

UNIVERSITY MANAGEMENT SYSTEM

END TERM REPORT

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Student Declaration

This is to declare that this report has been written by me/us. No part of the report is copied from other sources. All information included from other sources have been duly acknowledged. I/We aver that if any part of the report is found to be copied, I/we shall take full responsibility for it.

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BONAFIDE CERTIFICATE

Certified that this project report “UNIVERSITY MANAGEMENT SYSTEM” is the bonafide work of “Naveen, Vijay, Lipsika” who carried out the project work under my supervision.

Signature of the Supervisor

Name of supervisor

Academic Designation

ID of Supervisor

Department of Supervisor

1.BACKGROUND AND OBJECTIVES OF THE PROJECT ASSIGNMENT

1.1 BACKGROUND:

This paper is about UNIVERSITY MANAGEMENT SYSTEM(UMS) deals with the maintenance of university, faculty, student information within the university. The university management system is developed to override the problems prevailing in the practicing manual system, this software is supported to eliminate and, in some cases, reduce the hardships faced by this existing system. UMS is an automation system, which is used to store the college, faculty, student, courses, and information of a college. It maintains all the details regarding the attendance and marks of the students.

The project deals with retrieval of information through an intranet-based campus wide portal. It collects related information from all the departments of an organization and maintains files, which are used to generate reports in various forms to measure individual and overall performance of the students.

The system will serve the management to reduce cycle times, faster keep track of data, and improve the service, increase information sharing and providing facilities to store information centrally. Student can access their Attendance, CA marks, Timetable, Personal details, Announcements, Final marks with grades.

No formal knowledge is needed for the user to use this system. Thus, by this all it proves it is user-friendly. University Management System, as described above, can lead to error free, secure, reliable, and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources.

Every university, whether big or small, has challenges to overcome and managing the information of students, faculties, Registrations, courses at the management level. This is designed to assist in strategic planning and will help you ensure that your organization is equipped with the right level of information.

1.2 MOTIVATION:

Now a days university management system is very common in well-developed universities. To allow the university to operate more effectively and efficiently by providing more responsive. So, here we introduced the software which provides the information about the university to every student. We will provide the way and guide the students to know the happening in the university in very easy and comfortable way in this website.

1.3 EXISTING SYSTEM:

In the existing system the everything is done manually but in this proposed university management system we have computerize almost everything.

- More manpower.
- Time consuming.
- Needs manual calculation (like for attendance, grading...)
- Lack of security of data.
- No direct role for higher officials.

1.4 OUTCOME OF THE PROJECT:

The final outcome of the project is:

- Student's data will be stored in University database.
- Student with unique user id can only be logged in.
- All the necessary information of the student will be displayed.
- Minimum time needed for various processing.
- User friendly and interactive.

1.5 CONCRETE GOALS:

The purpose of the website is to provide students a digital way to manage all the university related things. The objective of the project on University is to manage the details of Students, Classes, Instructors, and Courses.

The purpose of the project is to build an application program to reduce the manual work for managing the Students, Registrations, and Classes. It tracks all the details about the students, faculties, courses.

1.6 OBJECTIVE OF THE PROJECT:

The main objective of this system is to construct a streamlined, reduced paper information processing environment based on electronic workflow and hierarchies based on assigned authorizations.

Consistency and wide availability to students, faculty, and administration.

