PROJECT PROPOSAL

PROJECT TITLE: PSTU WEBBASED SYSTEM USING PHP LARAVEL FRAMEWORK

(PSTU full website including 7 faculties)

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OBJECTIVES: Our main objective of this project is to make a full webbased system for every faculty of PSTU. So that, all the teachers, students & other official staffs can manage their faculty at ease through their faculty website. The teachers can upload the course content online and the students can easily get those materials and download it which is very helpful for their academic career.

PROGRAMMING LANGUAGES:

1. HTML 5
2. CSS
3. JAVASCRIPT
4. PHP
5. AJAX
6. JQUARY
7. MYSQL

PHP FRAMEWORK: LARAVEL 5.3

IDE: Netbeans (Editor)

Notepad++ (Editor)

XAMPP (Web Server)

PROJECT DESCRIPTION:

Admin Panel

We will built an ADMIN panel to manage our website dynamically. So, there will be a login system in the admin panel where only admin can be logged in.

In the admin panel admin can manage various features.

Add department

Manage Department

Add Student

Manage Student

Add Teacher

Manage Teacher

Add Semester

Manage Semester

Add Course

Manage Course

Publish Notice

Publish News & Events

Upload Result

Publish Enrollment forms etc.

Student & Teachers Login System

We will built a dynamic login system for both teacher & student. Where each student and teacher can create their profile. Here teachers can upload their course materials and the students can download it.

Academic Section

In academic section there are 4 options.

Program: Information about various BSc. & MSc. Program.

Admission: contains important admission information including admission test results.

Result: user can view the result of individual semesters.

Student: This section contains the information of Alumni Association. Where user can search any graduates who have completed the BSc. Program.

Faculty

In this section user can get the information about various department of the selected faculty. User can also get the information of the Chairman & teachers of individual department of the faculty. These information are including:

Contact no.

Designation

Email address

Status

Uploaded course materials.

The most important feature of this section is the students can view & download semester wise course materials which is uploaded by the teacher.

Administration Section

This section including 2 options.

Dean Office: In this section user can get the information of the dean office staff.

Other Staff: In this section user can get the information of the staff of every department.

Announcement Section

This section Provides 3 Options.

Notice Board: In this section user can get all kind of notices published by the admin. Such as, Orientation Program 2017 etc.

News & Events: In this section user can get the news of various faculty programs. This section included the notice of IT Carnival 2017, NHSPC Contest etc. In this section events are created for future programs.

Dean Merit List: This section shows the list of the Dean Merit list students.

Downloads Section

Admission Circular: The applicants can view the admission test circular and various important information on admission test and can download it. The applicants can also download their admit card of admission test from this section.

Forms: Students can download the enrollment forms of each & every semester.

Course Materials: Students can download the course materials of individual semester which is uploaded by the course teacher. This is very helpful for the study of every student.

Questions archives: Students can get the questions of each semester and download it.

About Section

In this section the user can get various information including the history & welcome message about his faculty. The student can also get the pictures of various faculty programs.

PROJECT FEATURES:

➢ Webmail system: when a student sign up for an student account he will be confirmed by a mail to activate his account.
➢ Forgot Password: If any user forget his present password he will regain it by answering some security questions. If he/she answer the rightly his password will be sent via an email.

- ➢ Reset Password: If any user forget his password he can get the reset option for a new password.
- ➢ Course materials: The students can download the course content of his desired course.
- ➢ Location: We have used google maps API to get the location of our University and faculties. This will be helpful for the admission test applicants.
- ➢ Result System: We will built a system where each student can view their results of every semester, SGPA, CGPA.