

Introduction to database systems
Schema report
Team number: 14



Team members:

• Aisha Mousa	1	32
• Hady Maher	2	28
• Ibrahim Mahmoud	1	1
• Reem Ashraf	1	24

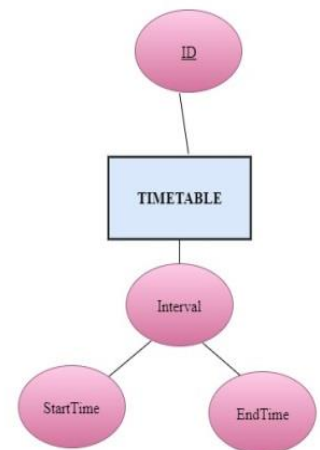
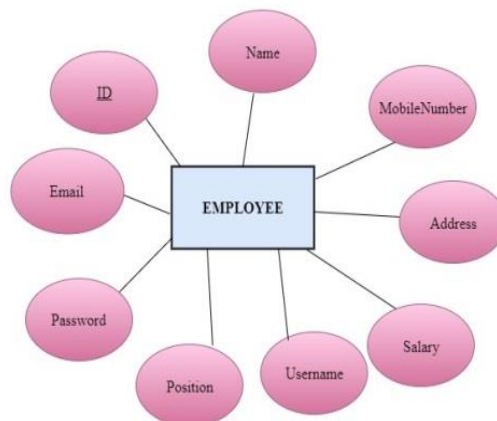
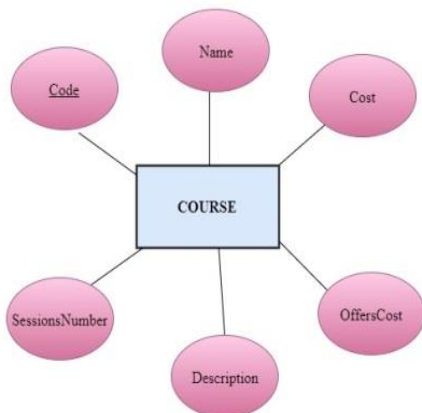
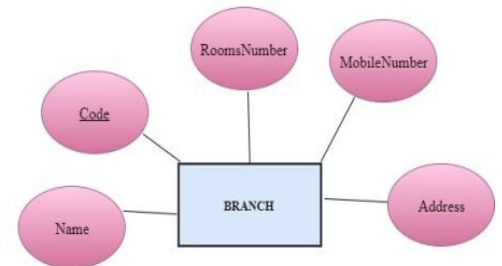
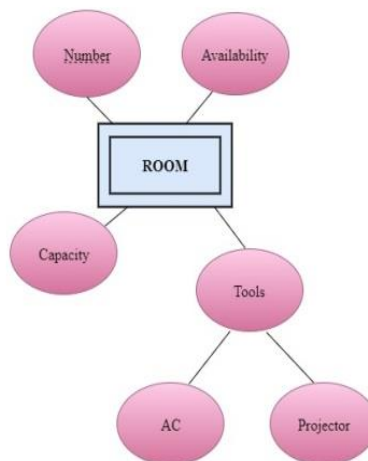
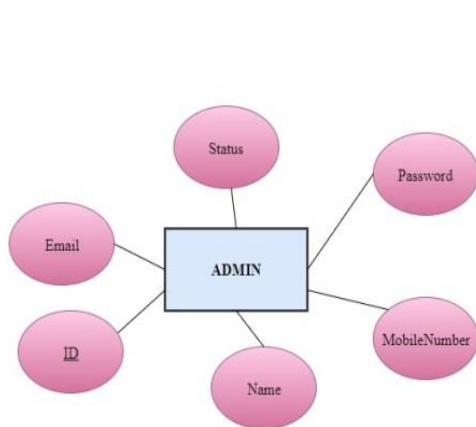
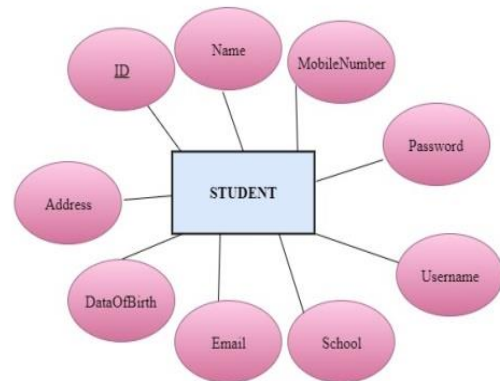
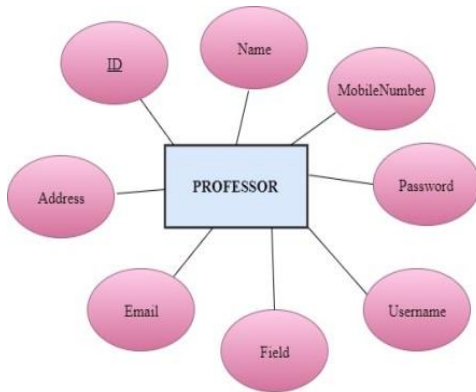
Contact info:

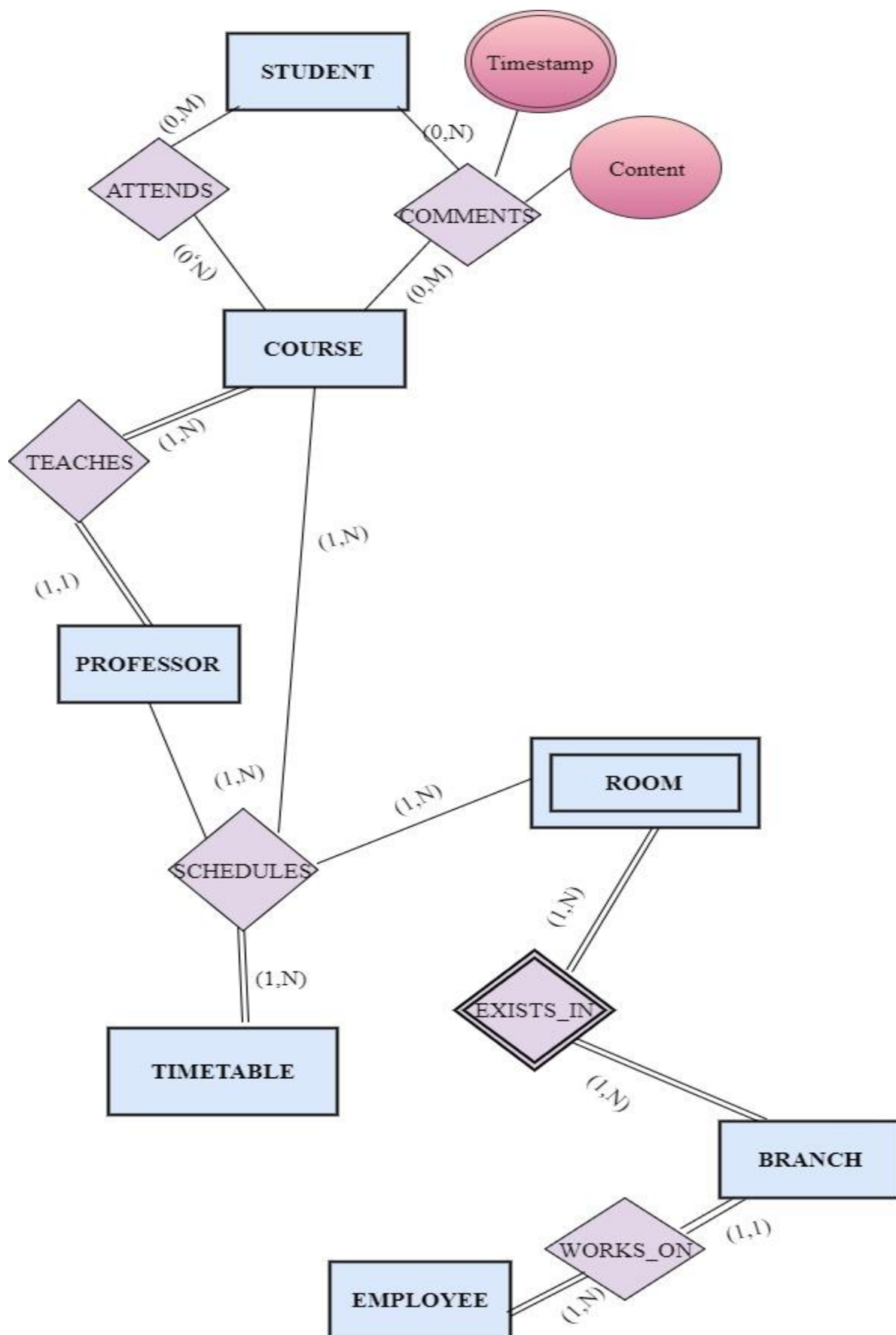
remoash97@gmail.com

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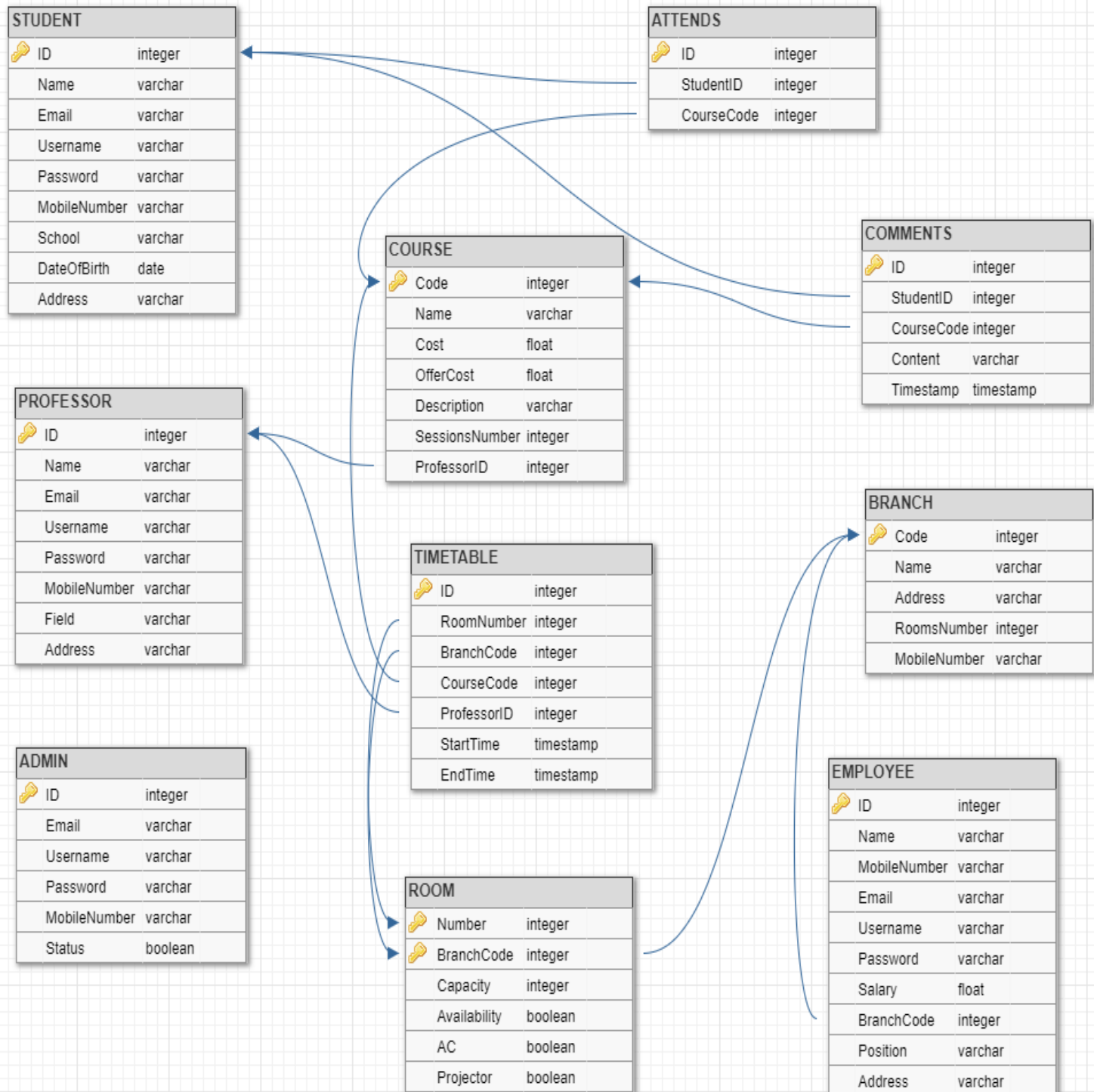
Coursenta Website

ER diagram:





Schema:



Constraints:

	ENTITY INTEGRITY		REFERENTIAL INTEGRITY	DOMAIN INTRGRITY		
	Primary	Unique	Foreign	Not NULL	Default	Check
	STUDENT					
ID	✓					
Name				✓		
MobileNumber						
Password				✓		
Username		✓		✓		
School						
Email		✓		✓		
DateOfBirth						
Address						
	PROFESSOR					
ID	✓					
Name				✓		
MobileNumber						
Password				✓		
Username		✓		✓		
Field				✓		
Email		✓		✓		
Address						
	ADMIN					
ID	✓					
Username		✓		✓		
MobileNumber						
Password				✓		

Status				✓	true	
Email		✓		✓		
	COURSE					
Code	✓					
Name		✓		✓		
Cost				✓		
OfferCost						<= Cost
Description				✓		
SessionsNumber				✓		
ProfessorID			✓			
	EMPLOYEE					
ID	✓					
Name				✓		
MobileNumber						
Address						
Salary				✓		
Username		✓				
Position				✓		
Password				✓		
Email		✓				
BranchCode			✓			
	TIMETABLE					
ID	✓			✓		
StartTime		✓				
EndTime		✓				> StartTime
RoomNumber			✓			
BranchCode			✓			
CourseName			✓			
CourseCode			✓			
ProfessorId			✓			

	ROOM					
Number	✓					
BranchCode	✓		✓			
Availability					true	
Capacity				✓		
AC					true	
Projector					true	
	BRANCH					
BranchCode	✓					
Name				✓		
Address				✓		
RoomsNum				✓		
MobileNum				✓		
	COMMENTS					
ID	✓					
Timestamp				✓		
Content				✓		
StudentID			✓			
CourseName			✓			
CourseCode			✓			
	ATTENDS					
ID	✓					
StudentID			✓			
CourseName			✓			
CourseCode			✓			