

College Management System

Nithin MA¹, Pranav D², Balaram M³

Students, Department of BCA^{1,2}

Assistant Professor, Department of BCA³

BMS College of Commerce and Management, Bangalore, India

Abstract: *This project is aimed at developing an Online College Management System that is of importance to either Schools or Colleges. The system is web based application that can be accessed throughout the college or a specified department. This system is being developed for an Educational Institutions (Schools or Colleges) to maintain and facilitate easy access to information. For this the users need to be registered with the system after which they can access or modify data as per the authentication given to them. The main objective of this College management system web application which helps college students and faculties to connect each other. In this web based application facilitates faculties to upload marks, daily attendance, time table, complete syllabus plan. Students can view their attendance report, marks sheet, daily syllabus and topic plan and they can post feedback and reviews in this system. Even Students can discuss with their faculties regarding their doubts in subject and faculty has option to reply the questions sent by students. This web based application also facilitates accounts people of college to maintain their financial status(Fees) of the academic year.*

Keywords: College, Attendance, Online and Offline fee payment, Admin, Faculty

I. INTRODUCTION

The main objective of developing a College management system web application which helps college students and faculties to connect each other. In this web application facilities can upload marks, daily attendance, time table ,fees and they can upload complete syllabus plan. Students can view their attendance report, marks sheet, daily syllabus and topic plan and they can post feedback and reviews in this system. Even Students can discuss with their faculties related to subject and faculty has option to reply the questions sent by students.

College Management System can store and manage all data of the various departments of a college like Administration, Attendance, Staff details etc. using this system user can retrieve any information related to student, teacher and fees. Using this system teacher can check student attendance anytime[1]. This system also help teacher to announce the result. College administration can also manage college work easily. Admin can check leave, salary and other details of teacher any time. They can also create time table of classes from this system.

II. MODULES

- **Registration/Login Module:** Here college students can register through online by entering name, Roll number, password, Email ID, contact number, etc. Hence the website is online we have implemented manual account verification. After the registration the faculties need to verify the students account. After the verification students can login to his account.
- **Faculty Panel:** Faculty can login to the system by entering login credentials. Admin creating faculty records. Faculty can upload syllabus records, attendance report, examination report, timetable, etc.
- **Syllabus Plan:** Faculties can upload syllabus, study materials and topic records. Along with this they can schedule number of required days, completion date and statistics of the syllabus.
- **Attendance Module:** In this module faculty can upload attend report and student can view their attendance record.
- **Exam Report Module:** In this module faculty can upload examination report of all students and student can view their exam marks report.
- **Feedback and Reviews Module:** Students can send feedback and reviews about faculty, classes and subjects. Admin and faculty can view review sent by students.

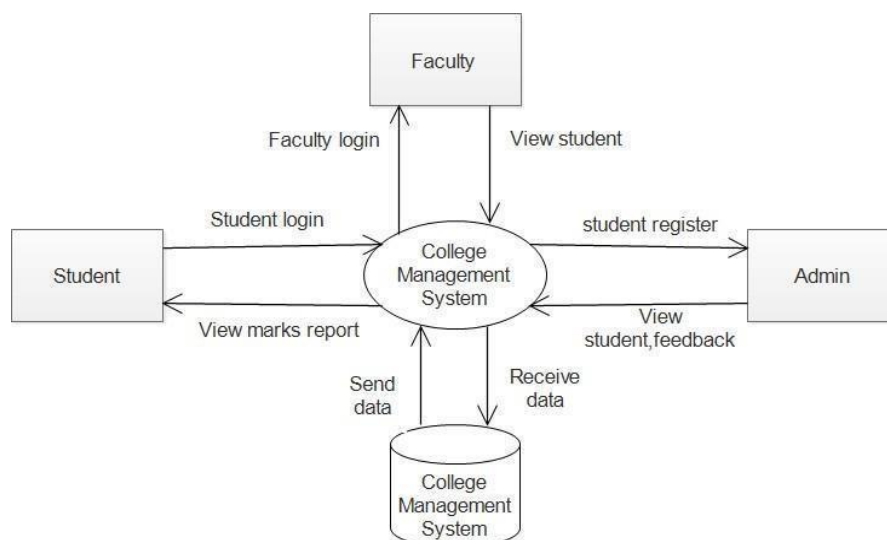
- **Discussion Module:** In the discussion module the students can discuss related any topics with faculties. They can ask any topic related queries by entering subject and description. The faculties can post answers to the students query.
- **Timetable Module:** This module is for faculty and admin, where they can add time table for each course. Students can view the time table records.
- **Dashboard Module:** This module is for administrator where admin can do all the settings of the website. Admin has full authority of the website. Admin can add course details, subject details, faculty records, etc.
- **Fee Module:** In the fee module admin can update the fees of the particular student, the faculty can also view the balance details and view the fee details in the database.
- **Student Account:** Students can view his examination mark sheet, attendance report, time table through online. Student can discuss with faculties related to any subjects or topic.

III. OBJECTIVES AND GOALS

The main objective of developing a College Management System web application which helps college students and faculties to connect each other. In this web application facilities can upload marks, daily attendance, time table ,fees and they can upload complete syllabus plan. Students can view their attendance report, marks sheet, daily syllabus and topic plan and they can post feedback and reviews in this system. Even Students can discuss with their faculties related to subject and faculty has option to reply the questions sent by students.

IV. DATA FLOW DIAGRAM

A data flow diagram is a graphical representation of the flow of data through an information system. A data flow diagram can also be used for the visualization of the data processing. It is a common practice for a designer to draw a context level DFD



V. IMPLEMENTATION

The system analysis approach emphasizes a closer look on all parts of the system. The analyst must consider all the system elements, their inputs, outputs, control, feedback and the environment when the system is being constructed. Here college students can register through online by entering name, Roll number, password, Email ID, contact number, etc. Hence the website is online we have implemented manual account verification. After the registration the faculties need to verify the students account. After the verification students can login to his account.

System Design: The goal of system design phase is to produce a model or representation of the system, which can be used to build the system. Here the emphasis is on translating the requirements of the system into design specification.

VI. CONCLUSION

It has been a great pleasure for me to work on this exciting and challenging project. This project proved good for me as it provided practical knowledge of not only programming in HTML, CSS, PHP AND MYSQL web based application and no some extent Windows Application and SQL Server, but also about handling procedure related with “College Management System”. It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

REFERENCES

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