เข้า https://dbdiagram.io/ >> กด **create your diagram** แล้วนำคำสั่งไปวาง จะได้ ER Diagram

#คำสั่ง

Table academic_year {
 ay_id int [pk]
 ay_year int
 delete_flag int
}

Table course {
 course_id int [pk]
 name_full_thai varchar
 name_less_thai varchar
 name_full_english varchar
 name_less_english varchar
 degree_id int
}

Table degree {
 degree_id int [pk]
 name_in_thai varchar
 name_in_english varchar
}

Table faculty {
 faculty_id int [pk]
 code int
 name_in_thai varchar

```
  name_in_english varchar

  delete_flag int

}


Table gender {

  gender_id int [pk]

  gender_name_th varchar

  gender_name_en varchar

  delete_flag int

}


Table major {

  major_id int [pk]

  code int

  name_in_thai varchar

  name_in_english varchar

  faculty_id int

  course_id int

  delete_flag int

}


Table prefix {

  prefix_id int [pk]

  prefix_name_th varchar

  prefix_name_en varchar

  delete_flag int

}


Table student {
```

```
  std_id int [pk]

  gender_id int

  prefix_id int

  std_fname_th varchar

  std_lname_th varchar

  std_fname_en varchar

  std_lname_en varchar

  ay_id int

  faculty_id int

  major_id int

  std_number_id varchar

  std_status int

  delete_flag int

}


Table student_adviser {

  std_avs_id int [pk]

  ay_id int

  tc_id int

}


Table teacher {

  tc_id int [pk]

  gender_id int

  prefix_id int

  tc_fname_th varchar

  tc_lname_th varchar

  tc_fname_en varchar

  tc_lname_en varchar
```

```
  tp_id int

  delete_flag int

}


Table teacher_position {

  tp_id int [pk]

  tp_name_th varchar

  tp_name_en varchar

  delete_flag int

}


Table thesis {

  ts_id int [pk]

  ts_name_th varchar

  ts_name_en varchar

  ay_id int

  ts_gt_id int

  ts_status_1 int

  ts_status_date_1 date

  ts_status_note_1 varchar

  ts_status_2 int

  ts_status_date_2 date

  ts_status_note_2 varchar

  ts_status_3 int

  ts_status_date_3 date

  ts_status_note_3 varchar

  ts_status_4 int

  ts_status_date_4 date

  ts_status_note_4 varchar
```

```
  delete_flag int

}


Table thesis_adviser {

 ts_avs_id int [pk]

 ts_id int

 tc_id int

}


Table thesis_grouptype {

 ts_gt_id int [pk]

 ts_gt_name varchar

 ts_gt_number int

 delete_flag int

}


Table thesis_student {

 ts_std_id int [pk]

 ts_id int

 std_id int

}


Table users {

 user_id int [pk]

 user_username varchar

 user_password varchar

 user_fname varchar

 user_lname varchar

 user_email varchar
```

delete_flag int

}

Ref: academic_year.ay_id > student.ay_id

Ref: academic_year.ay_id > thesis.ay_id

Ref: course.degree_id > degree.degree_id

Ref: faculty.faculty_id > major.faculty_id

Ref: course.course_id > major.course_id

Ref: gender.gender_id > student.gender_id

Ref: prefix.prefix_id > student.prefix_id

Ref: major.major_id > student.major_id

Ref: student.std_id > thesis_student.std_id

Ref: thesis.ts_id > thesis_student.ts_id

Ref: teacher.tc_id > thesis_adviser.tc_id

Ref: thesis.ts_id > thesis_adviser.ts_id

Ref: teacher_position.tp_id > teacher.tp_id

Ref: academic_year.ay_id < student_adviser.ay_id

Ref: teacher.tc_id < student_adviser.tc_id

Ref: thesis_grouptype.ts_gt_id < thesis.ts_gt_id

Ref: faculty.faculty_id < student.faculty_id