objective: Simplify educational service discovery and delivery.

PROBLEM DEFINITION

- Current issues in finding reliable educational services:
 - Time-consuming and lacks transparency.
 - Service providers face difficulty reaching their audience.
- Existing platforms are cluttered and lack focus on education.
- EduBazar addresses these gaps with a dedicated, transparent, and efficient platform.

MOTIVATION

- Bridge the gap between clients and service providers.
- Focus on quality, transparency, and efficiency.
- Specialized features:
 - Real-time bookings
 - Secure payments
 - Review system
 - Categorized listings
- - Goal: Simplify the process and create trust in the educational services domain.

OBJECTIVE

- Create a secure, efficient, and user-friendly marketplace.
- Features:
 - Advanced search filters
 - Real-time availability
 - Secure payments
 - Review system
- Ensure scalability and security for long-term growth.

GOALS

1. Centralized marketplace for clients and service providers.
2. User-friendly interface for smooth navigation.
3. Build trust through reviews and ratings.
4. Empower providers to showcase expertise.
5. Streamline processes with advanced tools.
6. Ensure data security and secure payments.
7. Personalization for better user relevance.
8. Design for scalability and future growth.
9. Real-time communication for seamless interaction.
10. Continuous improvement based on user feedback.

Functional Requirements

- User Registration and Authentication
- Service Listings with descriptions and categories
- Advanced Search and Filters
- Real-Time Booking and schedule sync
- Secure Payment Gateway Integration
- Review and Rating System
- Messaging System for communication
- Django Admin Panel for management
- User Profiles for tracking and showcasing

Non-Functional Requirements

- **Performance:** Handle high traffic efficiently.
- **Usability:** Intuitive and responsive interface for all devices.
- **Scalability:** Accommodate growth without performance issues.
- **Security:** Encrypted data, secure payments, and compliance with data laws.
- **Compatibility:** Works across browsers and operating systems.
- **Maintainability:** Easy updates, bug fixes, and enhancements.
- **Backup and Recovery:** Regular data backups to prevent loss.
- **Accessibility:** Inclusive design for all users, including those with disabilities.

Technical Requirements

- **Frontend Technologies**

- HTML: Page structure and markup.
- CSS: Custom styling and layout.
- JavaScript: Interactive features.
- Bootstrap: Prebuilt UI components.

- **Backend Technologies**

- Django: Framework for backend operations.
- SQLite: Database for user and service data.
- Django ORM: Database interactions.

SYSTEM REQUIREMENTS

SOFTWARE REQUIREMENTS

- Operating System
:Window/Linux/Mac
- Frontend: HTML, CSS, JavaScript
- Framework: Django, Bootstrap
- Database : SQLite
- IDE : Visual Studio Code, PyCharm
- Browser:
Chrome/Mozilla/Edge/Brave

