Database

**Table Names**:

* Courses :

ugo\_course\_master

ugo\_course\_offering

ugo\_course\_plan

ugo\_course\_faculty\_allocation

ugo\_course\_student\_enrollment

* Notifications :

ugo\_notifications\_master

ugo\_notification\_faculty

ugo\_notification\_student

* Grading :

ugo\_student\_mark

ugo\_student\_continuous\_eval

ugo\_activity\_type

ugo\_continuous\_eval

* Attendance and Leave :

ugo\_attendance

ugo\_absentees

ugo\_student\_leave

ugo\_leave\_type

* Faculty :

ugo\_faculty

ugo\_role\_type

ugo\_faculty\_role\_mapping

* Student :

ugo\_student

ugo\_student\_achievement

ugo\_student\_disciplinary

* Chat :

ugo\_chat\_faculty\_faculty

ugo\_chat\_faculty\_student

* Time Table :

ugo\_time\_table

**Attributes in each table:**

ugo\_course\_master:

course\_name

cid (PK)

cid – ID of a particular course – Varchar

course\_name – Name of a particular course - Varchar

ugo\_course\_offering:

batch

sem\_type

sem\_end

sem\_start

semster

ugo\_course\_cid (FK)

coid (PK)

coid – ID of a particular course offered in a semester – Varchar

ugo\_course\_cid – ID of a particular course – Varchar

semester – A particular semester number – Integer

sem\_start – Date when the semester starts

sem\_end – Date when the semester ends

sem\_type – Whether Runtime Redo/Vacation Redo/ Normal/etc

batch – Section of a class like A or B - Char

ugo\_course\_plan:

End\_sem\_weightage

Continuous\_weightage

Sp\_weightage

Fp\_weightage

course\_offering\_coid (FK)

cpid (PK)

cpid – ID of course plan of a course – Integer

course\_offering\_coid – ID of a particular course offered in a semester – Varchar

fp\_weightage – First periodical weightage – Integer

sp\_weightage – Second periodical weightage – Integer

continuous\_weightage – Weightage for continuous evaluation – Integer

end\_sem\_weightage – Weightage for end semester examination - Integer

ugo\_course\_faculty\_allocation :

Faculty\_fid (FK)

Course\_offering\_coid (FK)

Cfaid (PK)

Cfaid – ID of course faculty allocation – Integer

Course\_offering\_coid - ID of a particular course offered in a semester – Varchar

Faculty\_fid – ID of a particular faculty - Varchar

Ugo\_course\_student\_enrollment :

Cseid (PK)

Student\_sid (FK)

Course\_offering\_coid (FK)

Cseid – ID of course student enrolment - Integer

Course\_offering\_coid - ID of a particular course offered in a semester – Varchar

Student\_sid – ID of a particular student - Varchar

Ugo\_notifications\_master :

Message

Notification\_id (PK)

Notification\_id – ID of a particular notification – Integer

Message – message in the notification - Varchar

Ugo\_notification\_faculty :

NID (FK)

FID (FK)

FID - ID of a particular faculty – Varchar

NID – ID of a particular notification – Integer

Ugo\_notification\_student :

NID (FK)

SID (FK)

FID - ID of a particular student – Varchar

NID – ID of a particular notification – Integer

Ugo\_student\_mark :

grade

End\_sem\_mark

Continuous\_mark

Sp\_mark

Fp\_mark

Course\_offering\_coid (FK)

Student\_sid (FK)

smid (PK)

Smid – ID of student mark of a particular student and course –Integer

Student\_sid - ID of a particular student – Varchar

Course\_offering\_coid - ID of a particular course offered in a semester – Varchar

Fp\_mark – First periodical marks – Float

Sp\_mark – Second periodical marks – Float

Continuous\_mark – Continuous evaluation marks – Float

End\_sem\_mark – End semester examination marks – Float

Grade – Grade of a particular student for a particular course - Char

Ugo\_student\_continuous\_eval :

mark

Continuous\_eval\_ceid (FK)

Student\_sid (FK)

Sceid (PK)

Sceid – ID of continuous evaluation of a particular student in a particular course – Integer

Student\_sid – ID of a particular student - Varchar

Continuous\_eval\_ceid – ID of continuous evaluation - Integer

Mark – Marks of continuous evaluation - Float

Ugo\_activity\_type :

Activity\_name

Actid (PK)

Actid – ID of activity

Activity\_name – Name of activity for internals (eg class test, online exam, quiz, etc.)

