Software Engineering-1

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Learning Management System

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SRS for Learning management system

Contents

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Document Purpose and Audience

This document illustrate the scope of learning management system and some of its functional requirements

It is intended for all TAs specially "Mostafa Saad" and Dr.Mohammed El-Ramly

Introduction

Software Purpose

Its software made to facilitate the educational operation, break time barrier.

It will make the operation of grading more fairly and clearly.

System can handle the submission cases.

Software Scope

This software will be a learning management system for doctors, TAs and students. This system will design to facilitate the communication operation between TAs, doctors and students by providing tools to assist doctors or TAs Communicate with more than one student at a time, doctor can create assignment in two types (textual or programming) assignment, and facilitate to marking it by two ways TAs marking the textual assignment and put grads on system. The system marking the programming assignment by using ONLINE JUDGE.

This system help doctor to upload course materials and reminder the students about the deadline.

Requirements

Functional Requirements

This system should do the following:

1.signup

If this is the first time to visit this site it ask user to enter his name and password to save it in the database of the site.

2.Login

The system allows you to enter user name and password and check
If they are correct or not if not it will ask you to reenter your user name and password again if it correct it will redirect you to your section "Doctor section, TA section , Student section".

3.Interface

The page has interface and contain
- New feeds. that show the new materials , assignment ,Description for students , or any modifying for any information.
- Messages. there will be communications between doctors , TA , and students.

4.website features

If you are a <u>doctor</u> :- You can create a course ,upload an assignment, and upload materials .

If you are a <u>TA</u> :- you can register a course ,upload a materials ,show answered assignment and mark it, and upload the result.

If you are a <u>student</u> :- you can register a course , upload your answers , and download materials .

5.Assignments

When the student come to upload an assignment the website the web site will check for the deadline if the of assignment is finish the site will ignore this submit else it will be accepted .

In case it accepted the site will check if it textual or programming
- Textual

    TAs will download ,marked , and upload the result

- Programming

  There will be some thing like online judgement which will enter some of test cases and will show you that your program is correct or not.