

Intranet Based Student Profile Management System

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ABSTRACT

This paper is aimed at developing an Intranet Based Student Profile Management System that is of importance to either an educational institution or a college. The system is an Intranet based application that can be accessed throughout the institution or a specified department.. This system is being developed for an Engineering college to maintain and facilitate easy access to information. For this the users must be registered with the system after which they can access as well as modify data as per the permissions given to them. Intranet Based Student Profile Management

System is an intranet based application that aims at providing information to all the levels of management with in an organization. A Profile Management System is designed to help colleges for management of engineering student . Extensive information is available and it is harder to maintain. Viewing student data like quota , board ,semester marks , Mentors , subject management , result and related issues are made simple and easy.This can make the system easier to navigate and to use maximizing the effectiveness of time and other resources

1. INTRODUCTION

The title of the project is “Intranet Based Student Profile Management System”. It is defined as an application based on Intranet that aims to all the levels of management providing information within an organization. This system can be used as a information management system for the college.For a given student/staff (Technical / Non-technical) the Administrator creates login id & password, using these student/staff (Technical / Non-technical) can access the system to either modify or view some information from the database.The front-end will be HTML pages for client side validation with Java Script whereas all business logics will be in Java reside at middle layer. third layer of database will be interacted with these layers, which would be XAMPP database. The web server would be XAMPP. Server have web server is required to start working on this project environment like Java Runtime Environment (JRE) as development environment and SQL as database.

2. PURPOSE OF DOCUMENT

This document is the Software Requirement Specification (SRS) for the Intranet Based Student Profile Management System (IBSPMS)project. The purpose of this document is to describe the functionality, requirements and general interface of the IBSPMS.

3. SCOPE FOR DEVELOPMENT OF THIS PROJECT

The requirement of the user is to

1.To identify the information requirements in the existing student information system .

2. To identify the problems encountered in the existing student information system.

3. To identify the information requirements needed online.

4. To determine appropriate security and control measures are needed for online student information system.

5. To determine the benefits of an intranet based student profile maintainence system as perceived by:

- Administration Offices.
- Faculty advisors.
- Students.
- Class co-ordinators

4. OVERVIEW OF DOCUMENT

This document describes the product and its requirements and constraints. It provides a primarily non-technical description of the project targeted towards external audiences. This section includes information such as data requirements, functional requirements, and a general description of the product and its interaction with users from the perspective of the client. Section 3 provides specific technical requirements as the team understands them at this time and is intended for an internal audience. This section includes information such as external interface requirements, performance requirements, and any other technical requirements needed to

design the software.

5. GENERAL DESCRIPTION

User Characteristics: The target audience for IBSPMS product is the college students/staff/admin (Technical/Non-technical). The users for this system are

Administrator – The Super user of the system. Student – A user with limited access rights.

Staff – A user of the system who has more access rights than a normal user.

Product

Perspective

The product will be a standalone application and may be run on multiple systems within an Intranet network. The product will require a keyboard, mouse and monitor to interface with the users. The minimum hardware requirements for the product are specified in this document. Intranet based student profile maintenance system is to meant to serve as a common platform where management of everyday academic tasks can be carried out conveniently.

Overview of Functional Requirements

The client requires the following features:

- The administrator governs the working of the system and ceates login for students and staffs.
- The staff can view the student's details ans enter examination and attendance details.
- A mechanism to uniquely identify each student
- The students can view their marks/attendance/exam schedules .
- The system should have a login.

Non functional requirements

Hardware platform:- 128 GB

harddisk,512MB

Software Platform:- XAMPP

SERVER:

Processor:Any processor above 500MHz.

6. USER VIEW OF PRODUCT USE:

The front view of the system consists of different services provided by the system and a login page with which a user is prompted to login in to the system through his user name and password. Upon the student's login, his/her details are updated in to the system. When all data is entered, the student can not only view their details but also view their exams and report details. When the student's session ends, all data is saved. Staff can also login to the system with their id and password and has access to the system. There will be a special login name and password (to prevent students in updating their details other than profile) to allow the teacher to access all student data in a table form. Here, the administrator can add students and staff to the system and change student and staff details.

7. SPECIFIC REQUIREMENTS:

1. External Interface

Requirements:

- Simple, Attractive, User Friendly
- Self-Contained, Consistent, Self-Explanatory
- Robust.

2. Main modules of the system:

Department Information: This module gives the information about,

- Course: This contains the information about the number of the courses offered by the college and number of seats present in each.
- Staff: This contains the number of staff available in each department.
- Infrastructure: This has the details of the assets allotted for each department.
- Syllabus: This provides the academic syllabus of the students from different branches.

Staff Information: This module deals mainly

with,

- Profile: This provides personal details of the staff.
- Attendance: This provides the staff with his/her attendance details.
- Feedback: This feature enables the staff to provide feedbacks to the management.
- View Student Details: This provides the staff to view the student details.

