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Submitted To:

Sir Muhammad Zeeshan Siddiqui

SOFTWARE REENGINEERING (BM)

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OLD REQUIREMENTS

There are a number of people in a university having different roles. The old project is based on Desktop Application developed by using .Net Technology and C# language. Admin, teachers, and students are the most important part of the university and it is not easy to manage and maintain all the records accurately. So, the portal is the best way to maintain the record which allows the admin to view, update, add or delete the data and communicate with students and teachers. The portal not only allows to do business easily but also saves time, manual paperwork, and manual workforce which can help to reduce the cost and save the data accurately.

The older requirement of the student module of the project are:

Student can login to system and check their details.

Check any announcement from the teacher or notification from the University.

See their registered course marks and attendance.

NEW REQUIREMENTS

The older project is a Desktop Application that is not accessible at any place So, the requirements get changed to develop the system this is available and accessible at any place. The old Project is completely transformed to web base solution inducing all the features and functionalities. Additionally, our new Project Web Application also expend with some new features, like enhancements, generating a transcript, fee vouchers and fee details in student module.

Need to made a solution that is accessible from any place or gadget.

Enhance the performance of the existing system.

Add the student transcript details.

Fee voucher and details of fee features are also required.

The purpose of using reverse engineering in our project is to facilitate the maintenance work by improving the understandability of a system and producing the necessary documents for a legacy system.

OLD DESIGN AND ARCHITECTURE

Application is consisting of 3 main modules one for the admin, second one for the teachers and last one for the students. The student module needs to migrated from desktop application to web application.

Following are the requirements that are drive by using the old system.

Student can login to system by using their registration number provided by the university.

After successfully login student is navigated to dashboard panel where multiple options are visible.

The student can check their details.

They can view the list of courses in which they are registered in the current semester.

Courses contain information like course code, name of the course, teacher name, attendance and grade for the courses.

The student can also check announcement from the teacher.

Only registered course announcements are visible to the student's student from their teachers.

