
The functional requirements

- 1- The user shall be able to register in the system by entering unique username and strong password.*
- 2- The user shall be able to log in the system by entering his username and password.*
- 3- The user shall be able to logout from the system.*
- 4- The user should be able to update his profile under some constraints like: he can't change his username or the account type, by selecting the date field he wants to change it and replace it with the new data.*

- 5- The teacher should be able to create a new course by naming, pricing, adding details and adding content to this course.*
- 6- The teacher should be able to update the course details by choosing the course and the data field that he wants to update and replace it with the new data.*
- 7- The teacher should be able to add new lessons to an existing course by selecting the course he wants to add lessons to and add the new lessons.*
- 8- The teacher should be able to see his courses by open his courses list.*
- 9- The teacher should be able to see the profit from each course he selects.*
- 10- The teacher shall be able to do anything that the user can do.*

- 11- The organization shall be able to add new student by receiving requisite from him and accept the request.*
- 12- The organization shall be able to remove students from it by selecting the students and confirm deleting message.*
- 13- The organization shall be able to do anything that the user can do.*

- 14- The student shall be able to enroll in courses by searching for a course, choosing the course he wants to enroll in and pay for it.*
- 15- The student should be able to see information about any course he wants by searching for a course, select this course and see its information.*
- 16- The student can rate the course by opening the courses list, selecting the course he wants to rate and rating it, provided that the student should be enrolled in this course.*

- 17- The student should be able to add balance to the system to be able to pay for the courses by choosing add balance, choosing the balance he wants to add and confirming message.*
- 18- The student should be able to drop any course that he enrolled in by selecting this course from the courses list, confirm deleting message, and delete it. If any of the courses is deleted, the student will not be able to retrieve the course and will have to buy it again.*
- 19- The student can see all courses he enrolled in by opening the courses list.*
- 20- The student should be able to mark any course he wants as favorite then the course will be added to the favorite list and the student can see this list in any time that he wants.*
- 21- The student shall be able to do anything that the user can do.*
- 22- The admin shall be able to add new student, teacher, and organization to the system whenever he wants by choosing username, password, and date of birth in case he wants to add a student or teacher then he should agree to confirmation message.*
- 23- The admin should be able to update the data of any student, teacher, and organization that he wants by selecting this student, teacher, or this organization that he wants to update his or its data, choosing the data field to be updates, inserting new value to this field, and agreeing to confirmation message.*
- 24- The admin should be able to delete any student, teacher, and organization that he wants by selecting this student, teacher, or organization and agreeing to confirmation message then the student, teacher, or organization will be deleted.*
- 25- The admin shall be able to do anything that the user can do.*
- 26- The system admin shall be able to create new admin whenever he wants by choosing username and password and agreeing to a confirmation message then the new admin will be created.*
- 27- The system admin should be able to update the data of any admin that he wants by selecting this admin that he wants to update his data, choosing the data field to be updates, inserting new value to this field, and agreeing to confirmation message.*
- 28- The admin should be able to delete any admin that he wants by selecting admin and agreeing to confirmation message then the admin will be deleted.*
- 29- The system admin should be able to generate reports about students, teachers, organizations, courses, or admins.*
- 30- The system admin shall be able to do anything that the user and the admin can do.*

31- The system shall display a confirmation message in these cases:

- a- A student wants to drop a course.**
- b- The admin wants to add new student, teacher, or organization to the system.**
- c- The admin wants to update data about student, teacher, or organization in the system.**
- d- The admin wants to delete a student, teacher, or an organization from the system.**
- e- The system admin wants to add new student, teacher, organization, or admin to the system.**
- f- The system admin wants to update data about student, teacher, organization, or admin in the system.**
- g- The system admin wants to delete a student, teacher, organization, or admin from the system.**
- h- The system admin wants to generate reports about students, teachers, organizations, courses, or admins.**