ClassRoom Allocation Tables

E-R Diagram

Relational Schema

Data Dictionary
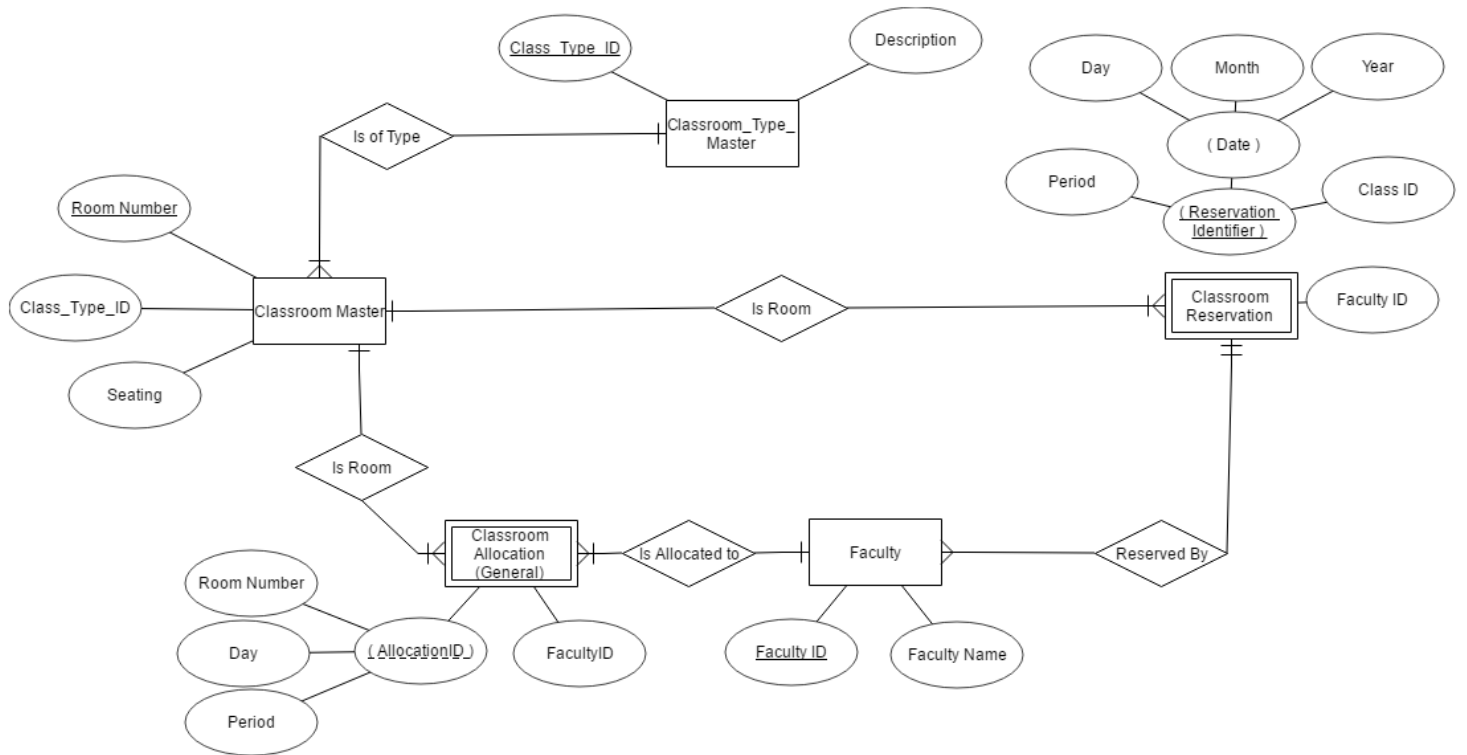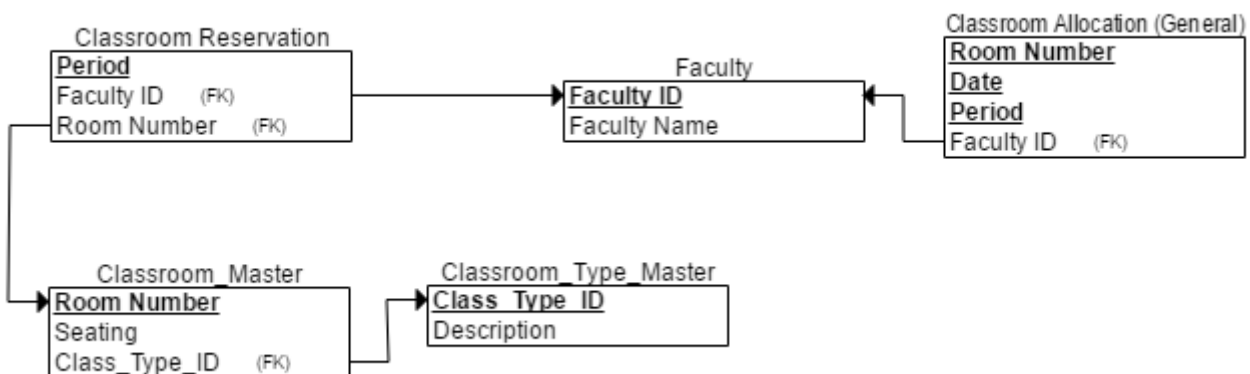
Classroom Type Master

