
Software Requirements Specification

For



Version 1.0

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Table of Contents

Table of Contents	2
1. Introduction.....	3
1.1 Purpose.....	3
1.2 Intended Audience and Reading Suggestions	3
1.3 Product Scope	3
2. Overall Description.....	4
2.1 Product Perspective.....	4
2.2 Operating Environment.....	4
2.4 Assumptions and Dependencies	5
3. External Interface Requirements	5
3.1 User Interfaces	5
4. System Features	7
4.1 System Feature 1	Error! Bookmark not defined.
4.2 System Feature 2 (and so on).....	Error! Bookmark not defined.
5. Other Nonfunctional Requirements	11
5.1 Performance Requirements	11
5.2 Safety Requirements	11
5.3 Security Requirements	11
5.4 Software Quality Attributes	11

1. Introduction

1.1 Purpose

The purpose of this document is to present the details of Faculty ,Employee ,Lectures , Subjects . It manages all the information about Faculty, Student, Session, Faculty. The project is totally built at administrative end and thus only the administrator is guaranteed the access.

1.2 Intended Audience and Reading Suggestions

- *Typical Users, such as students who are members of the college and*

benefit from the services provide by the faculty to them, such as

registering for courses or seeing their results.

- Doctors who provided courses in the college so that they can see the courses they teach.*

- Admin who can control the site so that he can add a student or a doctor or change their data.*

1.3 Product Scope

- Our Faculty Management System product usage gets work done in a faster way*

- The college system is a performance so that any member of the college*

can see his private data, especially the students who represent the

main axis in this system

2. Overall Description

2.1 Product Perspective

•Faculty Management System is capable of managing each and every data regarding student etc. Faculty Management System helps us in managing in an extremely efficient way. This Faculty Management System works in an efficient manner.

•The Faculty management system is the link between the college and the students. As every member of the college, whether he is a student, doctor, admin, etc. registers to enter the college website through a user name and password of their own, and they can view their data.

2.2 Operating Environment

•The Faculty website can work on all desktop systems Like Windows, Linux and Mac.

2.3 Design and Implementation Constraints

•The Faculty Management System software is designed in such a way that the user can easily interact with the screen because of GUI. The admin inserts the details of the students. User/ student can view his/her details.

•The Faculty website was developed using markup languages such as html . and php which are among the most popular programming languages that are used to create websites and which are used by the web server.

•A large database has been developed so that it can absorb the data of the members who are in it or for any members in the future.

2.4 User Documentation

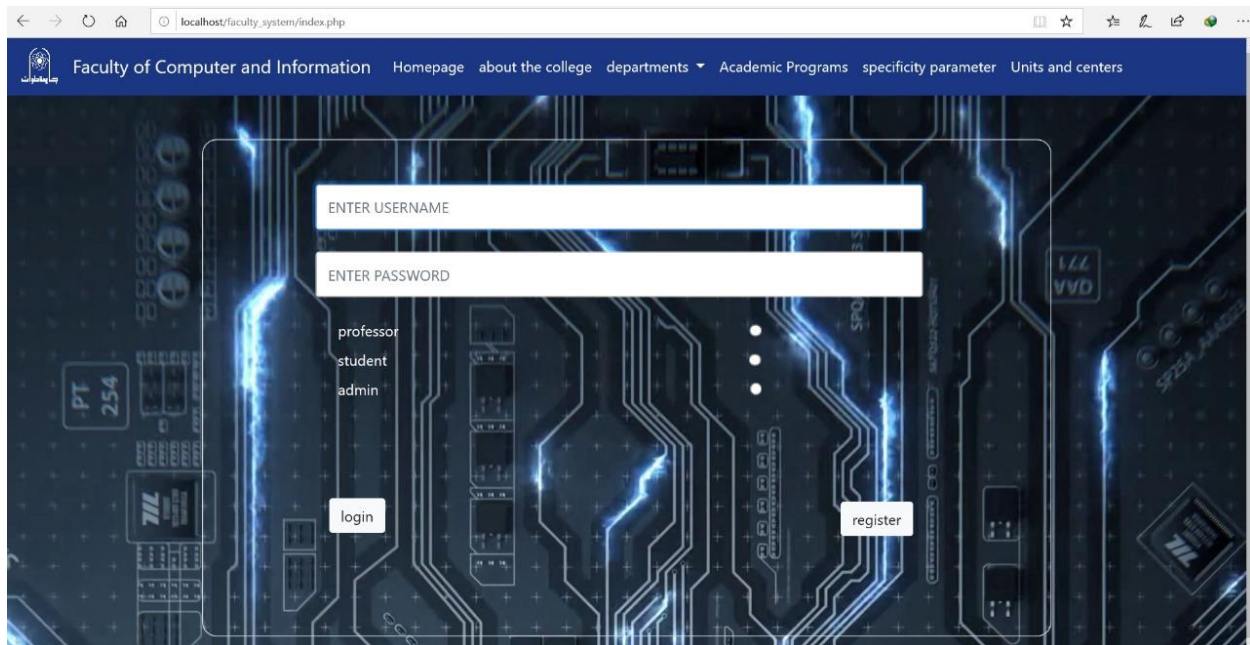
•The user must register on the login page in order to be able to enter the Faculty website: http://localhost/faculty_system/index.php

2.5 Assumptions and Dependencies

- The user must know the English language.
- The user of the site must know how to deal with computers and technology.