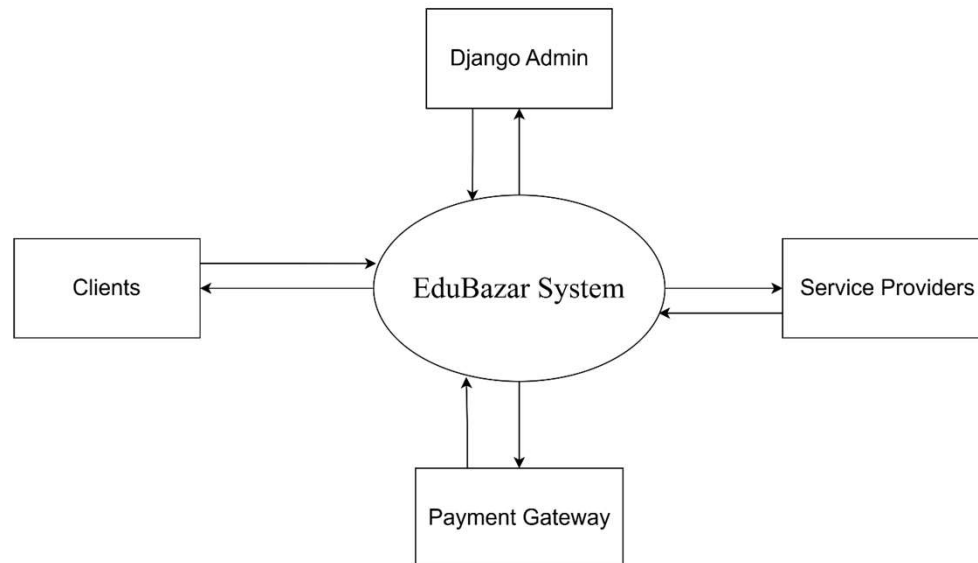
HARDWARE REQUIREMENTS

- Processor : Intel/AMD/Ryzen
- RAM : 4 GB or Higher
- Speed: 1.00 GHz
- System Type: 64-bit operating system