The aim of the proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

2.DESCRPTION OF THE PROJECT

2.1 MODULE DESCRIPTION:

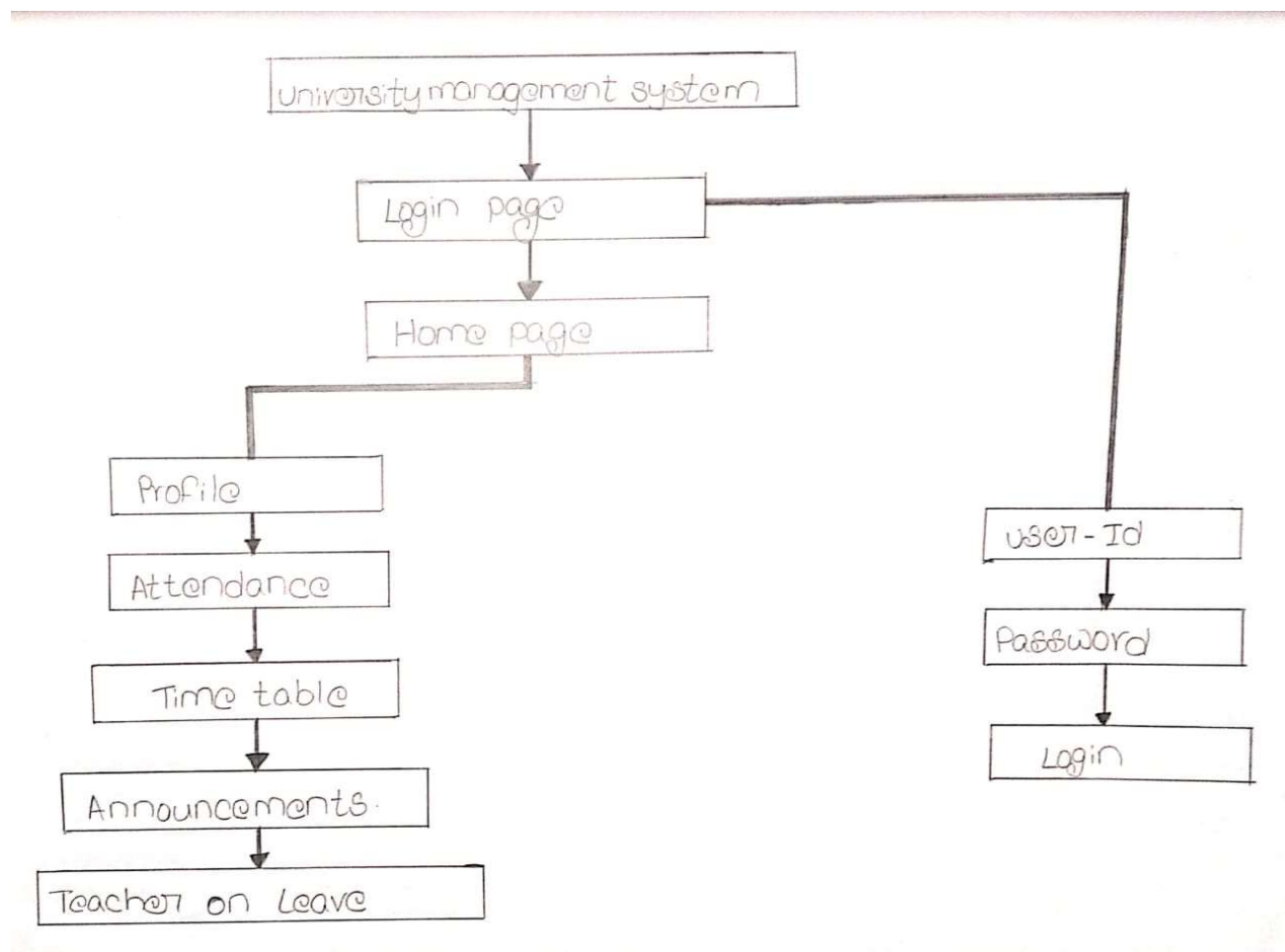
LOGIN PAGE:

This is the page where you must give your login credentials to log in to the website, here user must enter the USER ID along with your password so that user is navigated to home page.

HOME PAGE:

This is a page which you will get after login. In this page user get all the details like profile, attendance, timetable, announcements, and teacher on leave.

2.2 PICTORIAL FLOW OF PROJECT:



3.WORK DISTRIBUTION

S.NO	NAME	WORK DONE
1	E.N.S.S. SRINIVAS	HOME PAGE
2	K.G.H. VIJAY	LOGIN PAGE, REPORT
3	B.T. LIPSIKA	REPORT

E.N.S.S. SRINIVAS

- Worked on Home page.
- Used HTML to implement.
- Worked on CSS to make it stylish.

K.G.H. VIJAY

- Worked on LOGIN page
- Done HTML code
- Added CSS to it to make it effective.

B.T. LIPSIKA

- Collected all the information required for making of this website.
- Gathered the images used in this website.

4.IMPLEMENTATION OF SCHEDULE WORK OF PROJECT

4.1 TIMELINE

- March 22, 2021 - Start of the project.
- March 26, 2021 - Basic HTML Code prepared.
- March 29, 2021 - Synopsis made.
- March 31, 2021 - Synopsis submission.
- 2nd week of April - Addition of in-depth Web Pages.
- 3rd week of April - Starting of CSS Coding
- 4th week of April - Web page completion