S. No	Variable Name	Variable Description	Values Stored	Variable Type	Example
1	Class_Type_ID	ID of Class Type	String	String	CT001
2	Description	Type of room (hall, projector, etc)	String	String	Conference Hall, Projector

Classroom Master

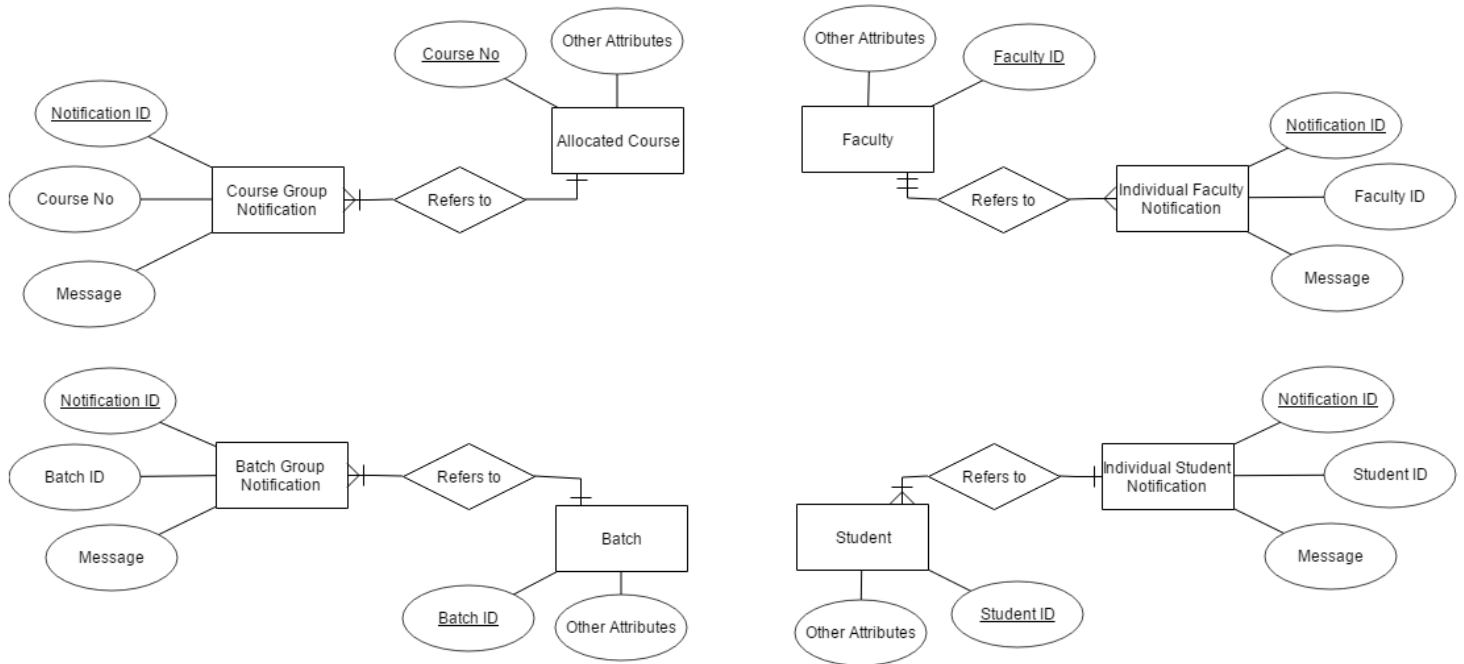| S. No	Variable Name	Variable Description	Values Stored	Variable Type	Example
1	Room_No	Room Number	String	String	S-102
2	Class_Type_ID	refers to Class_Type_ID in Classroom_Type_Master	String	String	CT001
3	Seating	Number of People room can accommodate	Number (Decimal)	Number (Decimal)	25