3. External Interface Requirements

3.1 User Interfaces:



localhost/faculty_system/view/admin_home.php

Faculty of Computer and Information [Homepage](#) [about the college](#) [departments](#) [Academic Programs](#) [pecificity parameter](#) [Units and centers](#)

the number of professors:10 the number of students:15

insert subject

ENTER NAME	ENTER DESCRIPTION	ENTER SEMESTER	ENTER CODE	SELECT LEVEL	submit
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insert course

SELECT DAY	ENTER SUBJECT CODE	CHOOSE ROOM	submit
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insert professor

ENTER NAME	mm/dd/yyyy	ENTER DEGREE	ENTER USERNAME	ENTER PASSWORD	ENTER NID
CHOOSE DEPARTMENT	CHOOSE GENDER	submit			

display professors

ENTER DEPARTMENT	search
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display students

search

localhost/faculty_system/view/register.php

ENTER YOUR NAME

ENTER YOUR AGE

ENTER YOUR USERNAME

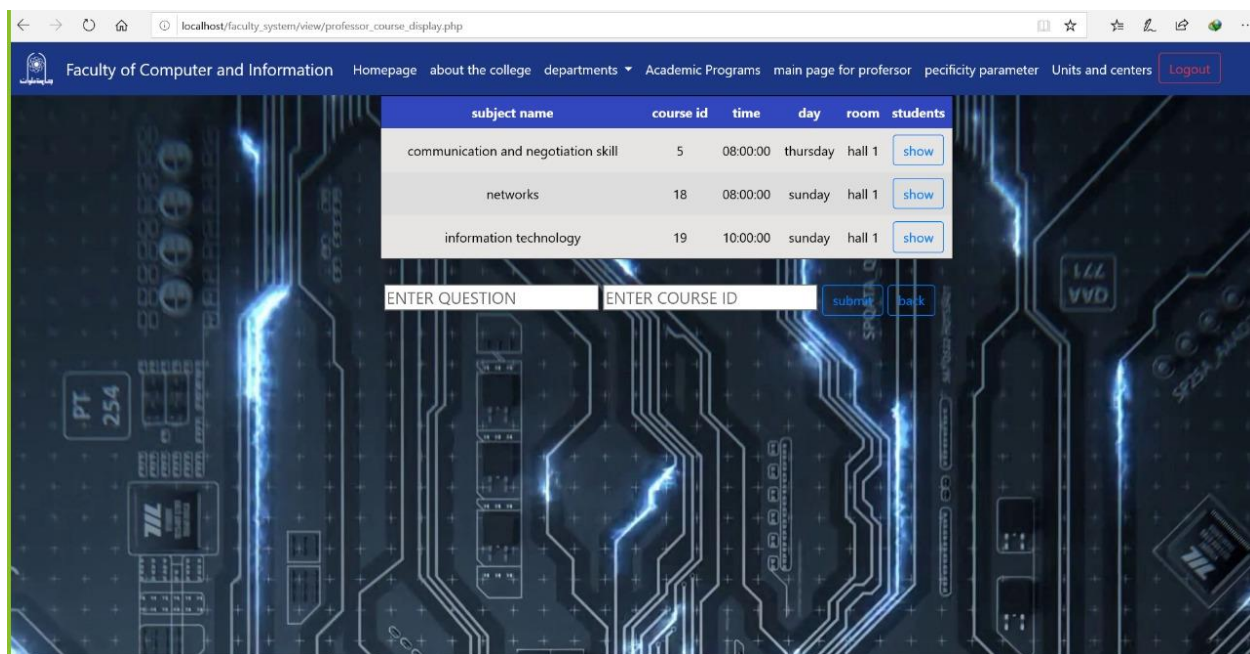
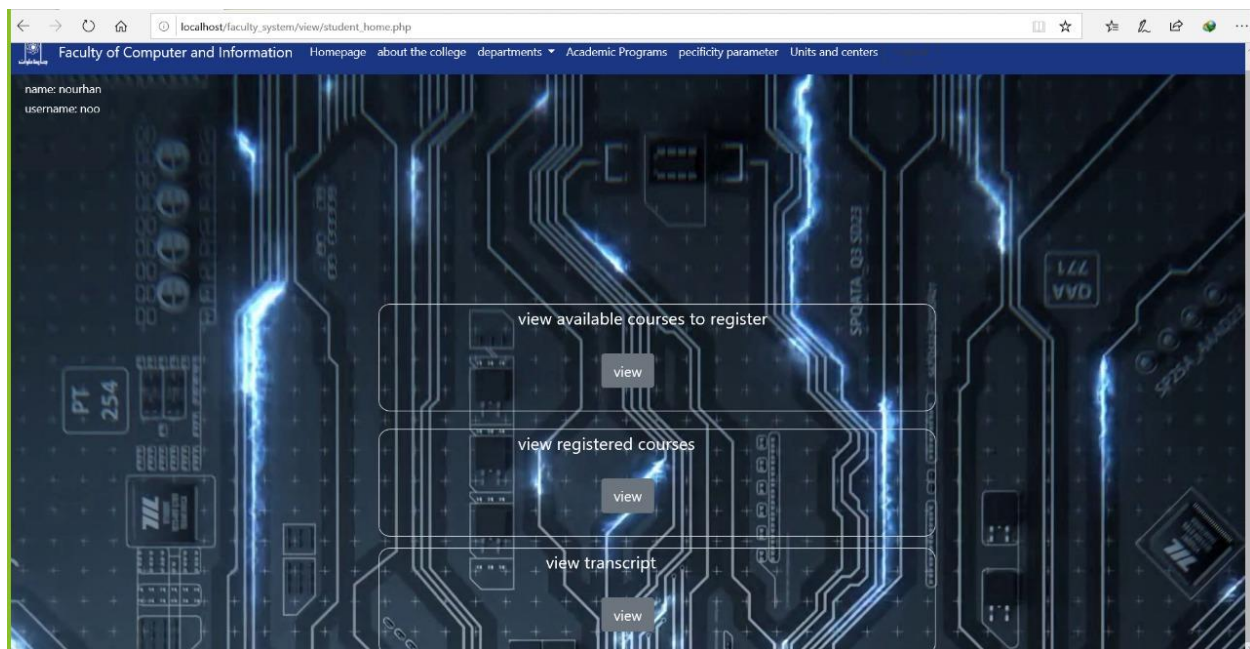
ENTER YOUR EMAIL