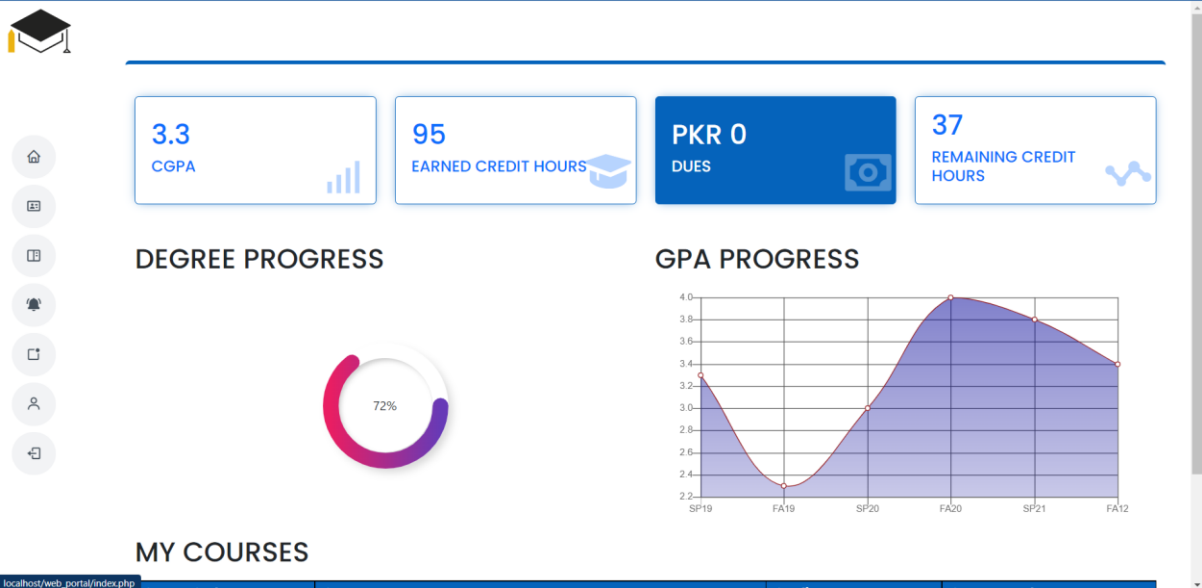The student can check notification from the University.
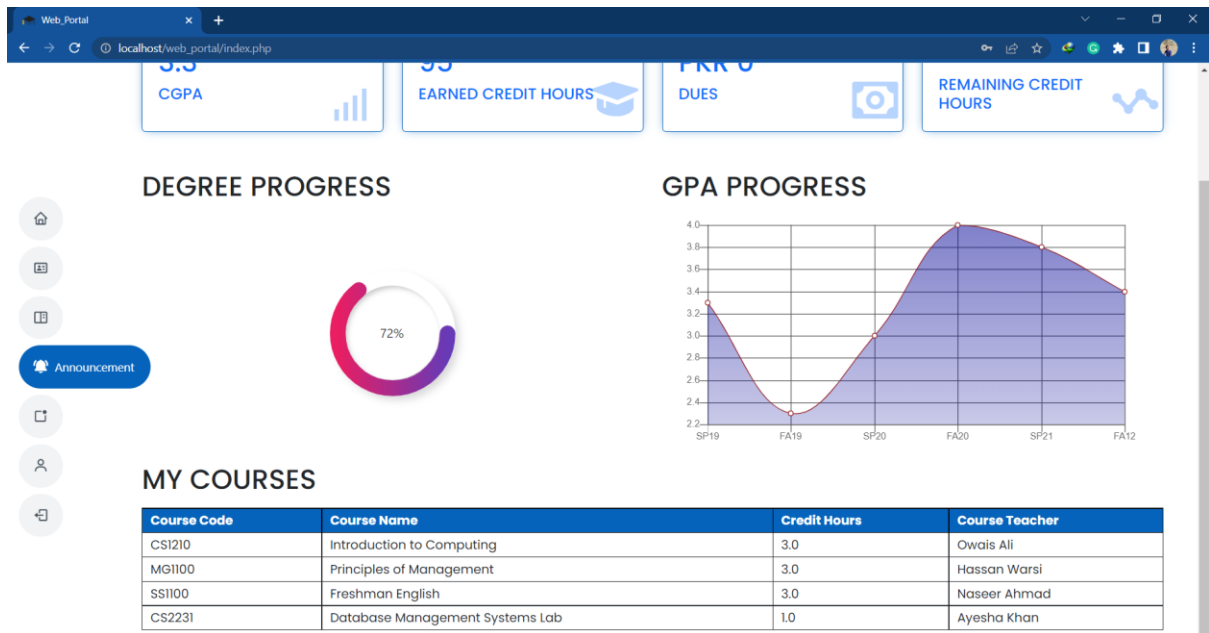
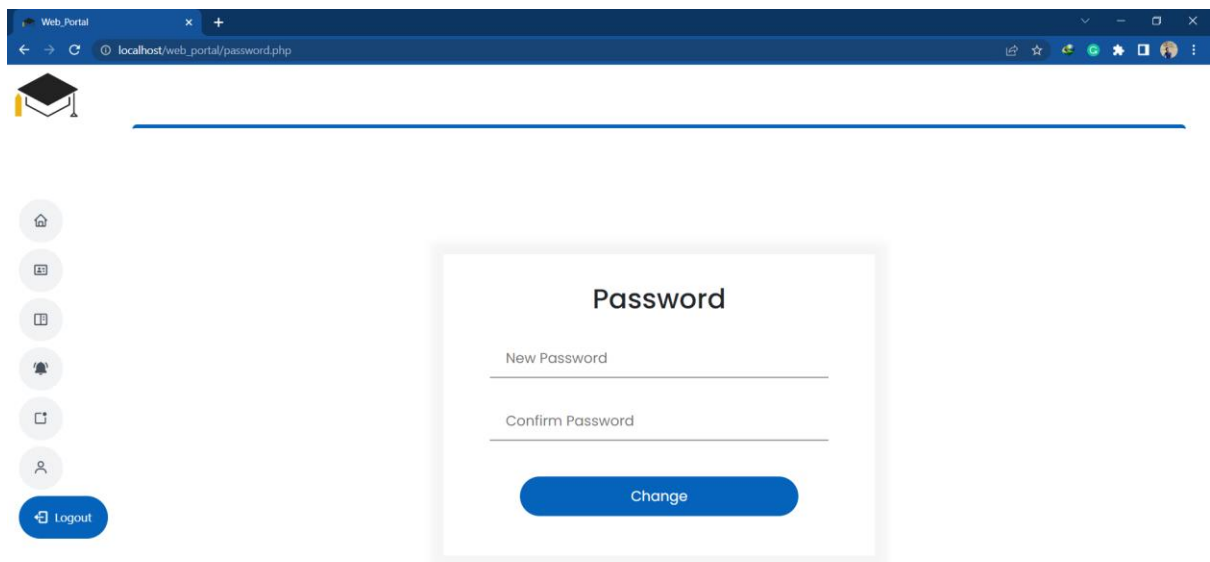The student is able to change their password.

