

CSC 540 - DATABASE MANAGEMENT CONCEPTS & SYSTEMS

Project Title : COURSE REGISTRATION SYSTEM

Project Deliverable : 1
(Team members, ER Diagram, Relationship
Types)

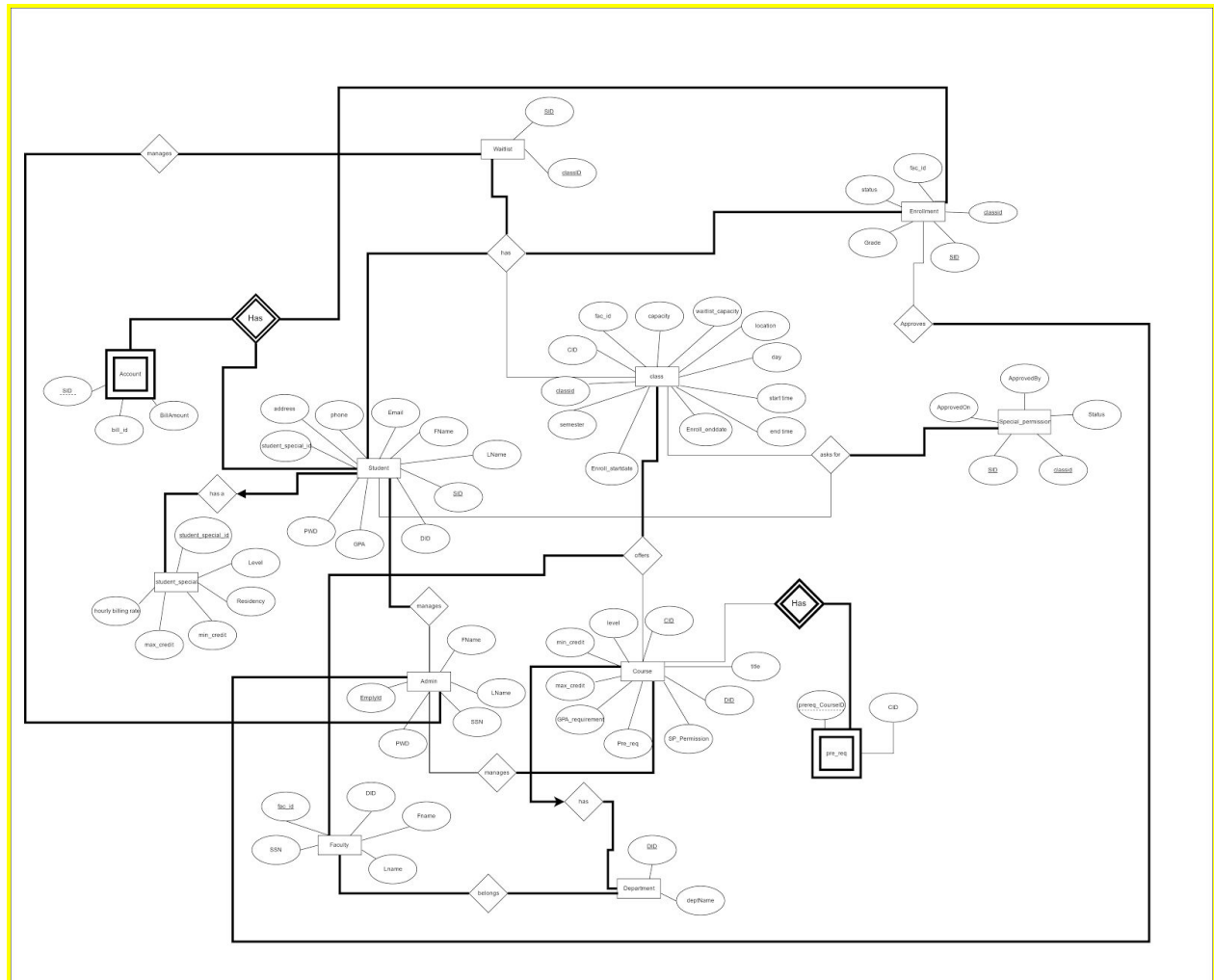
Team members (Name: UnityID):

- 1) Khelan Patel: KJPATEL4
- 2) Rushi Bhatt: RBHATT
- 3) Navjot Singh: NSINGH9
- 4) Zankruti Desai: ZNDESAI

LIST OF ENTITIES AND THEIR ATTRIBUTES:

List of Entities	Attributes
Course	CID,Title,DID,SP_Permission,Pre-req,level,min_credit,max_credit,GPA_Requirement
Student	SID,Fname,Lname,Email,Phone,GPA,DID,Address,PWD,Student_special_id
Class	ClassID,CID,fac_id,capacity,waitlist_capacity,location,day,s_time,e_time,semester,Enroll_startdate,Enroll_enddate
Admin	EmpID,SSN,Fname,Lname,PWD
Enrollment	SID, Grade,ClassID,fac_id,status
Student	Student_special_id,level,residency,min_credit,max_credit,hourly_billing_rate
Faculty	fac_id,Fname,Lname,DID,SSN
Special Permission	SID,ClassID,Status,ApprovedBy,ApprovedOn
WaitList	AID,ClassID
PreReq	CID,Prereq_coureID
Department	DID,Dept_name
Account	Bill_ID,SID,BillAmount

ER-DIAGRAM:



RELATIONSHIP TYPE:

Relationship type	Entities	Relationship Name
Binary	Course, pre_req	Has
	Faculty, Department	Belongs
	Department, course	Has
	Admin, course	Manages
	Student, Admin	Manages
	Waitlist, Admin	Manages
	Admin, Enrollment	Approves
	Student, Student_Special	Hasa
Ternary	Account, Enrollment, Student	Has
	Special_permission, Student, Class	Asks
	Class, Student, Course	Offers
Four-Ary	Waitlist, Student, Class, Enrollment	Has

Statement

This is to confirm that, all of the team members have gone through the project description more than 3-4 times. We have tried our best to capture all the ambiguities that may arise.