

TON DUC THANG UNIVERSITY

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# High school score management software

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Manage information and score of high school's students. The system help school easily in manage score of students. Therefore, parents and students can see score easily.

## 1 Description of problem

To parents can manage their child process through in the study process and students can know his or her learning capacity through study process then the thing which knows though score is really important. And teacher update score of them is quite difficult. To solve the problem , we need a system can resolve the difficult problem

The system have a graphic which is conveniently for user, Each functions can response the reality need, response the need of management score system and support user.

Object includes students, parents, teacher, administrators. System is enough for 1500 students 50 teachers with grades 10 11 12 and 30 classes.

## 2 Functional Requirement of System

### 1. Log In

- (a) Log in by the account which was supplied

### 2. Manage profile

- (a) Manage the number of students(As name, class, ...) and teacher

### 3. Manage score

- (a) View score
- (b) Mark Score
- (c) Input Score
- (d) Calculate
- (e) Conduct
- (f) Feedback

4. Export Score Document
  - (a) Score Document of each subject
  - (b) Score Document of each semester
  - (c) Score Document of year
  - (d) Rank
  - (e) Print Score Document which has signatures
5. Remarking
  - (a) Submit online
  - (b) Review status of submit

### **3 Non-Functional Requirement of System**

- Run good
- Number of data about 1500 students and 50 teachers

### **4 Actor of System**

System include each actor :

1. Teachers
2. Students
3. Parents
4. Principal
5. Administrator

**With Teacher** : Participate in managing profile and score. Teacher have a role which update and remark score of the students if the students want, evaluate conduct, and send the report to Administrator.

**With Students** : Allow each students can view their score and can submit to remark if the score is not fit.

**With Parents** : Find information, conduct of students and feedback to teacher

**With Principal** : Review score which reported and seal.

**With Administrator** : Mange information, score and divide for teacher

## 5 Analysis System

Firstly, students need give all personal information which is required as name ,date of birth, class, age, sex, address, v..v .

Administrator has the mission that update information which provide.

After enter enough this information, system will update the status of .

Each students must attend test to have a score.

When finishing test and having score. The score will be updated in the system. If students realize that it is not right then students can submit to remark again.

Each year have 2 semester Semester 1 and Semester 2. Each semester, students can view score of each semester , beverage score of each semester, Even the score of year.

Some scores which students must have :

- Test by teacher
- 15 minute test
- Midterm test
- Final test

## 6 Analysis System

Process of work in the system : With Teacher :

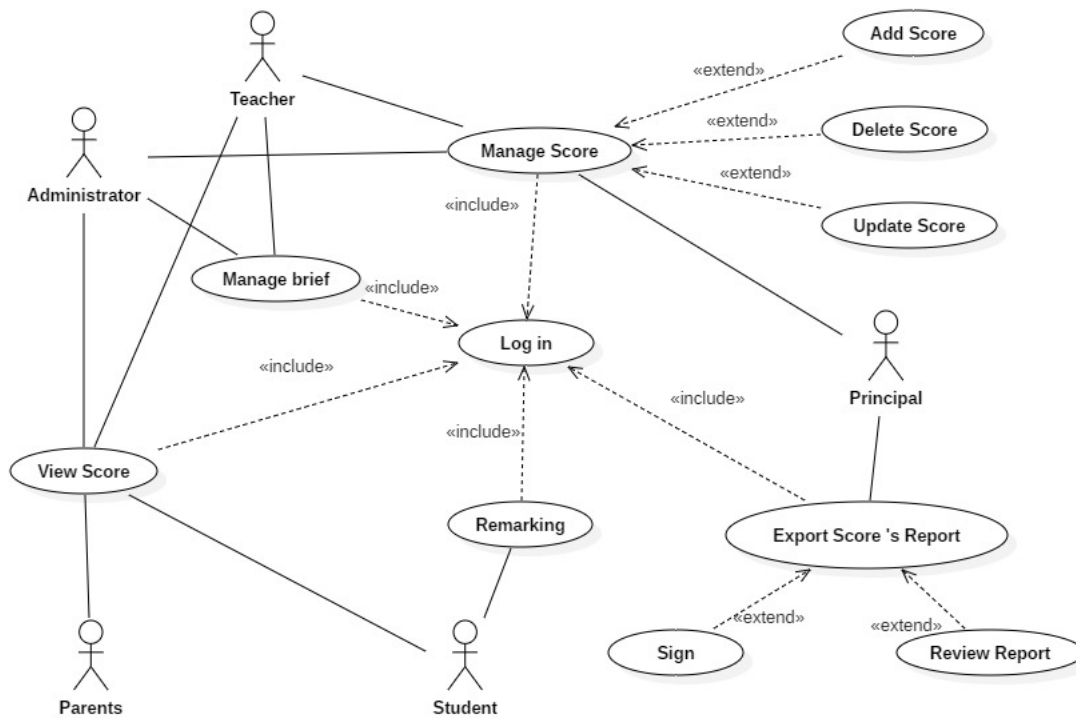
- Log in the system
- Manage information of students
- Manage information class
- Manage score
- Find
- Statistical

