



Submitted to:

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Group 7

Student Recruitment Management System

APRIL 21, 2025

Our Team



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Proposed System Overview



Student Recruitment Management System streamlines current student recruitment process, which is often disjointed and time-consuming, especially for international students who need visa sponsorships. The new system will bring everything together in one place, consolidating information about students, companies, job opportunities, and recruitment events. By centralizing this data, the matching process will become more efficient, saving both students and companies valuable time and effort.

Business Justification

O1

Faster and more transparent recruitment process.

O2

Easy job access and status tracking for students.

O3

Efficient candidate matching and management for recruiters.

O4

Secure and scalable solution for universities.

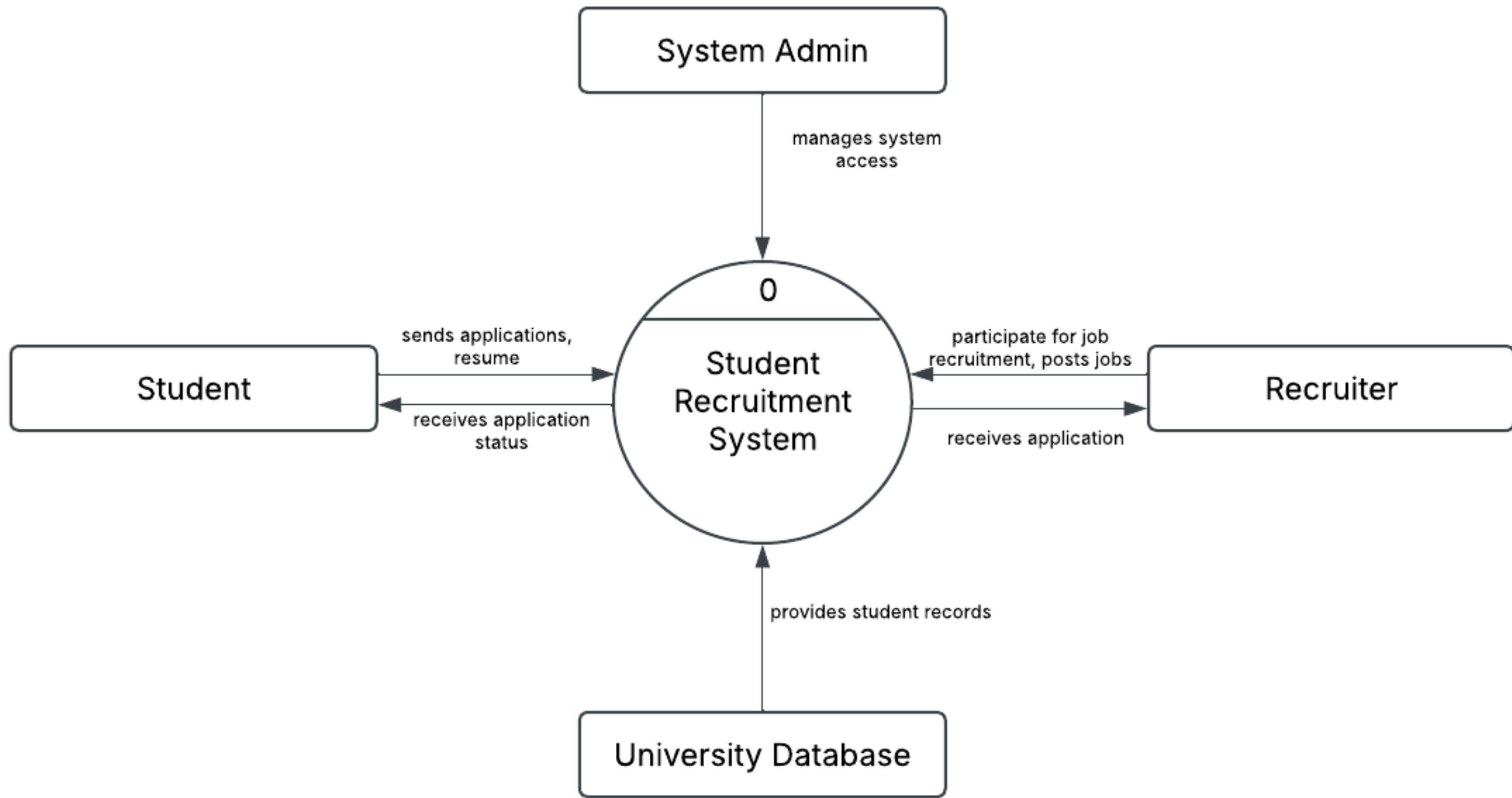


Benefits

- One-Stop Job Hub: Centralized access to job listings, events, and company information.
- Smart Filters: Search by skills, degree, job type, and visa sponsorship.
- Support for International Students: Filter jobs by visa sponsorship availability.
- Company Insights: Explore roles, work culture, and hiring needs before applying.
- Better Matches: Pre-filtered candidates and job results based on relevance.
- Application Tracking: Real-time status updates for student applications.
- Stronger University-Employer Connections: University Integrate system with career services to promote tailored opportunities.



Process Model SRS-DFD



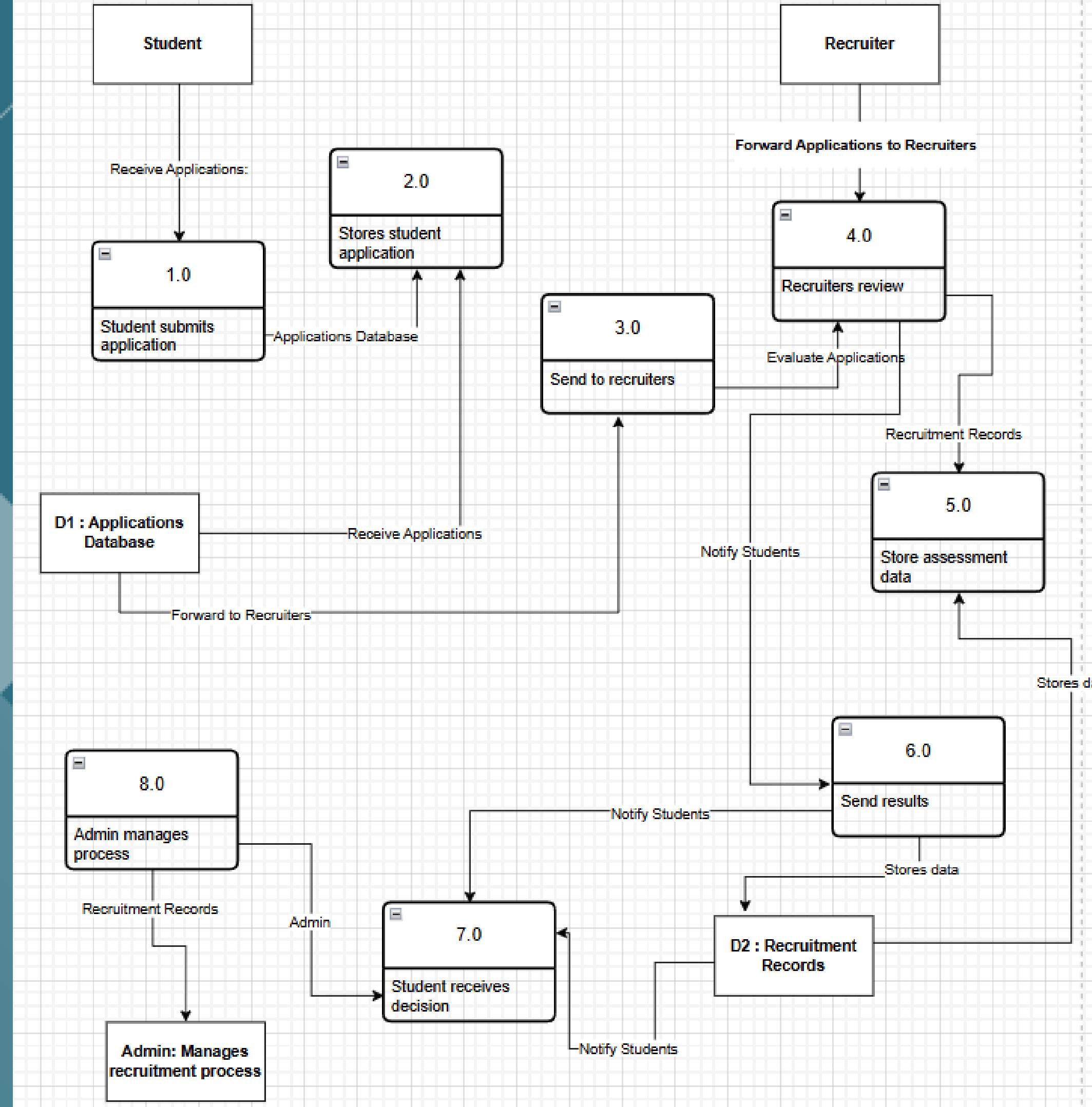
High-Level Processes for Student Recruitment Management System