Classroom Normal Allocation

S. No	Variable Name	Variable Description	Values Stored	Variable Type	Example
1	Room_No	Room Number	String	String	S-102
2	Period	refers to Class_Type_ID in Classroom_Type_Master	String	String	CT001
3	Day	Number of People room can accommodate	Number (Decimal)	Number (Decimal)	25
4	Faculty_ID	ID of faculty assigned room (references faculty tab)	String	String	FAC001

Classroom Reservation

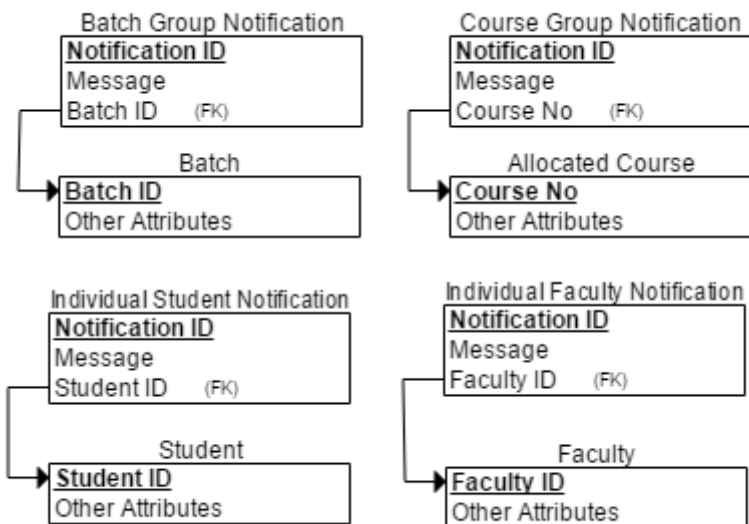| S. No	Variable Name	Variable Description	Values Stored	Variable Type	Example
1	Room_No	Room Number	String	String	S-102
2	Period	refers to Class_Type_ID in Classroom_Type_Master	String	String	CT001
3	Day	Number of People room can accommodate	Number (Decimal)	Number (Decimal)	25
4	Faculty_ID	ID of faculty assigned room (references faculty tab)	String	String	FAC001

Notifications Tables

E-R Diagram

Relational Schema

Data Dictionary

Course Group

S. No	Variable Name	Variable Description	Values Stored	Variable Type	Example
1	NotificationID	Unique Notification identifier	String	String	NO.CG.001
2	Course. No	References primary key of Course_Alloc_table	String	String	CRS001
3	Message	Notification message	String	String	"No class on Monday"

Batch Group

S. No	Variable Name	Variable Description	Values Stored	Variable Type	Example
1	NotificationID	Unique Notification identifier	String	String	NO.BG.001
2	BatchID	Batch of Group	String	String	S6.CSE.A
3	Message	Notification message	String	String	"CIR Mock Interview on Mon"

Individual Student

S. No	Variable Name	Variable Description	Values Stored	Variable Type	Example
1	NotificationID	Unique Notification identifier	String	String	NO.IS.001
2	StudentID	StudentID refers Student_Master_table	String	String	AM.EN.H4CSE14003
3	Message	Notification message	String	String	"Project submission on 2.2.17"

Individual Faculty

S. No	Variable Name	Variable Description	Values Stored	Variable Type	Example
1	NotificationID	Unique Notification identifier	String	String	NO.IF.001
2	FacultyID	FacultyID refers Faculty_Master_table	String	String	AM.EN.H4CSE14003
3	Message	Notification message	String	String	"CSE Faculty meeting on Monday"