With Student :

- Log in the system
- View Score
- View Rank
- Remarking

With Student :

- Log in the system
- View Score
- View Rank
- Remarking



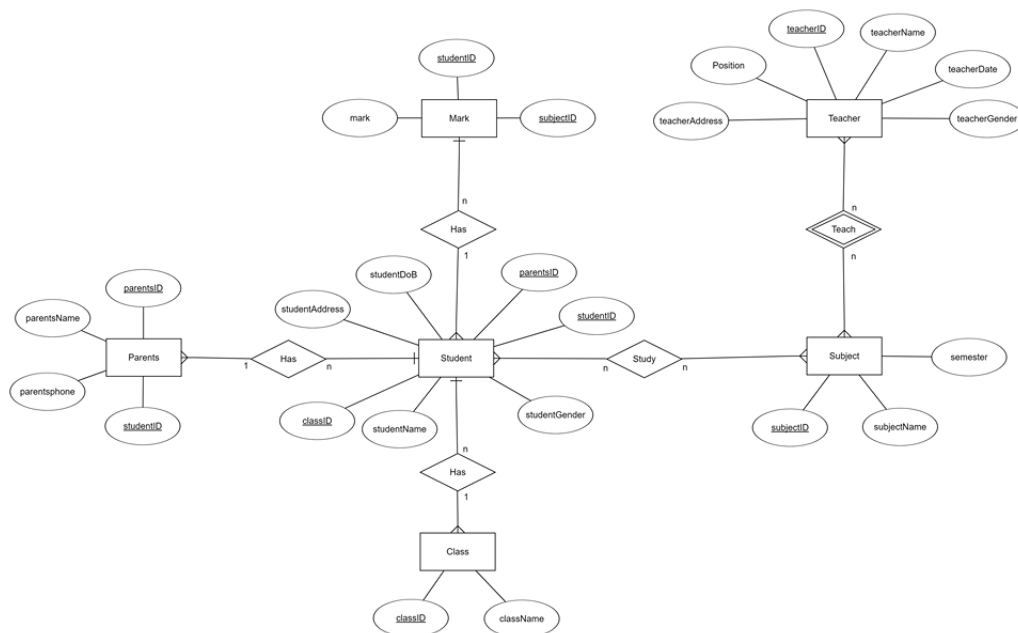
Hình 1: Usecase Diagram

## 7 Class Diagram

Table Student

Attribute name	Description
studentID	Student identification
studentName	Student's name
studentDate	Date of birth of student
studentGender	The sex of the student
studentAddress	Address of student
classID	Class identification

Table Teacher



Hình 2: Class Diagram

Attribute name	Description
teacherID	Teacher identification
teacherName	Teacher's name
teacherDate	Date of birth of teacher
teacherGender	The sex of the teacher
teacherAddress	Address of teacher

Table Class

Attribute name	Description
classID	Class identification
className	Class's name

Table Term

Attribute name	Description
termID	Term identification
termName	Term's class

Table Mark

Attribute name	Description
studentID	Student identification
subjectID	Subject identification
termID	Term identification
academicYearID	Academic Year identification
mark	Mark

Table Subject

Attribute name	Description
subjectID	Subject identification
subjectName	Subject's name

Table Teacher Assignment

Attribute name	Description
teacherID	Teacher identification
subjectID	Subject identification
termID	Term identification
classID	Class identification
academicYearID	Academic Year identification

Table Academic Year

Attribute name	Description
academicYearID	Academic Year identification
academicYearName	Academic Year of name