Process	Description	Type of Requirement
Receive student applications	Accept and store applications from students for job listings through the system.	Functional
Forward applications to Recruiters	Automatically send submitted applications to the respective recruiters for further action.	Functional
Assess and Select Candidates	Recruiters evaluate applications based on established criteria and select candidates for interviews or other assessment stages.	Functional
Update Students on Application Status	Systematically notify students about the status of their applications, including submission acknowledgments, interview invitations, or rejections.	Functional
Maintain job Application Database	Keep the job application database updated with current status, applicant details, and job listing information.	Functional
Organize recruitment Events	Plan and execute recruitment events, managing logistics, participation, and follow-up activities.	Functional
Generate Recruitment Reports	Produce detailed reports and analytics on recruitment activities, outcomes, and trends to facilitate strategic decision-making.	Functional
Dispatch notifications and reminders	Send timely notifications and reminders to both students and recruiters about key dates, changes, application status change and actions required.	Functional

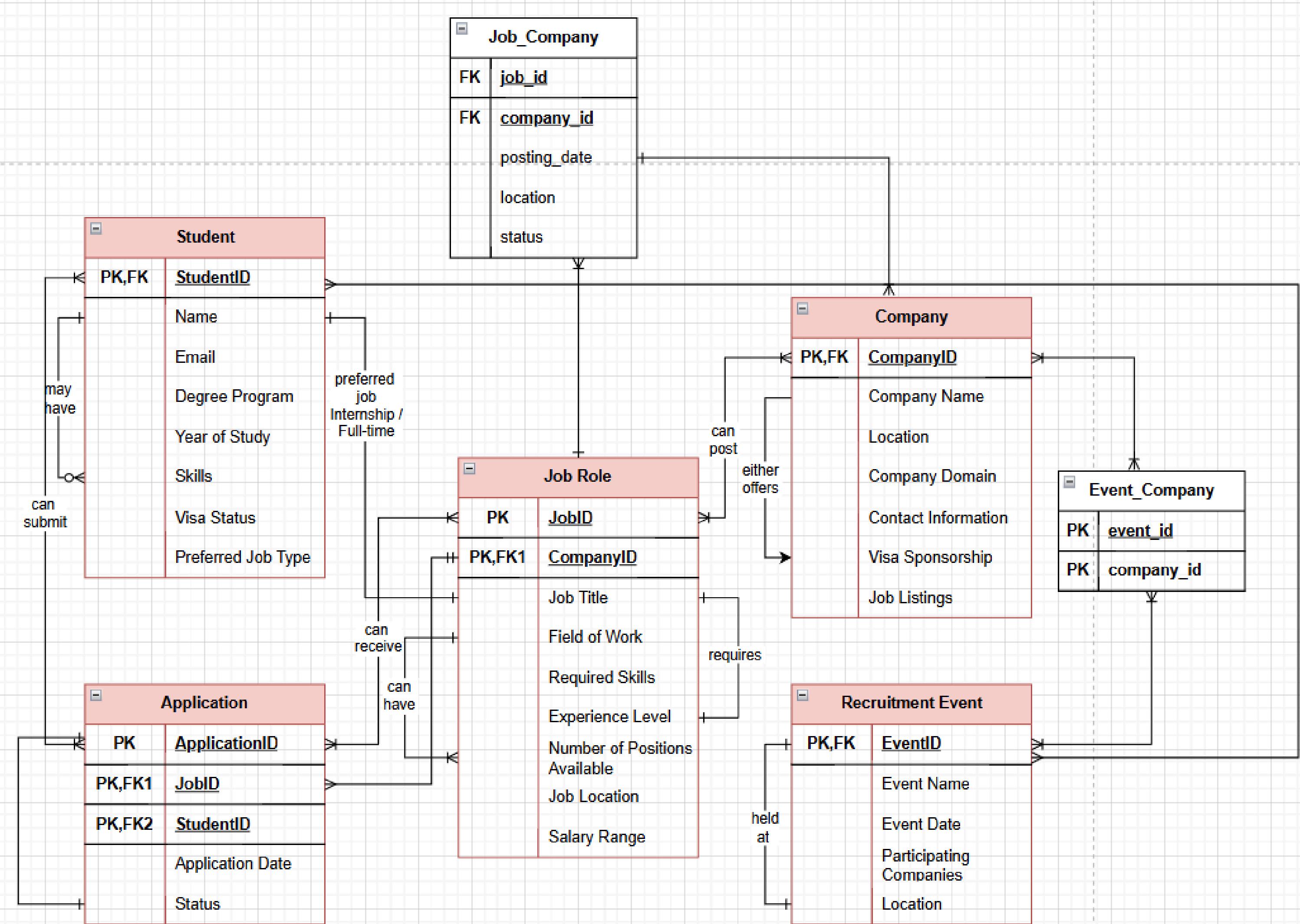
High-Level Processes for Student Recruitment Management System

