FCI Learn Web and android application

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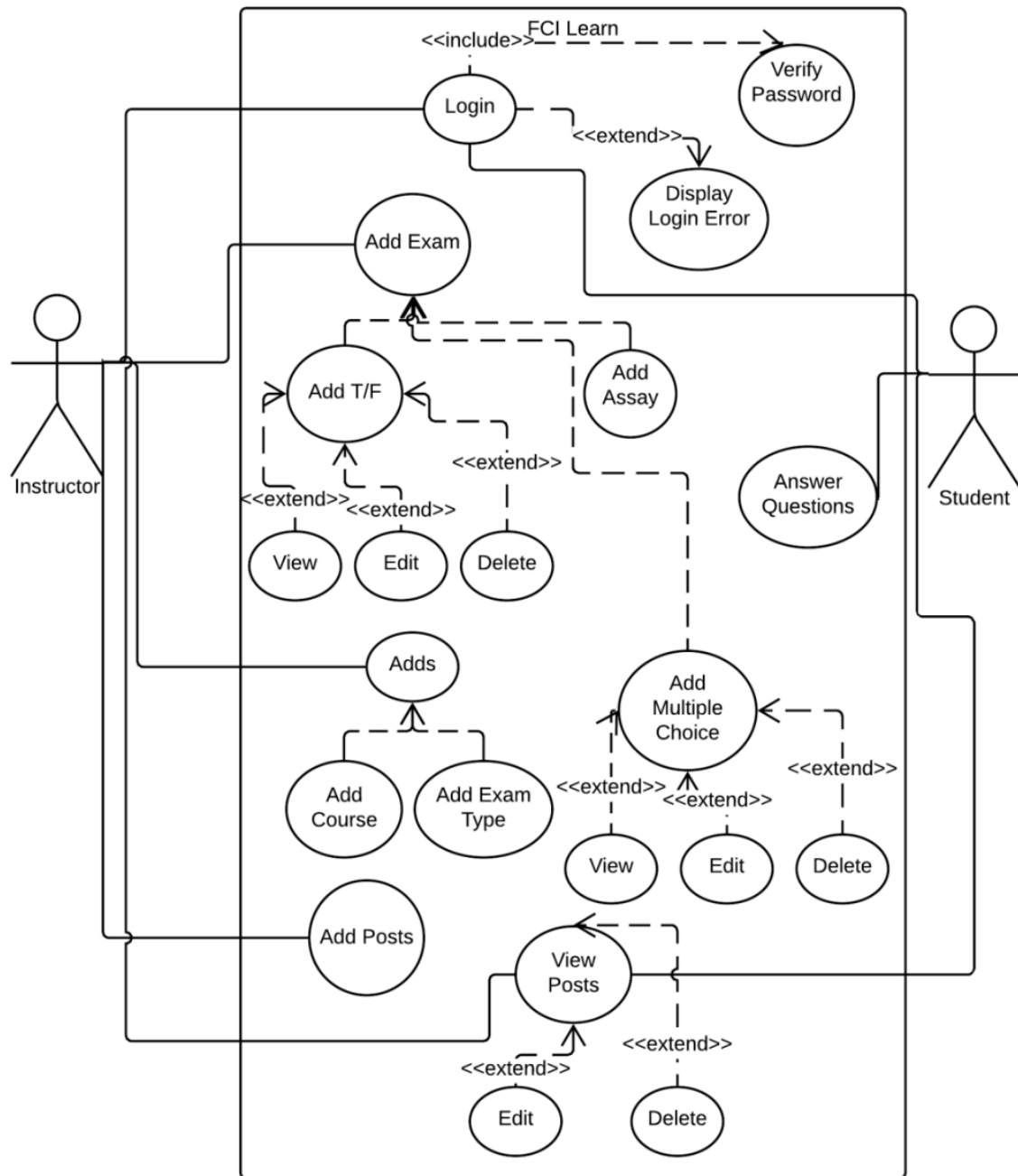**By assistance of:**