NEW DESIGN

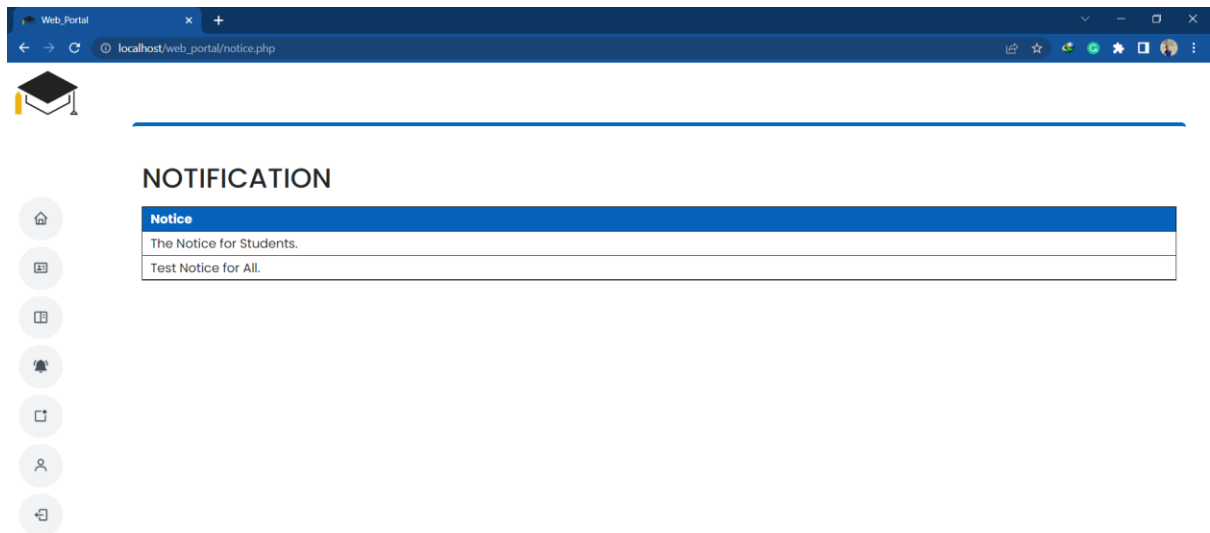**DEGREE PROGRESS**

72%

GPA PROGRESS

MY COURSES

Course Code	Course Name	Credit Hours	Course Teacher
CS1210	Introduction to Computing	3.0	Owais Ali
MG1100	Principles of Management	3.0	Hassan Warsi
SS1100	Freshman English	3.0	Naseer Ahmad
CS2231	Database Management Systems Lab	1.0	Ayesha Khan

Code	Couse Name	Attendance	Grade	Teacher
CS1210	Introduction to Computing	80	A	Owais Ali
MG1100	Principles of Management	99	C	Hassan Warsi
SS1100	Freshman English	50	A	Naseer Ahmad
CS2231	Database Management Systems Lab	70	I	Ayesha Khan

NOTIFICATION

Notice
The Notice for Students.
Test Notice for All.

Password

New Password

Confirm Password

Change

localhost/web_portal/logout.php