ENTER YOUR PASSWORD

ENTER YOUR PHONE NUMBER

Level

submit



4. System Features

Use Case Number	1
Use Case Name	Register Information
Actors	<i>Student, Database</i>
Description	<i>This feature is of great importance so that the student can record all his data in it for the first time, and thus it is recorded in the database, so it is of high capacity.</i>
Pre-Condition	<i>The user has the authority to register his data</i>
Main Success Senario	<i>In the event that the student does not have information stored in the college database, he records his data for the first time so that he enters (name, username, password, phone number, level) and then sends his data and it is saved in the database</i>
Functional Requirements	<ul style="list-style-type: none"> <i>• a user shall be register all of his data correctly.</i> <i>• The admin shall be record all registrations by the user.</i>

Use Case Number	2
Use Case Name	<i>login</i>
Actors	<i>User ,System</i>
Description	<i>This requirement is primarily for the system module. Users will be asked to enter their valid username and password to be authenticated into the dashboard</i>
Pre-Condition	<i>Student data is stored in the database</i>
Functional Requirements	<ul style="list-style-type: none"> • The login page should be the first page that users see in the modified application. • It should provide two text fields - one for entering a login name and one for entering a password. • it should have a command button that initiates the password checkin action.
Main Success Senario:	
User	System
1.The user clicks on the login option.	2.The system displays the login page.
3.The user supplies username and password and clicks on the "login" button.	

	<p>4. The system authenticates the user.</p> <p>5. The system displays the dashboard upon successful authentication</p>
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Use Case Number	3
Use Case Name	Register Course
Actors	Student,Database,Admin
Description	<p><i>Each student registers his study subjects, and this depends on his the level study, It has a great priorty.</i></p>
Pre-Condition	<p><i>Student data is stored in the database and has a username and password</i></p>
Functional Requirements	<ul style="list-style-type: none"> • <i>The student shall not be able to register two subject at the same time.</i> • <i>The student shall be register a maximum of 5 subjects per semester.</i>
Main Success Senario:	<p><i>After each student registers his data on the faculty website and has a username and password, the student registers his study subjects.</i></p>

5. Other Nonfunctional Requirements

5.1 Performance Requirements

- *Response Time: Once the user enters the password and user name, the system responds to the user immediately, So the System responds to user service in a few seconds.*
- *Workload: The system can accommodate more than one service at the same time. An example of this is, when students results are announced. A large number of students use the system and it responds well to them.*

5.2 Safety Requirements

- *The college website has large database systems in which members' data is stored. In the event that the system is damaged, the database system improves backup and recovery services.*

5.3 Security Requirements

- *The college website has great protection against hacking.*
- *Any member of the college has his own data that no one else can see. Therefore, each of them has their own password and username.*

5.4 Software Quality Attributes

- *College management system provides users with simple and advanced features.*

Its interface is designed and easy to use and can be used by both experts and ordinary users.

However, users must already have a simple knowledge of technology and the English language

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