

A Web-Based “Department Management System” for Academic Institutions

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Keywords— Department Management System, DMS, DEPT, MGMT, Management System.

Abstract— This work done is pointed toward fostering a web-based Online application "Division The executives Framework" that is of significance to explicit branch of school. The framework is electronic application that can be gotten to all through the division of an association. This framework might be utilized for checking the general exercises as well as execution of the understudies. This work is being produced for a designing to keep up with and work with simple admittance to data. For this the clients should be enrolled with the framework after which they can access as well as alter information according to the consents given to them. DMS is an online application that targets giving data to every one of the degrees of division in an association. For a given understudy/personnel can get to the framework to either transfer or download some data from the information base.

I. INTRODUCTION

The title of the project Department Management System is characterized as an application expands on web that is helpful in giving data at all levels of a division. For the clients of this framework the manager makes login IDs and particular passwords from which understudy/staff can undoubtedly get to the framework. This work is basically a website which includes attractive designs and proper arrangements of links and images from staff rating to, every notice and upcoming events is showcased in this system. Student user interface, allowing users to access Information and submit requests online thus reducing processing time.

HOD Dashboard – The HOD having privileges to manage or perform the activities related to staff and student and department.

Staff Dashboard – The Staff having privileges to manage or perform the activities related to student.

Student Dashboard – The student can see their Presenty, can access the syllabus, can access the assignment. They

do not have privileges to change the date only access the data.

II. METHODOLOGY

1. Software Requirement Specification:

A Bunch of programs associated with the operation of a computer is called software. Software is the part of the computer system, which enables the user to interact with several physical hardware devices. The minimum software requirement specifications for developing this project are as follows:

Operating System: Windows 11 Presentation Layer: PHP, CSS, HTML, JS

Tool: MS Office

2. Hardware Requirement Specification:

The collection of internal electronic circuits and external physical devices used in building a computer is called the Hardware. The minimum hardware requirement specifications for developing this project are as follows:

Processor: Standard processor with a speed of 1.6 GHz
 RAM: 256 MB RAM or more

Hard Disk: 20 GB or more Monitor: Standard color monitor
 Keyboard: Standard keyboard Mouse: Standard mouse

III. FIGURES AND TABLES

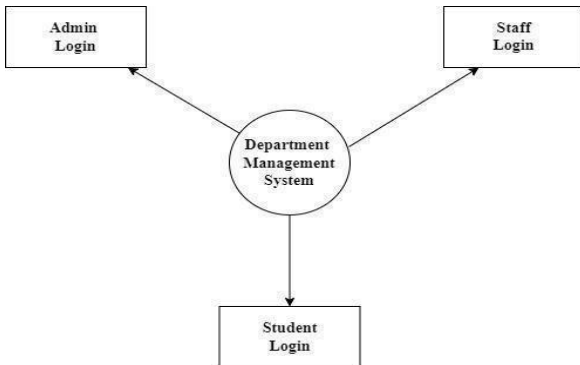


Fig. 1: DFD Level 0

In DMS there are 3 modules named as Admin login, staff login, and Student login.

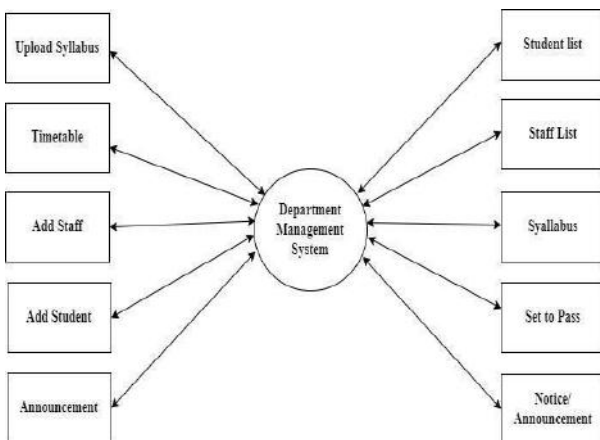


Fig 2: DFD Level 1

In DFD level 1 consisting multiple entities. Mainly forms following entities upload syllabus, Timetable, add staff, add student, announcement, staff list ,etc.

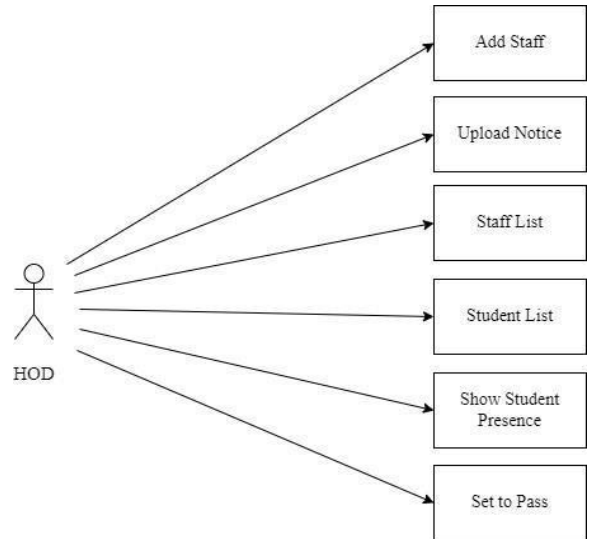


Fig. 3: Use case of HOD

In the above fig 3 above mentioned entities handled by HOD (admin).

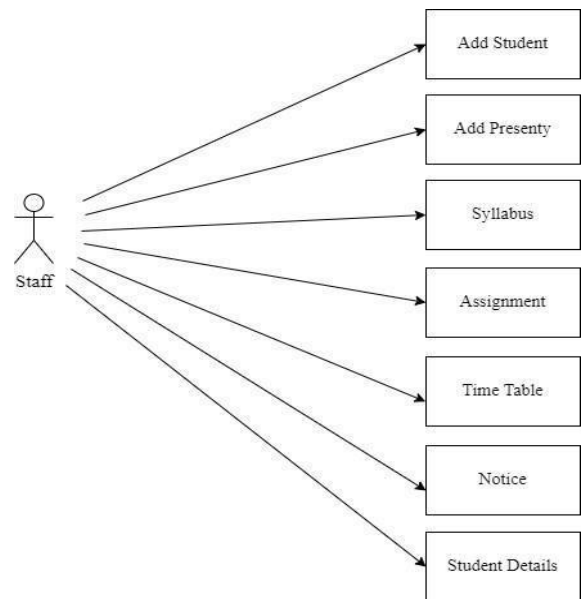


Fig 4: Use case of Staff

In this fig 4 staff can have different authorities are given those are as above mentioned.

IV. RESULTS

Home Page:



HOD Dashboard:



V. CONCLUSION

The project entitled as Department Management System is Web based Application that deals with issues related to manual working in college department. This project is successfully implemented with all the features mentioned in application. The application provides appropriate information to user according to the desired service. The project is designing doing the day-by-day activity problem faced by in college department. Deployment of our application will certainly help the department to reduce unnecessary wastage of time, paper work etc. So, this serves the right purpose in achieving the desire requirement of both communities. Also, we can generate the report of all information.

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