Project overview

In this chapter, we present the context in which our work takes place. Indeed, we describe the general framework of the project and the place of training that proposed it. Then we give a presentation of the project. Then, we focus on the methodology followed and the modeling language used. Finally, we present the organization of our report.

Project Framework

This project is part of the final project of study at the Higher Institute of Arts and Multimedia (ISAMM), in order to obtain the basic license in computer science. It consists of developing a website with a mobile application in order to improve the relationship between students, instructor and administration in the university using technology.

Host Organization

ARZEN Group of Companies established in 2010, providing technology and construction solutions to public sector and private sectors.

Established in 2016, ARZEN Systems is specialized in providing ICT, Software and Hi-Tech technology solutions to public and private sectors.

* Specializations: ICT, INTEGRATION, SOFTWARE
* Website: <http://www.arzensystems.com>
* Sector: Information Technology and Services
* Type: Listed company
* Size of the company:11-50 employees
* Founded in: 2016
* The head office: SÖĞÜTÖZÜ CADDESİ NO: 2 KOÇ KULELER BLOK KAT 7 ÇANKAYA ANKARA, 06450 Turkey
* Logo :



Issues

The evolution in the field of education has become nowadays a challenge through which on measuring the intellectual development of society. In our days, we need to ameliorate the relation between the students, instructor and administration in the university using the technology.

In fact, as students we thought about solving these problems:

* In case the student didn’t attend the lectures, he cannot be informed about the homework, project, number of attendances left to be eliminate from the course and the exam dates.
* The Student receive his midterm grade after passing the final exam after two months of the end of the semester.
* The student finds a difficulty to contact his instructor or send to him files.
* Sometimes the student is informed about the date of the exams before one day.
* When the student needs to request an attendance letter, he needs to go to administration to apply, then he comes back once more to take it.
* In case the instructor is absent, the student cannot be informed earlier.

Also the instructors have problems like:

- Inform student about exam dates, homework, project, lectures notes.

- Contacting students to inform about his attendance, number of attendances left for the student to be eliminate from the course.

* All these problems motivate us to develop website and mobile application to help student to find all what they need easily and the instructor to keep in touch with their students.

Project description

ISAMMDOCs offers rich learning and communication tools to faculty members and students. You can manage several activities such as sharing sources, requesting assignments and Turn it in assignments in which it is possible to check plagiarism, sharing quizzes, sending e-mail and more. Also, you can use gradebook to grade students' academic activities and announce their grades with realizing a website and mobile application.

Develop a website contains all the details written above and a mobile application to inform the students of all the new features of the site through notifications with quick and easy access.

The website and the mobile application are two complementary. In this way, we could ensure the reliability of the interaction between the students and the instructors.