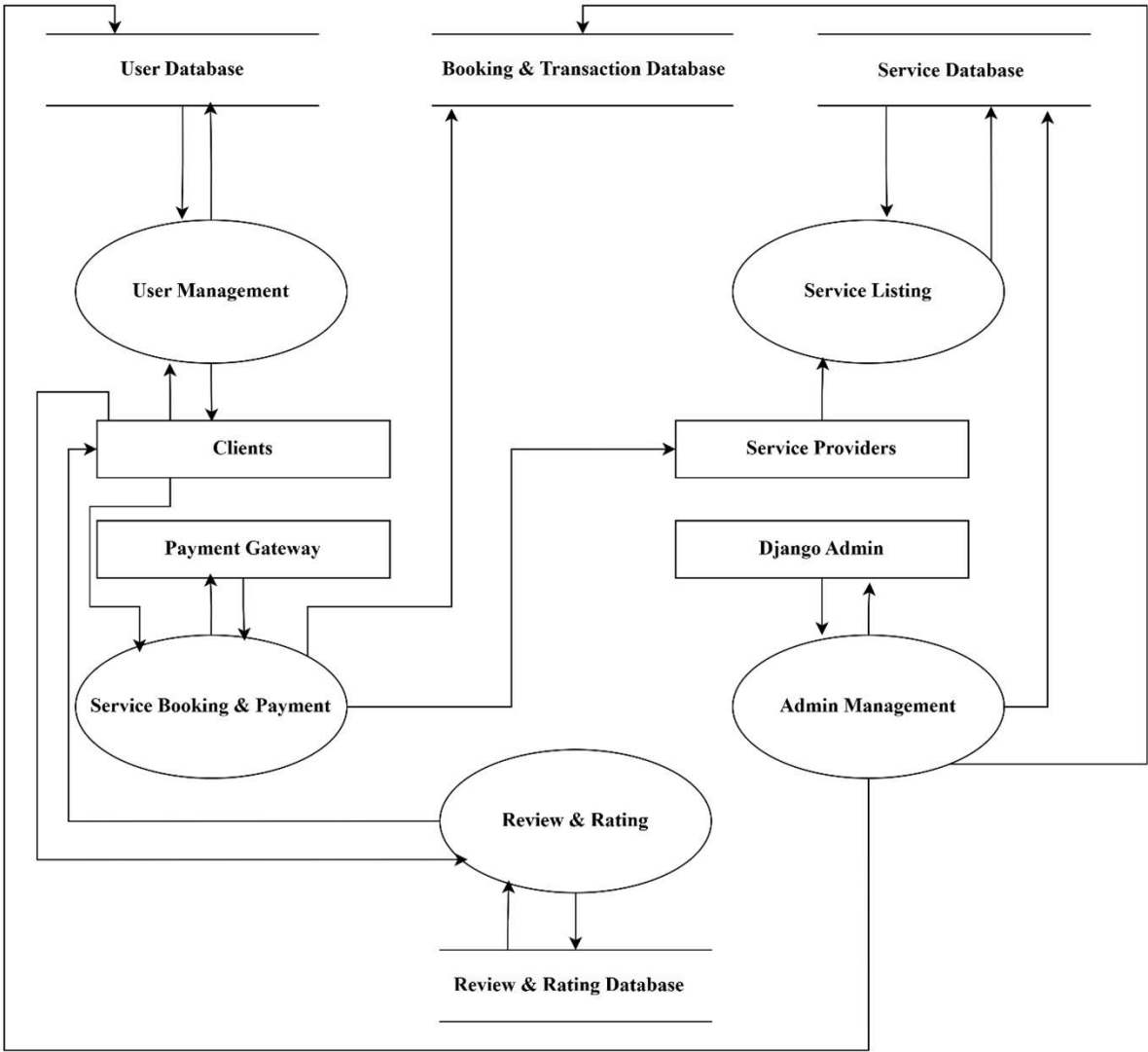
SYSTEM DESIGN

- Detailed System design of **EduBazar** using Data Flow Diagram (DFD)