Process	Description	Type of Requirement
Update / Post jobs	Recruiters create and publish job listings, detailing roles, requirements, Visa details and other job-related information within the system.	Functional
Update student profiles	Students update their profiles with current academic achievements, work experiences, skills, and personal information to enhance job matching.	Functional
Update system documentation	Regularly revise and enhance system documentation and user guides to reflect updates and new features, ensuring clarity and usability for all stakeholders.	Non-Functional
Verify Student Credentials	Authenticate and verify the accuracy of information provided by students in their profiles and applications.	Non-Functional
Integrate with University systems	Seamlessly connect with existing university administrative and academic systems to synchronize student data and facilitate operations.	Non-Functional
Promote use of System	Conduct promotional activities and training sessions to encourage active participation from students and recruiters, maximizing the system's utility.	Non-Functional

Level-0 DFD



ER Diagram



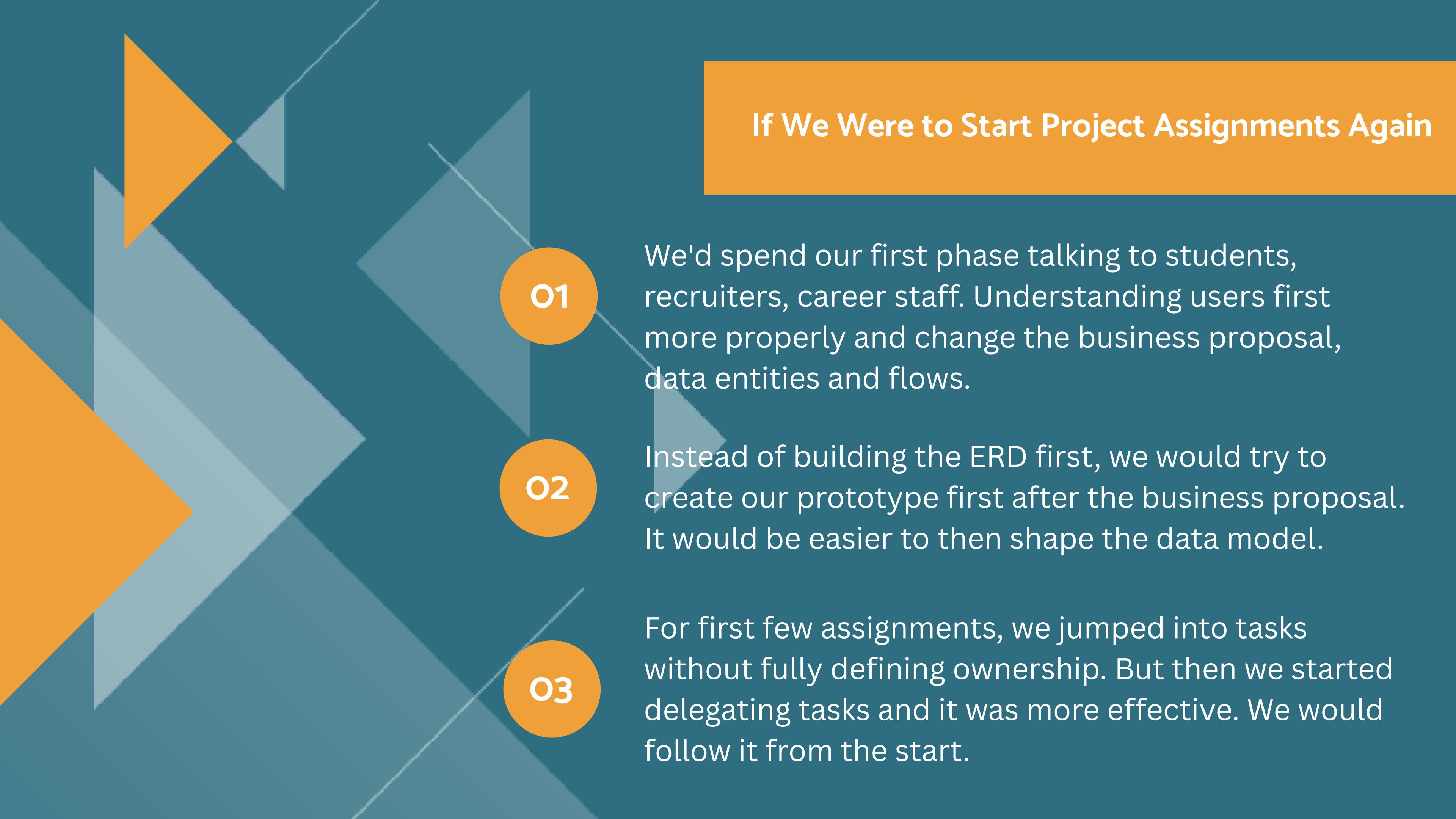
Brief overview - logical model as described in ERD



