

ASSIGNMENT

DBI202 - Student Grading Management

Sub-System

**Student Name: Hoàng Thế Anh**

**Roll Number: HE160176**

**Class: SE1647**

1. **Description of the database**

- The entity Student has StudentID is primary key

- The entity Group has GroupID is primary key

- The entuty Group\_Student has StudentID and GroupID is primary key

- The entity Lecture has LectureID is primary key

- The entity Subject has SubjectID is primary key

- The entity Assessment has AssessmentID is primary key

- The entity Assessment\_Info has CategoryID is primary key

- The entity Subject\_Semester has SubjectSemesterID is primary key

- The entity Result\_Table has ResultTableID is primary key

- Each student can join many group and group has many student. So we have a table Group\_Student

+ The relationship between Lecture and Group is one-to-many

+ The relationship between Subject and Group is one-to-many

+ The relationship between Assessment\_Info and Assessment is one-to-many

+ The relationship between Student and Result\_Table is one-to-many

+ The relationship between Assessment and Result\_Table is one-to-many

1. **An ERD ( Entity Relationship Diagram )**