Level - 0

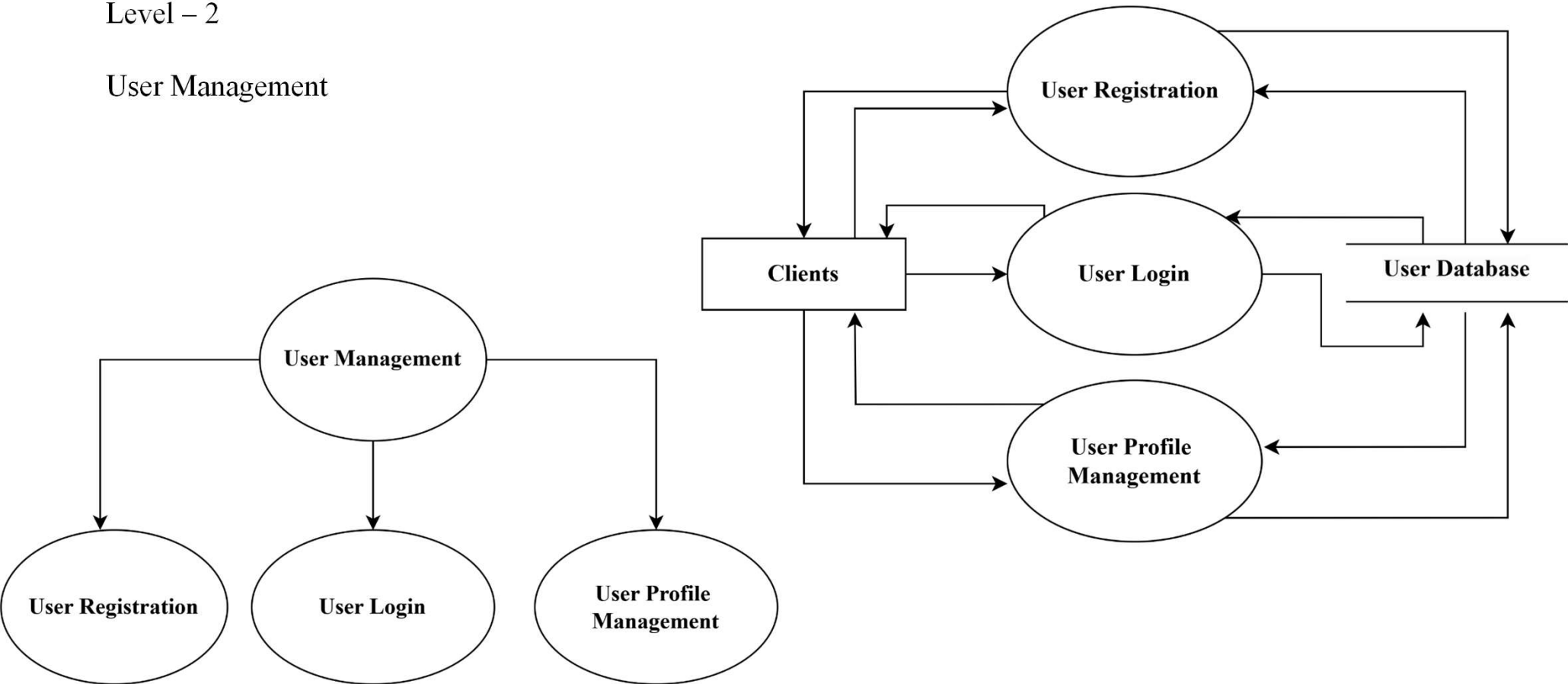


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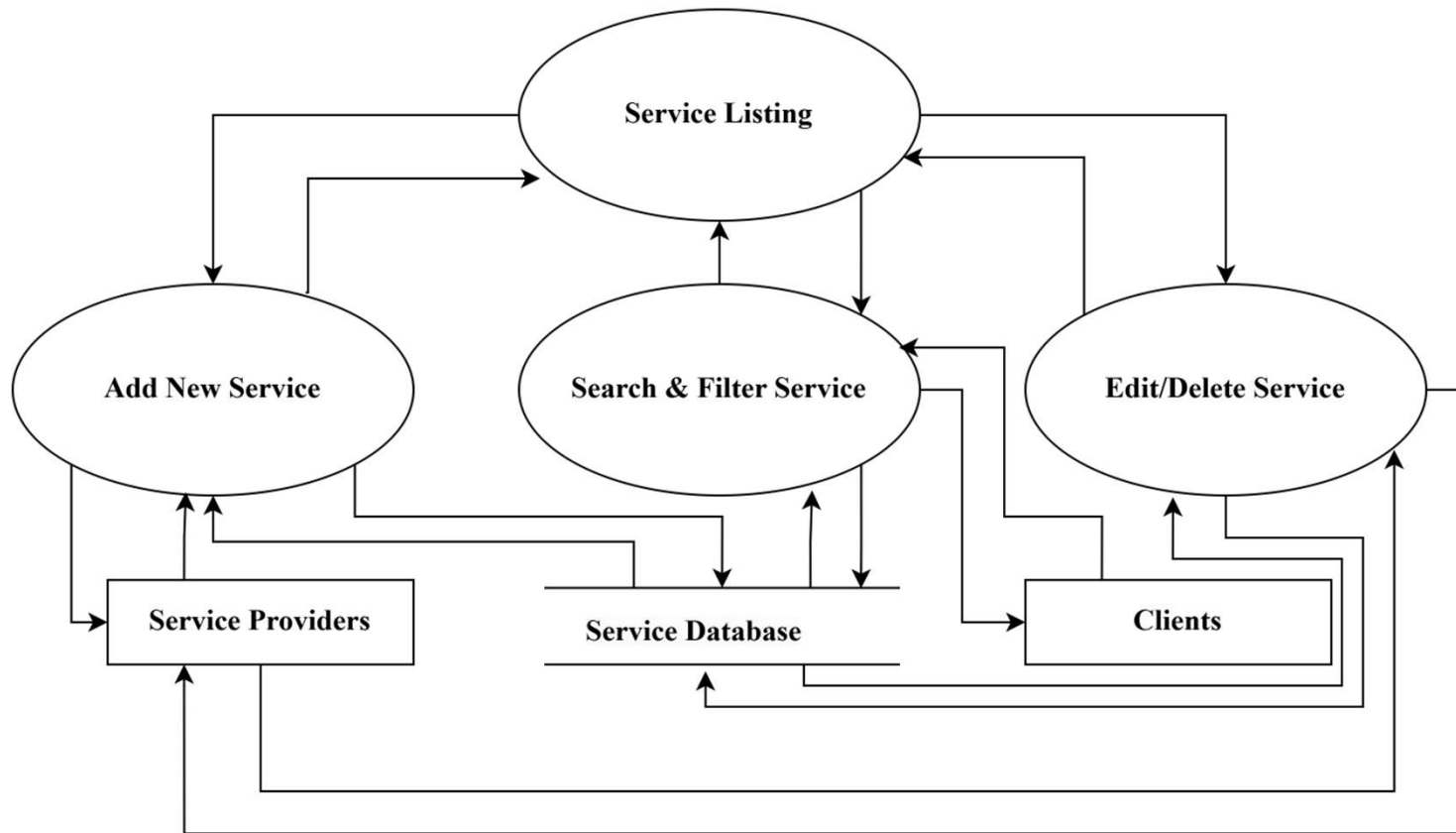
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User Management