PROTOTYPE

Visuals of our Student Management Recruitment System.

Student Management Recruitment system



If We Were to Start Project Assignments Again

O1

We'd spend our first phase talking to students, recruiters, career staff. Understanding users first more properly and change the business proposal, data entities and flows.

O2

Instead of building the ERD first, we would try to create our prototype first after the business proposal. It would be easier to then shape the data model.

O3

For first few assignments, we jumped into tasks without fully defining ownership. But then we started delegating tasks and it was more effective. We would follow it from the start.

Significant learnings

O1

Working as a team and dividing tasks fairly helped us stay organized and efficient.

O2

We made sure to support each other, especially when someone couldn't contribute due to other commitments.

O3

Making the ERD was tough in the beginning, but with practice, we got the hang of it.

O4

We learned that clearly defining entities and their attributes from the start is key to building consistent, goal-driven data models.

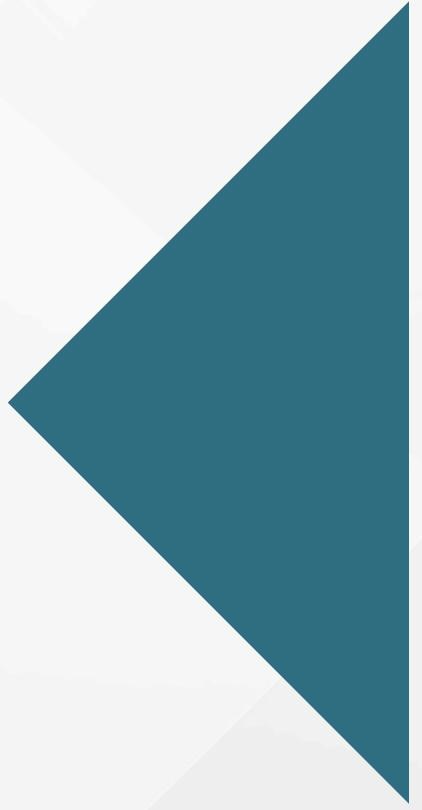
Other Lessons

O1

Clarifying doubts early and openly sharing progress and feedback helped us stay aligned and on track throughout the assignment.

O2

Clear communication and documenting everything thoroughly made collaboration smoother and improved team understanding.



**THANK
YOU**