German University in Cairo
Media Engineering and Technology
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Databases I, Winter 2020-2021
User Stories "GUCera"

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1 As an unregistered user I should be able to:

a) Register to the website by using my name (First and last name), password, gender,an email and address.
Signature:
Name: studentRegister
Input: first_name varchar(20), last_name varchar(20), password varchar(20), email varchar(50), gender bit, address varchar(10)
Output: Nothing

Signature:
Name: InstructorRegister
Input: first_name varchar(20), last_name varchar(20), password varchar(20), email varchar(50), gender bit, address varchar(10)
Output: Nothing

2 As any registered User I should be able to:

a) login using my username and password.
Signature:
Name: userLogin
Input: ID int, password varchar(20)
Output: Success bit , Type int

b) add my telephone number(s).
Signature:
Name: addMobile
Input: @ID varchar(20), @mobile_number varchar(20)
Output: Nothing

3 As an admin I should be able to:

a) List all instructors in the system.
Signature:
Name: AdminListInstr
Input: Nothing

Output: table

b) view the profile of any instructor that contains all his/her information.

Signature:
Name: AdminViewInstructorProfile
Input: instrId int
Output: table

c) List all courses in the system.

Signature:
Name: AdminViewAllCourses
Input: Nothing

Output: Table

d) List all the courses added by instructors not yet accepted.

Signature:
Name: AdminViewNonAcceptedCourses
Input: Nothing

Output: Table

e) View any course details such as course description and content.

Signature:
Name: AdminViewCourseDetails
Input: courseId int

Output: table

f) Accept/Reject any of the requested courses that are added by instructors.

Signature:
Name: AdminAcceptRejectCourse
Input: adminId int,courseId int
Output: Nothing

g) Create new Promo codes by inserting all promo code details.

Signature:
Name: AdminCreatePromocode
Input: code varchar(6), isuueDate datetime, expiryDate datetime, discount decimal(4,2), adminId int

Output: Nothing

h) List all students in the system.

Signature:
Name: AdminListAllStudents
Input: Nothing
Output: table

i) view the profile of any student that contains all his/her information.

Signature:
Name: AdminViewStudentProfile
Input: sid int
Output: table

j) Issue the promo code created to any student.

Signature:
Name: AdminIssuePromocodeToStudent
Input: sid int, pid varchar(6)
Output: Nothing

4 As an instructor I am able to :

a) Add new course with its details.

Signature:
Name: InstAddCourse
Input: creditHours int, name varchar(10), price DECIMAL(6,2), instructorId int

Output: Nothing

b) Choose any of my course to edit its description or content.
Signature:
Name:UpdateCourseContent
Input: instrId int, courseId int, content varchar(20)

Output: Nothing

Signature:
Name:UpdateCourseDescription
Input: instrId int, courseId int, courseDescription varchar(200)

Output: Nothing

c) Add another instructors to the course.

Signature:
Name: AddAnotherInstructorToCourse
Input: insid int, cid int, adderIns int
Output: Nothing

d) View my courses that were accepted by the admin.

Signature:
Name: InstructorViewAcceptedCoursesByAdmin
Input: @instrId int
Output: table

e) specify the course pre-requisites.

Signature:
Name: DefineCoursePrerequisites
Input: cid int , prerequsiteId int
Output: Nothing

f) Choose a course to define assignments of different types.

Signature:
Name: DefineAssignmentOfCourseOfCertianType
Input: instId int, cid int , number int, type varchar(10), fullGrade int, weight decimal(4,1), deadline datetime, content varchar(200)

Output: Nothing

g) View my profile which contains my personal information together with my rating. My rating is calculated as average of all the ratings given to me by the students
   Signature:
   Name: updateInstructorRate
   Input: insid int
   Output: Nothing

   Signature:
   Name: ViewInstructorProfile
   Input: instrId int
   Output: table

h) View the assignments/exams/projects submitted by the students.
   Signature:
   Name: InstructorViewAssignmentsStudents
   Input: instrId int, cid int
   Output: table

i) Grade assignments/exams/projects submitted by the students.
   Signature:
   Name: InstructorgradeAssignmentOfAStudent
   Input: instrId int, sid int , cid int, assignmentNumber int, type varchar(10), grade decimal(5,2)
   Output: Nothing

j) View the feedback added by the students on my courses. **Signature:**
   Name: ViewFeedbacksAddedByStudentsOnMyCourse
   Input: instrId int, cid int
   Output: table

k) issue certificate to a student upon course completion.
   Signature:
   Name: calculateFinalGrade
   Input: cid int , sid int , insId int
   Output: Nothing

   Signature:
   Name: InstructorIssueCertificateToStudent
   Input: cid int , sid int , insId int, issueDate datetime
   Output: Nothing

5 As a registered student I should be able to:

a) View my profile that contains all my information. **Signature:**
   Name: viewMyProfile
   Input: id int
   Output: table

b) Edit my profile (change any of my personal information).

Signature:
Name: editMyProfile
Input: id int, firstName varchar(10), lastName varchar(10), password varchar(10), gender binary, email varchar(10), address varchar(10)
Output: Nothing

c) List all courses in the system accepted by the admin so I can choose one to enroll(I can not view the course content (URLs to materials unless I enroll in the course).

Signature:
Name:availableCourses
Input: Nothing

Output: table

d) View detailed information about a course such as course description and instructorsńame.

Signature:
Name: courseInformation
Input: id int
Output: table

e) Enroll in a course which I had viewed its information (the student should choose the instructor as well).

Signature:
Name: enrollInCourse
Input: sid INT, cid INT, instr int

Output: Nothing

f) I can add my credit card details.

Signature:
Name: addCreditCard
Input: sid int, number varchar(15), cardHolderName varchar(16), expiryDate datetime, cvv varchar(3)

Output: Nothing

g) View all the promo codes issued to me by the admin. **Signature:**
Name: viewPromocode
Input: sid int
Output: table

h) Pay for a course using a credit card number and I can choose to use a promo code or not. **Signature:**
Name: payCourse
Input: cid INT, sid INT

Output: Nothing

i) Once I enroll in a course, I can view Course content(URLs to the content). **Signature:**
Name: enrollInCourseViewContent
Input: id int, cid int

Output: table

j) View the assignment's content(URL).

Signature:
Name: viewAssign
Input: courseId int, Sid VARCHAR(10)

Output: table

k) Submit any assignment type.

Signature:
Name: submitAssign
Input: assignType VARCHAR(10), assignnumber int, sid INT, cid INT

Output: Nothing

l) View the grades of each assignment type.

Signature:
Name:viewAssignGrades
Input: assignnumber int, assignType VARCHAR(10), cid INT, sid INT,

Output: assignGrade INT

m) View my final grade in the Course.

Signature:
Name: viewFinalGrade
Input: cid INT, sid INT,

Output: finalgrade decimal(10,2)

n) I can add feedback for the course I am enrolled in. **Signature:**
Name: addFeedback
Input: comment VARCHAR(100), cid INT, sid INT
Output: Nothing

o) Rate the instructors of the course I am enrolled in.

Signature:
Name: rateInstructor
Input: rate DECIMAL (2,1), sid INT, insid INT
Output: Nothing

p) List certificates (with all its information)issued to me for a course I had finished.

Signature:
Name: viewCertificate
Input: cid INT, sid INT

Output: Nothing