Ugo\_continuous\_eval :

Max\_mark

Activity\_desc

Activity\_type\_actid (FK)

Course\_offering\_coid (FK)

ceid (PK)

Ceid – ID of continuous evaluation pattern of a particular course – Integer

Course\_offering\_coid - ID of a particular course offered in a semester – Varchar

Activity\_type\_acid – Foreign Key, refers to ugo\_activity\_type

Activity\_desc – Short description for activity

Max\_marks – Maximum marks allotted to it - Float

Ugo\_attendance :

Course\_offering\_coid (FK)

period

date

aid (PK)

Aid – ID of attendance for a particular course – Integer

Course\_offering\_coid - ID of a particular course offered in a semester – Varchar

Date – Date of the day when we have the period – Date

Period – Period number from time table - Integer

Ugo\_absentees :

Attendance\_aid (FK)

Student\_sid (FK)

abid (PK)

Abid – ID of absentees record – Integer

Attendance\_aid - ID of attendance for a particular course – Integer

Student\_sid – ID of a particular student - Varchar

Ugo\_leave\_type :

Leave\_description

ltd (PK)

Ltd – ID of a particular leave type – Integer

Leave\_description – Description of the type of leave like medical or duty - Varchar

Ugo\_student\_leave :

Student\_sid (FK)

Leave\_type\_ltd (FK)

from

to

lid (PK)

Lid – ID of a particular student taking a particular leave – Integer

Student\_sid – ID of a particular student - Varchar

Leave\_type\_ltd - ID of a particular leave type – Integer

From – From when the leave starts – Date

To – Upto which date is our leave - Date

Ugo\_faculty :

Role\_id (FK)

Faculty\_name

Faculty\_contact\_no

Faculty\_email

Faculty\_device\_id

fid (PK)

Fid – ID of a particular faculty – Varchar

Role\_id – Foreign Key, refers to role type

Faculty\_name – Name of the faculty - Varchar

Faculty\_contact\_no – Contact number of the faculty – Varchar

Faculty\_email – Email Id of the faculty – Varchar

Faculty\_device\_id – Device\_id, used for authentication and messaging

Role\_id – ID of the role of the faculty - Integer

Ugo\_role\_type :

Role\_desc

Role\_type

Roleid (PK)

Roleid – ID of a role of a faculty – Integer

Role\_type – Type of the role of the faculty – Integer

Role\_desc – Description of the role of the faculty - Varchar

Ugo\_faculty\_role\_mapping :

Role\_type\_roleid (FK)

Faculty\_fid (FK)

ufrid (PK)

Ufrid – ID of a particular mapping of a faculty to his role – Integer

Faculty\_fid - ID of a particular faculty – Varchar

Role\_type\_roleid - ID of a role of a faculty – Integer

Ugo\_student :

section

Student\_device\_id

batch

Student\_email

Student\_contact\_no

Student\_name

Advisor\_id (FK)

Counsellor\_id (FK)

sid (PK)

Sid – ID of a particular student – Varchar

Student\_name – Name of the student – Varchar

Student\_contact\_no – Contact number of the student – Integer

Student\_email – Email Id of the student – Varchar

Student\_device\_id – Device\_id, used for authentication and messaging

CounselorId – ID of the counsellor assigned to the student – Varchar

AdvisorId - ID of the advisor assigned to the student – Varchar

Batch – Batch of the student –Integer

Section – Section of the student - Char

Ugo\_student\_achievement :

duration

event

Student\_sid (FK)

said (PK)

remarks

date

Said – ID of a student’s achievement – Integer

Student\_sid – ID of a particular student - Varchar

Event – Event of the achievement – Varchar

Date – Date of the Achievement – Date

Duration – Duration for achieving the achievement

Remarks – Remarks on the achievement - Varchar

Ugo\_student\_disciplinary :

duration

event

Student\_sid (FK)

said (PK)

remarks

date

Said – ID of student’s indiscipline record – Integer

Student\_sid – ID of a particular student - Varchar

Event – Event of the indisciplinary action – Varchar

Date – Date of the day on which the indisciplinary action was done – Date

Duration – Duration for achieving the indisciplinary action –

Remarks – Remarks on the indisciplinary action - Varchar

Ugo\_chat\_faculy\_faculty :

message

Faculty1\_send?

Faculty2\_id (PK, FK)

Faculty1\_id (PK, FK)

Faculty1\_id – Id of the faculty sending the message – Varchar

Faculty2\_id – Id of the faculty to whom the message is being sent – Varchar

Faculty1\_send? – Boolean which records whether the message is sent or not – Boolean

Ugo\_chat\_faculy\_student :

message

Faculty\_send?

student\_id (PK, FK)

Faculty\_id (PK, FK)

Faculty1\_id – Id of the faculty sending the message – Varchar

Student\_id – Id of the student to whom the message is being sent – Varchar

Faculty\_send? – Boolean which records whether the message is sent or not – Boolean

Ugo\_time\_table :

TTid (PK)

coid (FK)

day

period

TTid – ID of a particular time table of a course - Integer

Coid - ID of a particular course offered in a semester – Varchar

Day – Day when the period is present – Varchar

Period – In which period the course is present - Integer