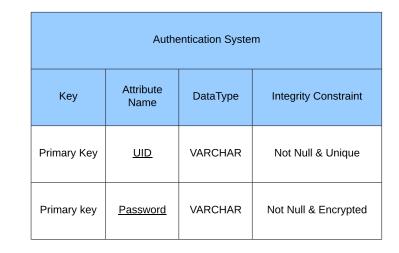
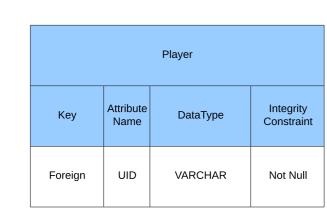
Database Schema (T68)





	Sports /	Admin	
Key	Attribute Name	DataType	Integrity Constraint
Foreign/Primary	UID	VarChar	Not Null

	Academ	ic Admin	
Key	Attribute Name	DataType	Integrity Constraint
Foreign	UID	VARCHAR	Not Null

Professor				
Key	Attribute Name	DataType	Integrity Constraint	
Foreign	UID	VARCHAR	Not Null	

	Coach				
Key	Attribute Name	DataType	Integrity Constraint		
Foreign	UID	VARCHAR	Not Null		

Guard					
Key Attribute Name		DataType	Integrity Constraint		
Foreign	UID	VARCHAR	NOT NULL		
Primary	Guard_ID	VARCHAR	Not Null & Unique		
	Shift	String	нн:мм-нн:мм		

	S	portsCoordinate	or
Key	Attribute Name	DataType	Integrity Constraint
Foreign	UID	VARCHAR	references from AutheticationSystem(UID)

credit TinyInt

	;	Student	
Key	Attribute Name	DataType	Integrity Constraint
Foreign Key	UID	VarChar	Not Null
Primary	RollNumber	MIDIUMINT	6 digit integer, Not Null, Unique
	IsSportsAdmin	BOOLEAN	Not Null
	Program	TINYTEXT	BTECH,MTECH,PHI OR OTHERS
	Year	YEAR	
	AmountDue	INT	>=0

Comment					
Key	Attribute Name	DataType	Integrity Constraint		
Foreign	UID	VarChar	Not Null		
	DateTime	datetime	Not Null		
	Content	String	Not Null		

Sport					
Key	Attribute Name	DataType	Integrity Constraint		
Primary	SportId	VARCHAR	Not Null & Unique		
	Name	VARCHAR	Not Null		

Handbook						
Key	Attribute Name	DataType	Integrity Constraint			
Foriegn	SportID	VARCHAR	Not Null			
	Rules	TEXT				

	F	Request		
Key	Attribute Name	DataType	Integrity Constraint	
Foreign	EquipmentID	VARCHAR	Not Null	F

	Request Player				Equip	ment	
Key	Attribute Name	DataType	Integrity Constraint	Key	Attribute Name	DataType	Integrity Constraint
Foreign	UID	VARCHAR	Not Null,Referenced from User table	Primary	EquipmentID	VarChar	Not Null & Unique
	DateTime	DATETIME	Not Null	Foreign	SportsID	Integer	Not Null & Referenced from Sports Table
Primary	RequestID	Integer	Not Null & Unique		Equipment	String	NOT Null
	SportsID	Integer	Not Null		Availability	boolean	Not Null

Course				
Attribute Name	DataType	Integrity Constraint		
courseID	String	Not Null & Unique		
Startdate	DATE	Not Null		
Enddate	DATE	Not Null		
Credits	TINYINT	Not Null & >=0 & <=4		
	Attribute Name courseID Startdate	Attribute Name DataType courseID String Startdate DATE Enddate DATE		

		User	
Key	Attribute Name	DataType	Integrity Constraint
Foreign Key	UID	VARCHAR	Not Null, Referenced from Authentication System
	Туре	TINYTEXT	Not Null (Professor,Student,Sports Admin,Academic Admin,Guard)
	Email	VARCHAR	'Email@IIITD.AC.IN'
	FirstName	TINYTEXT	Not Null
	LastName	TINYTEXT	Not Null

Accident				
Key	Attribute Name	DataType	Integrity Constraint	
Foreign	Guard_ID	VarChar	Can be Null	
Primary	accident_ID	VarChar	Not Null & Unique	
	Status	Boolean	Can be Null	
	Fine Amount	INT	>=0	
	Extras	TEXT	Can be Null	
	DateTime	DATETIME	NOT Null	

Complaint/Feedback				
Key	Attribute Name	DataType	Integrity Constraint	
Primary Key	complaintID	VarChar	Not Null & Unique	
	Status	String	Not Null	
	Date_Time	datetime	Not Null	
	Extras	VarChar		

Event				
Key	Attribute Name	DataType	Integrity Constraint	
Primary	EventID	Integer	Not Null & Unique	
	Timings	TIMESTAMP	Not Null	
	Description	TEXT		

Facility			
Key	Attribute Name	DataType	Integrity Constraint
Foreign	SportsID	Integer	Can be Null ,refrenced from sports
Primary	facility_ID	Integer	Not Null & Unique
	Name	VarChar	Not Null
	Occupency	VarChar	Not Null

Announcement			
Key	Attribute Name	DataType	Integrity Constraint
Primary	AnnouncementID	Integer	Not Null & Unique
Foreign	SportID	Integer	Not Null ,refrenced from sports
	comments	TEXT	
Foreign	SportName	VarChar	not null ,refrenced from sports
	DateTime	DATETIME	Not null
	FormLink	TEXT	Not null,URL

Proposal			
Key	Attribute Name	DataType	Integrity Constraint
	UID	VARCHAR	Not Null & Unique
	receiving date	DATE	Not Null
	Acceptance date	DATE	Not Null
	status	BOOLEAN	Not Null
	Comments	TEXT	

Attendance Data				
Key	Attribute Name	DataType	Integrity Constraint	
Primary	UID	VarChar	Not Null & Unique	
	Start_Time	TIME	Not Null	
	End_Time	TIME	Not Null	
	verification	BOOLEAN	Not Null	
	Summary	TEXT	Not Null	