Student Information: This module gives information about,

- Profile: This provides personal details of the student.
- Attendance: This provides the student with his/her attendance details.
- Marks: This provides the internal/external marks of a student.
- Feedback: This feature enables the student to provide feedbacks to the management.
- Remarks: It contains the remarks written by the faculties about a student.
- Change Password: Not Provides the student to change his/her password it can access with their register number.

Examination Branch: This module contains the information about,

- Results: This contains the internal/externals marks of a student for 3phases.

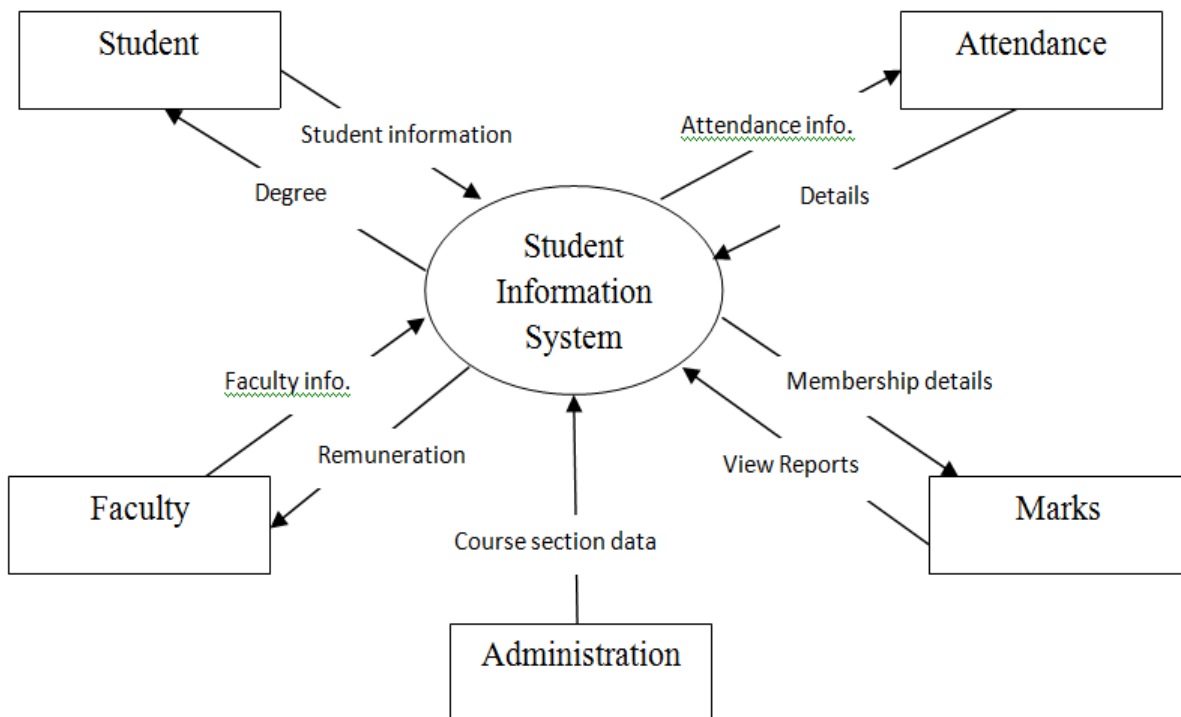
- Attendance: It maintains the attendance of all the students for 3phases
- Schedule: This has the various examinations schedules/timetables.

8. SYSTEM DESIGN

PURPOSE: Purpose of College Management System for a College (IBSPMS) Design Document is to describe the design and the architecture of IBSPMS. The design is expressed in sufficient detail so as to enable all the developers to understand the underlying architecture of IBSP MS.

The IBSPMS is a system which contain major part which include: student Detail, Student image and resume.

The user selects one of the available options as an input to the system. According to the input by the user the system acts and the rest of the functions are performed accordingly. The administartor can operate on any student details. But the normal student or users can only access their details of all the functionalities. -



11. IMPLEMENTATIONS

IBSPMS Home Page

This is the home page for Student management system. This page also contains the discussion forum topics. Here teaching/non-teaching staff or student can login by their id & password.



IBSPMS Login page

The system starts with login page where the registered user can enter user name and password to be able to access the system. The unregistered user enter the necessary details.



IBSPMS Admin page

It includes admin personal information and contact details. Admin maintains the faculty and student information. After filling registration form admin hits submit button for store the details. Admin need any correction hits reset button.



IBSPMS Enter details

It includes the student academic information and lodging information, faculty's personal information and contact details. It includes admin personal information and contact details. Admin maintains the faculty and student information.



9. CONCLUSION

The project entitled as **IBSPMS** is the system that deals with the issues related to a particular institution.

- This project is successfully implemented with all the features mentioned in system requirements specification.
- The application provides appropriate information to users according to the chosen service.
- The project is designed keeping in view the day to day problems faced by a college.

10. REFERTENCES

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