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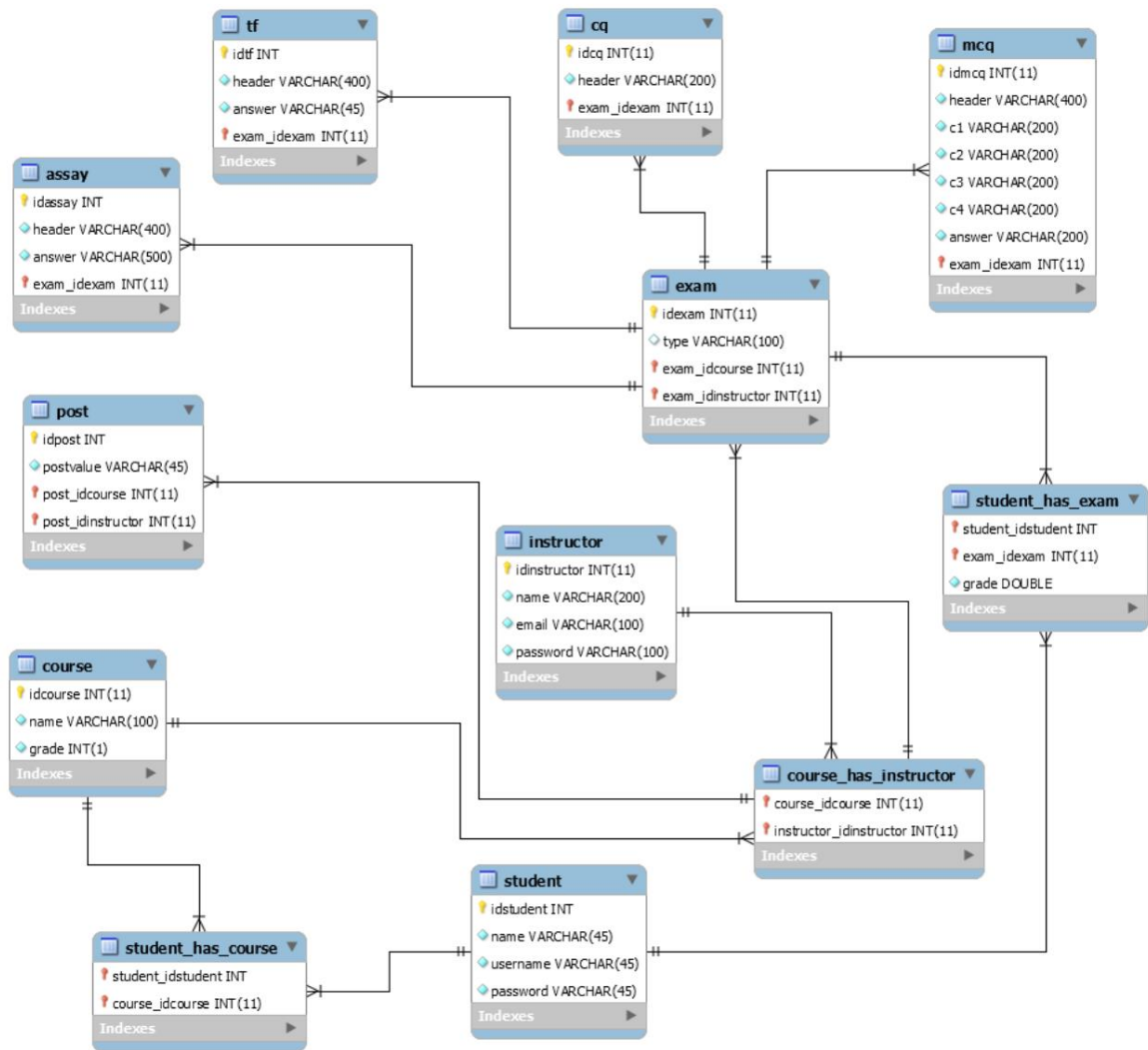8. Aya fady Mohamed Mohamed
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Abstract:

FCI Learn web and mobile application serves faculty of computer and informatics zagazig university to make exam to student and mange student in lecture or outside from enter exam. FCI-learn is an application that helps/aids both professors and instructors to test and evaluate students enlisted in a course. With this app it will be easy to monitor and observe all students educational progress, as it will provide a good interface for instructors to test and assist their students.

Construct use-case model diagram

ER diagram

tf
- idtf INT
- header VARCHAR(400)
- answer VARCHAR(45)
- exam_idexam INT(11)

Indexes

cq
- idcq INT(11)
- header VARCHAR(200)
- exam_idexam INT(11)

Indexes

mcq
- idmcq INT(11)
- header VARCHAR(400)
- c1 VARCHAR(200)
- c2 VARCHAR(200)
- c3 VARCHAR(200)
- c4 VARCHAR(200)
- answer VARCHAR(200)
- exam_idexam INT(11)

Indexes

assay
- idassay INT
- header VARCHAR(400)
- answer VARCHAR(500)
- exam_idexam INT(11)

Indexes

exam
- idexam INT(11)
- type VARCHAR(100)
- exam_idcourse INT(11)
- exam_idinstructor INT(11)

Indexes

post
- idpost INT
- postvalue VARCHAR(45)
- post_idcourse INT(11)
- post_idinstructor INT(11)

Indexes

instructor
- idinstructor INT(11)
- name VARCHAR(200)
- email VARCHAR(100)
- password VARCHAR(100)

Indexes

student_has_exam
- student_idstudent INT
- exam_idexam INT(11)
- grade DOUBLE

Indexes

course
- idcourse INT(11)
- name VARCHAR(100)
- grade INT(1)

Indexes

course_has_instructor
- course_idcourse INT(11)
- instructor_idinstructor INT(11)

Indexes

student_has_course
- student_idstudent INT
- course_idcourse INT(11)

Indexes

student
- idstudent INT
- name VARCHAR(45)
- username VARCHAR(45)
- password VARCHAR(45)

Indexes

System implementation and testing

Exam Type	Course Name	Question	Answer1	Answer2	Answer3	Answer4	Correct Answer	operating
Final	Risk Management	is related to uncertainty of outcome?	obvious negative	risk	loss	danger	risk	Update Delete
Final	Strategy management	There are certain risk events that can only result in negative outcomes ?	hazard	risk	control	opportunity	hazard	Update Delete
Final	Strategy management	There are certain risks that give rise to uncertainty about the outcome of a situation?	hazard	risk	control	opportunity	control	Update Delete
Final	Strategy management	organizations deliberately take risks, in order to achieve a positive return?	hazard	risk	control	opportunity	opportunity	Update Delete
Final	Strategy management	The application of risk management tools and techniques to the management of …risks is the best and longest?	hazard	risk	control	opportunity	hazard	Update Delete

(Figure 13) **View Multiple Choice**