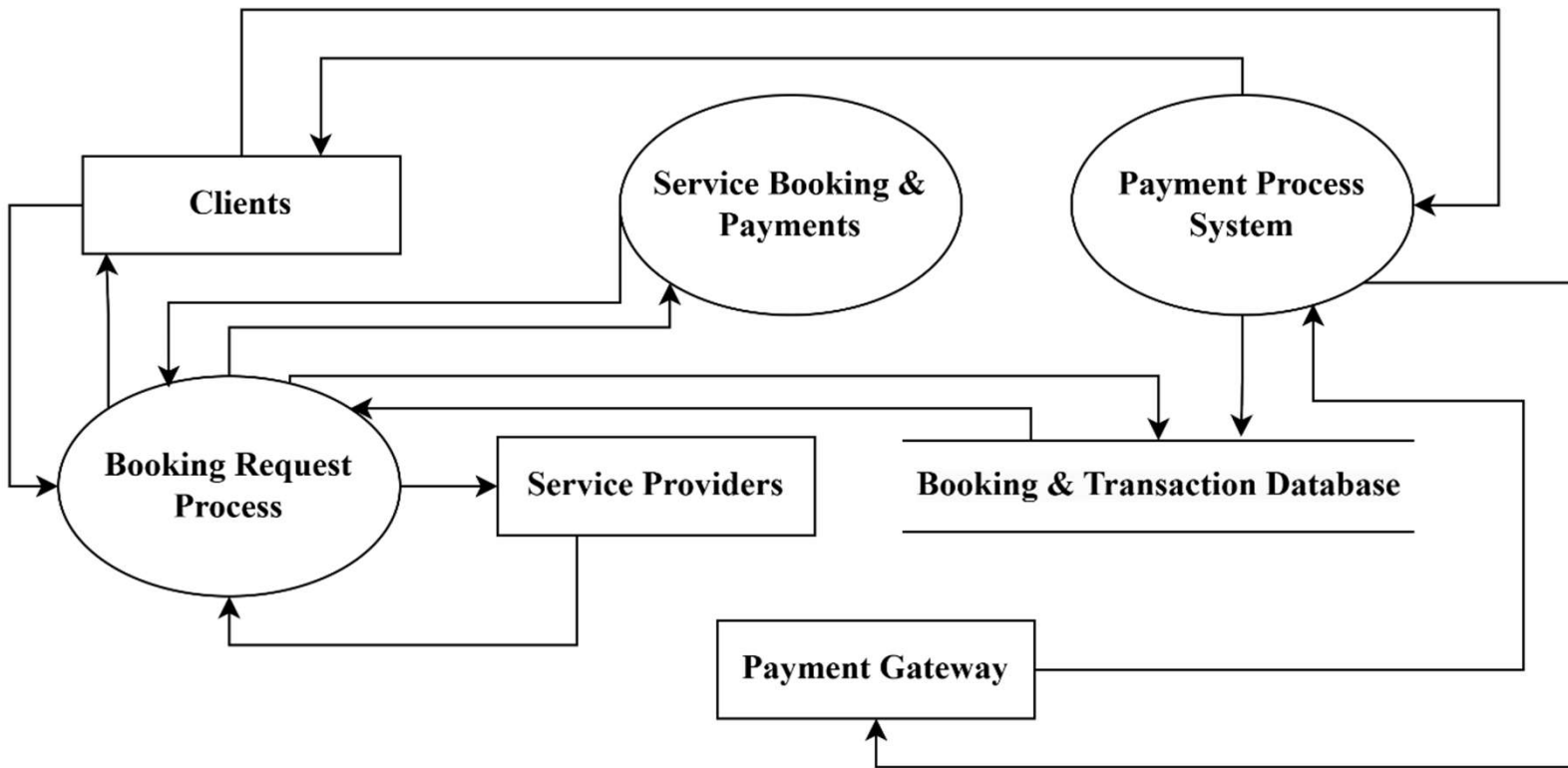
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Service Listing



