

BI8 STUDENT MANAGEMENT

Basic Database Dr.Nguyen Hoang Ha

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Problem statement

- Student's information
- Performance on examination

Requirements

- Student attributes
- Classes
- Examination information
- Absences
- Scores

Table: Student

- Student ID
- Student name
- Email address
- Date of birth
- Sex
- •

first_name	last_name	email	street	city	phone	birth_date	sex	date_entered	student_id
Duc Anh	Ta	anhtd.b8009@st.usth.edu.vn	123 Doi Can St		792- 223- 8901	1999-02-22	M	2019-06-08 12:15:00	1



Table: Test

- Date
- Type (midterm, final)
- Test ID
- Class ID

date	type	maxscore	class_id	test_id
2019-06-10	midterm	20	1	1
2019-06-15	final	20	1	2

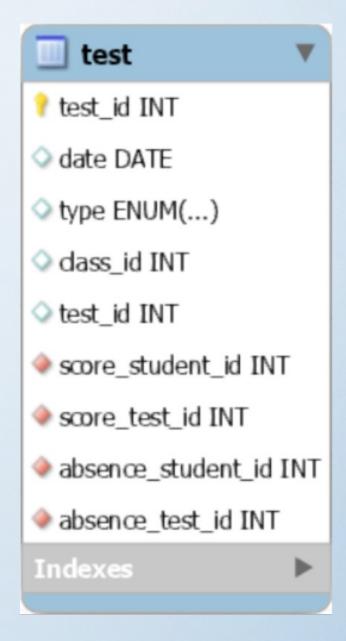
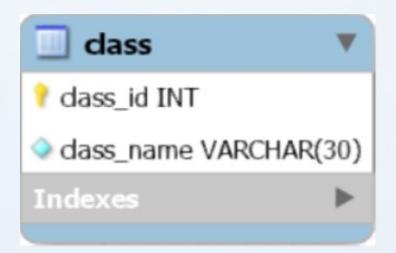
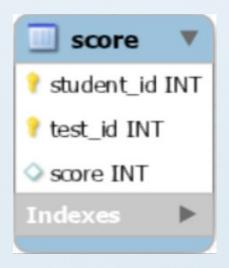


Table: Class & Score



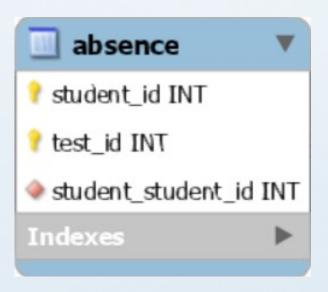
name	class_id
English	1
Basic Database	2
Mobile Wireless	3



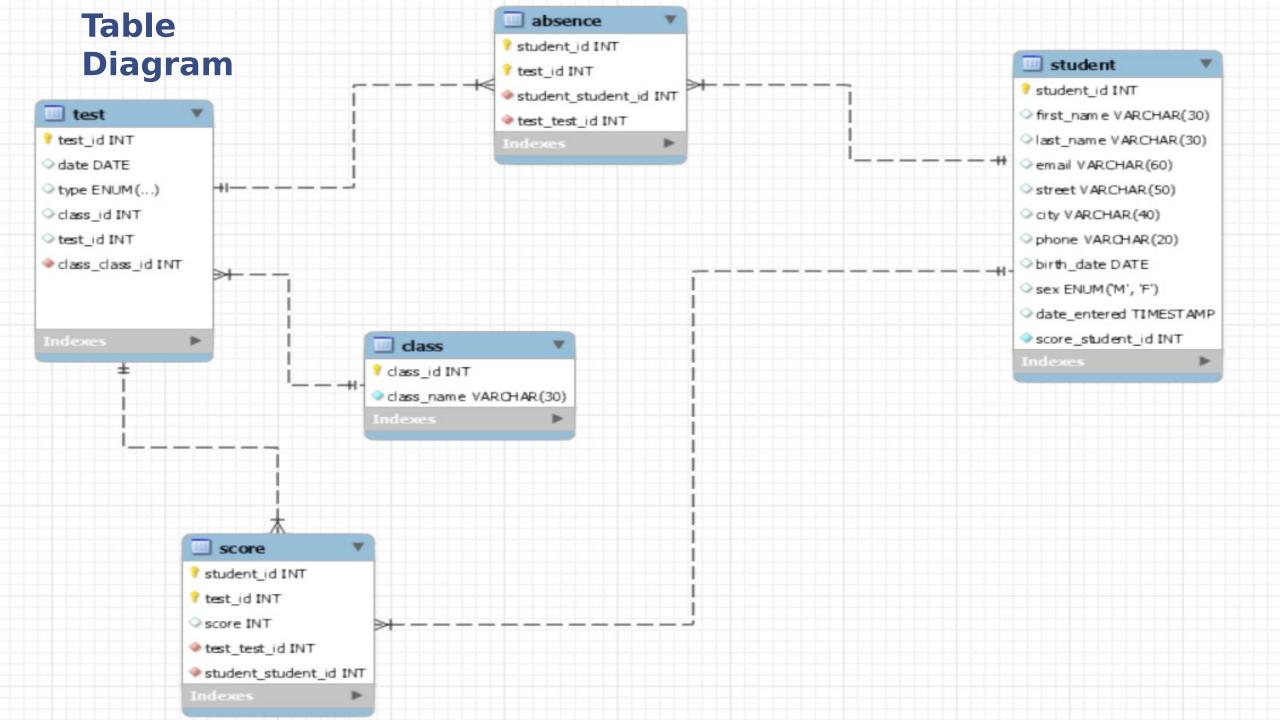
student_id	test_id	score
1	1	15
2	1	5
3	1	14

Table: Absence

Record the absence of students in certain examinations



student_id	test_id
6	2
7	2
8	3



Demo

- List all attributes of students were born in 1999
- List all students come from Hanoi
- List full name and test score of Moblie Wireless Communication examination, order by score descendingly
- List all tests and calculations on scores
- List absent students on certain tests
- Count number of class
- Count number of absences for tests
- Count how many people absent for each individual test
- Count number of tests students have already taken
- Illustrate the performance of Le Nhu Chu Hiep

Thank you for listening!

Any question???

