

3. Project Design Phase

Date	02 November 2025
NM_ID	E8134801B1EE0ABB927495C424A84A47
Project Title	Educational Organisation Using ServiceNow

Description :

The design phase focuses on creating the structure of the application — defining tables, relationships, and user interfaces.

Components Designed :

Admission Table :Fields: Admission Number, Admission Date, Grade, Student Name, Father/Mother Details, Phone numbers.

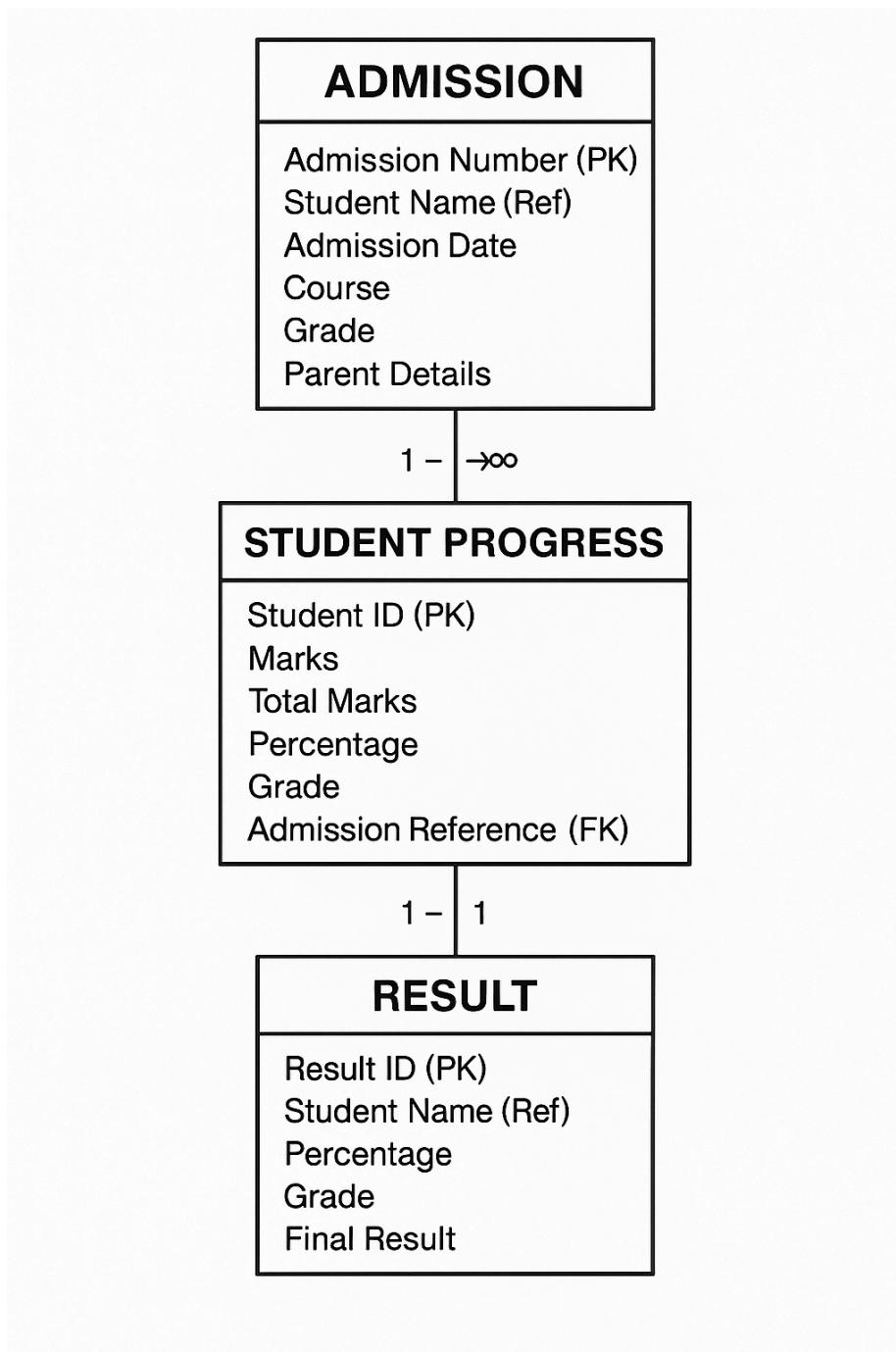
Student Progress Table :Fields: Student Name, Tamil, English, Maths, Science, Social, Total, Percentage, Result to track subject marks and calculate percentage.

Result Table :Fields: Admission (Reference), Section (Reference), Student Progress (Collection).