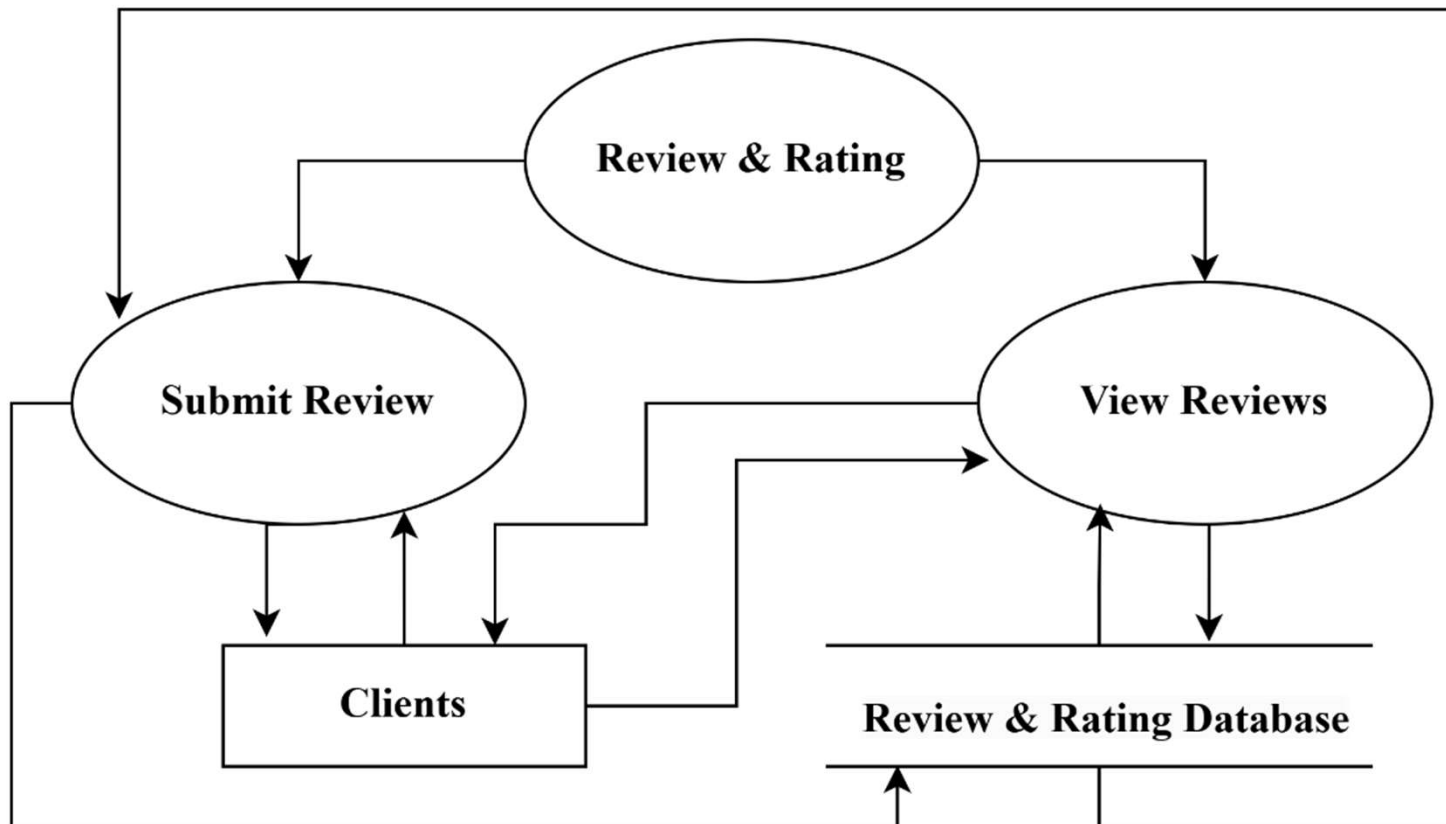
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Service Booking & Payment



