MAJOR PROJECT REPORT

STUDENT MANAGEMENT PORTAL FOR PhD SCHOLARS

Submitted in partial fulfilment of requirements

for the award of Degree of

Masters of Computer Applications

(Software Engineering)

2015-2018

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

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Title

Student Management Portal for PhD Scholars.

Abstract

Student Management Portal for PhD Scholars can be used by education institutes to maintain the reports of students easily. Achieving this objective is difficult using a manual system as the information is scattered, can be redundant at times and collecting relevant information may be very time consuming. It also provides communication between teachers and their respective students. All these problems are solved using this project.

Introduction

The objective of the Student management portal will allow PhD scholars to upload their reports and get it approved online by their respective teacher. It will also facilitate keeping all the students reports and records such as their id, name, phone number, DOB etc. So, all the information about a student will be available in a few seconds. Overall, it'll make Student Management an easier job for the teacher and the student of any organization.

Problem Statement

The current problem in many colleges is they don't have a management system for PhD students, by which they can at ease communicate with their teachers. Lack of communication between teachers and students mainly causes wastage of precious academic time both for teachers as well as for students. To overcome lack of communication between teachers and PhD students a system is created in which students can upload their reports and their respective teachers can view and comment on their reports.

Methodology Adopted

Software Process

Systems Development Life Cycle (SDLC) or sometimes just (SLC) is a software development process, although it is also a distinct process independent of software or other information technology considerations. It provides a consistent framework as the task and deliverables needed to develop a system. An SDLC should result in a high-quality system that meets or exceeds customer expectations, within time and cost estimates, works effectively and efficiently in the current and planned information technology infrastructure, and is cheap to maintain and cost-effective to enhance. SDLC is the most suitable methodology for this system and the model that has being used is waterfall model.

In Student Management System, the system development life cycle (SDLC) method has selected to make sure the project will do properly. In this project 5 stage of process has being used. They are identification, planning, Design and implementation.

FRONT END: HTML, CSS and PHP

HTML:

HTML stands for Hyper Text Markup Language.HTML was invented in 1990 by scientist Tim Berners -Lee.HTML is the language used to create webpages. ”Hypertext” refer to the hyperlinks that an Html page may contain.”Markup Language” refers to the way tags are used to define the page layout and elements within the page.

CSS

CSS stands for cascading style sheet.CSS handles the look and feel part of the web page.CSS was proposed by Hakon Wium Lie. CSS3 is the current version being used. Using CSS we can control the color of the text, style of font, spacing between paragraphs, line-height, how the column are sized and layout as well as a variety of other effects.

PHP

PHP stands for PHP hypertext pre-processor a recursive acronym. PHP is a server-side scripting language designed for web development but also used as a general-purpose programming language commands can be embedded with directly into a HTML document rather than calling an external file to process the data. PHP has also evolved to include command –line interface capability and can be used in standalone graphical application is free software released under PHP License.

Gantt Chart

GANTT CHART

Task	Week1	Week2	Week3	Week4	Week5
Requirements Gathering					
Coding					
DBMS					
Design					
Implementation					

Hardware Requirements

- Windows 7/8/10
- Intel Pentium IV process or higher
- 1 GB Ram or higher
- 20 GB HDD or higher
- Network Connectivity

Software Requirements

- PHP 5.0
- APACHE HTTP Server
- Dreamweaver, FrontPage for Front End Programming
- Microsoft Windows or Linux