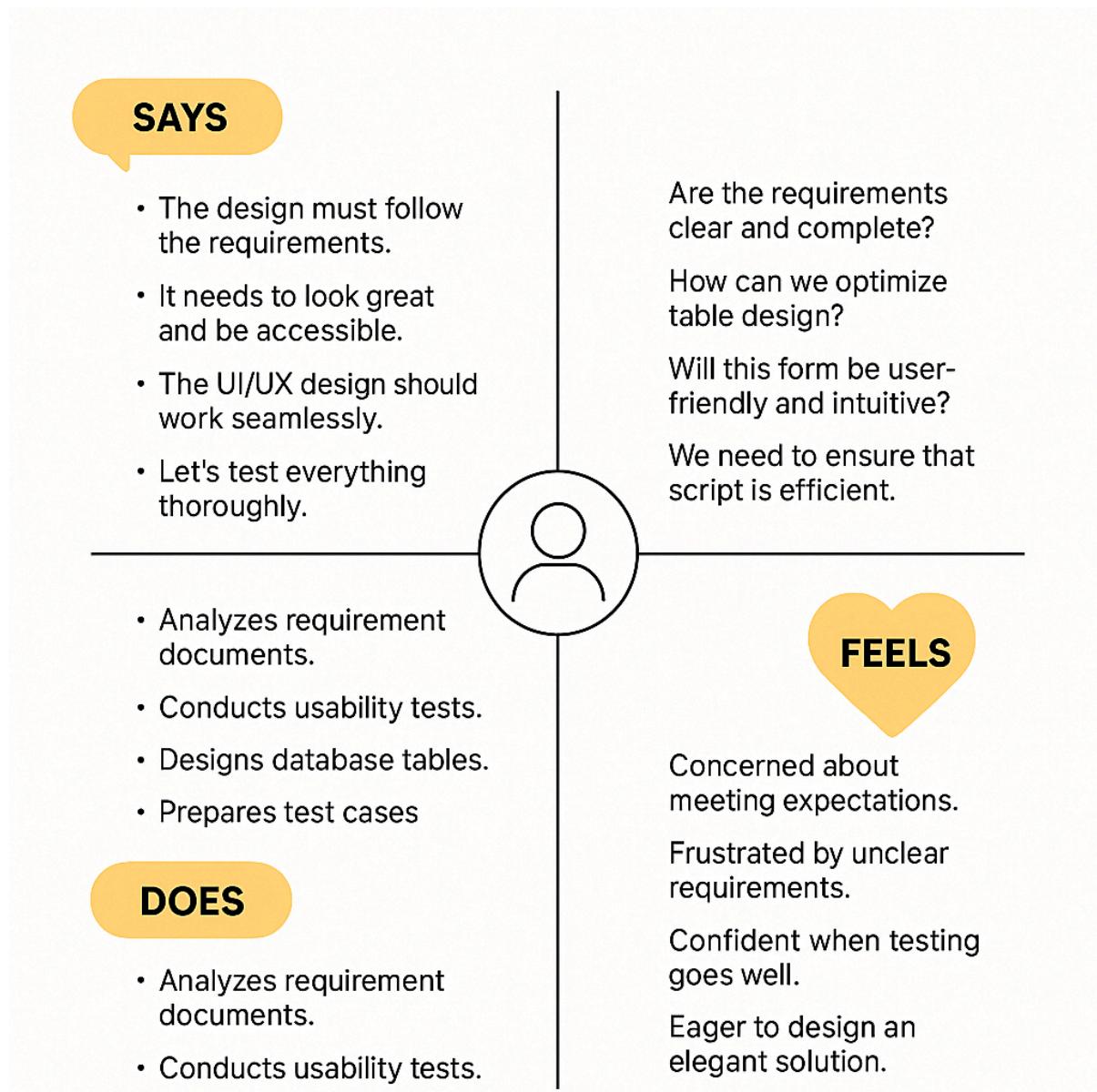
Idea Prioritization :

Priority	Idea	Reason
High	Test load speed with multiple admissions	Ensures scalability of the app
High	Validate grade and percentage accuracy	Maintains trust and reliability
Medium	Validate grade and percentage accuracy	Improves user satisfaction
Medium	Monitor auto-number generation under multiple entries	Ensures unique record IDs
Low	Visual testing of form alignment	Minor effect on overall performance

ER Diagram :



Empathy Map :



Conclusion :

The design phase transformed the project idea into a working structure. Tables, forms, and relationships were carefully designed to maintain a smooth data flow, creating a strong foundation for the implementation phase.