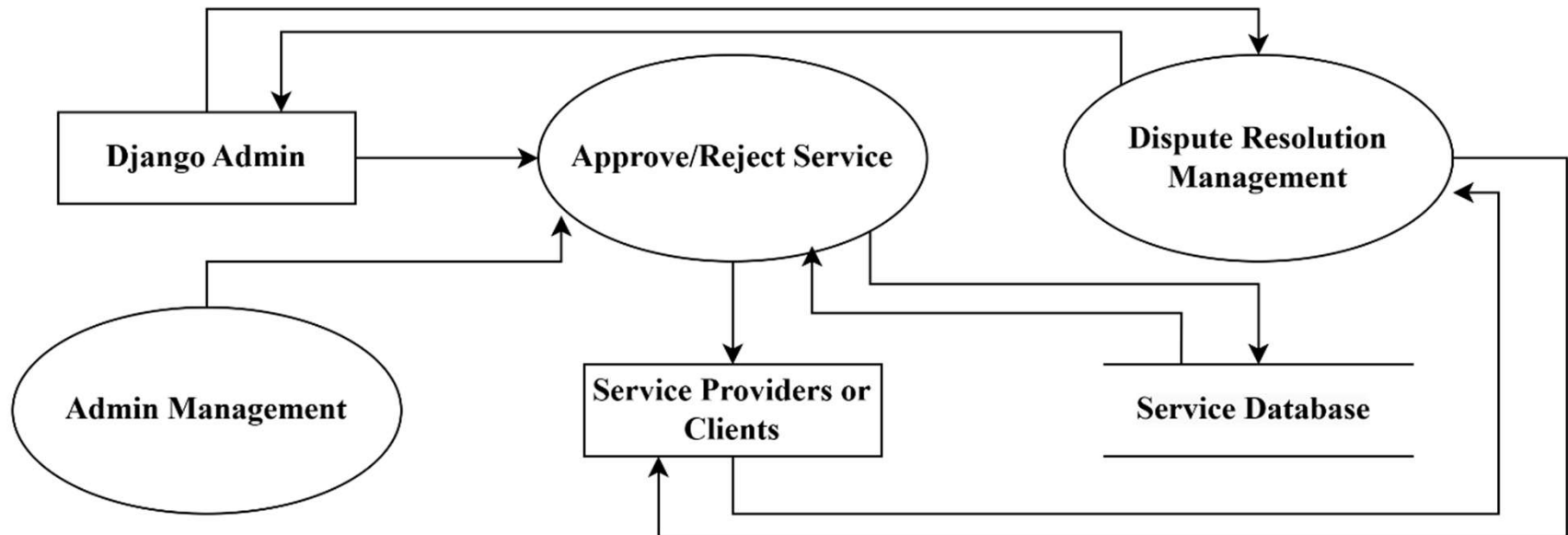
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Review & Rating



Level – 2

Admin Management



THANK YOU!