4.2 DESIGNED WEB PAGES

LOGIN PAGE

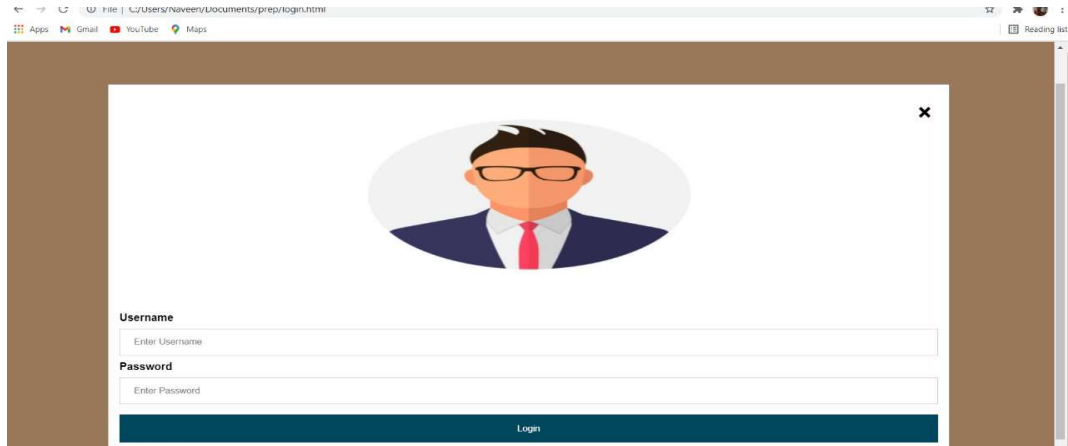


FIG-1

This FIG-1 is about Login page.

- After entering required credentials, by pressing LOGIN button.
- USER is navigated to HOME page.

HOME PAGE:

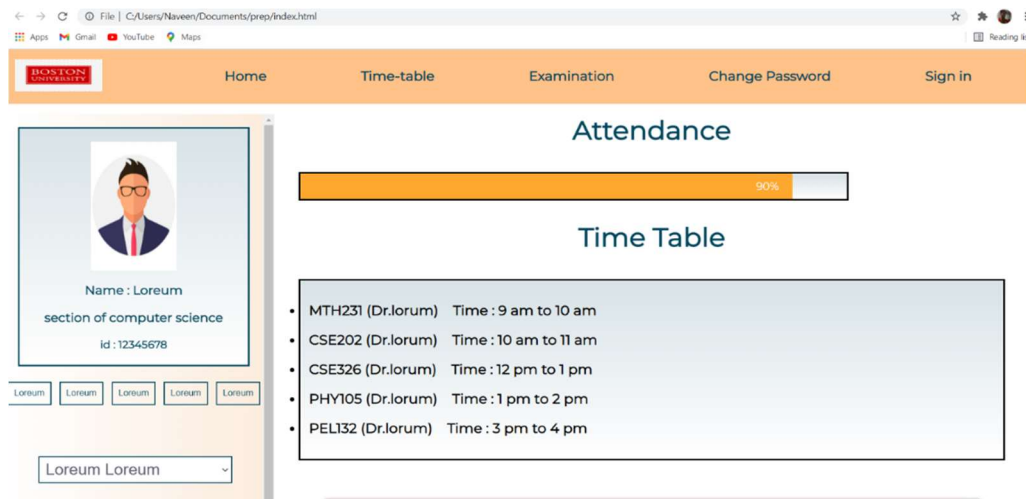


FIG-2

This FIG-2 screenshot is about HOME page.

- Users can access their profile.
- They can track their Attendance and timetable.

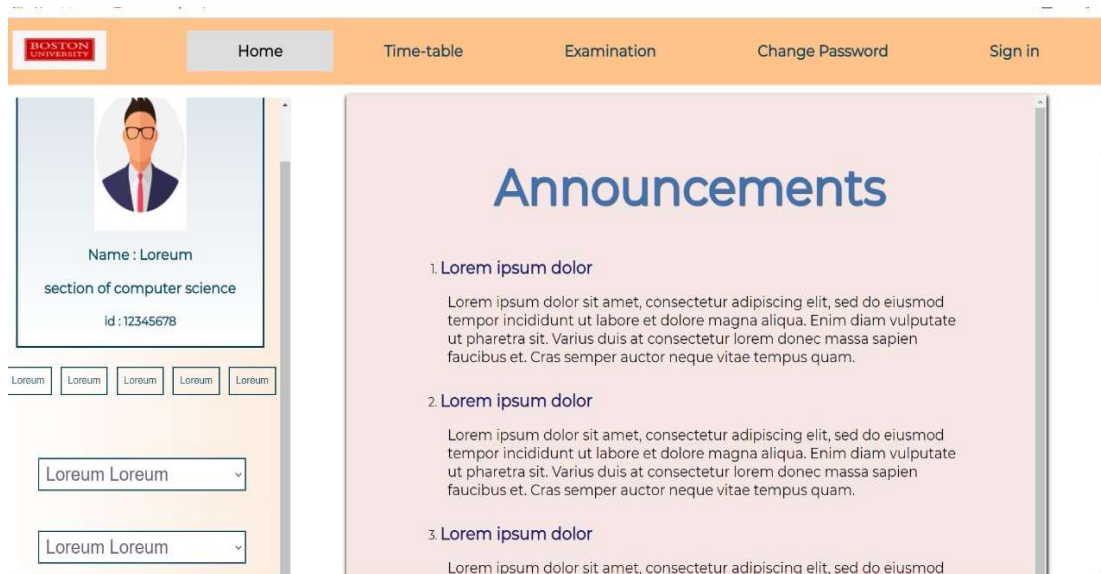


FIG-3

This FIG-3 Is about

- All the announcements regarding the university will be here.

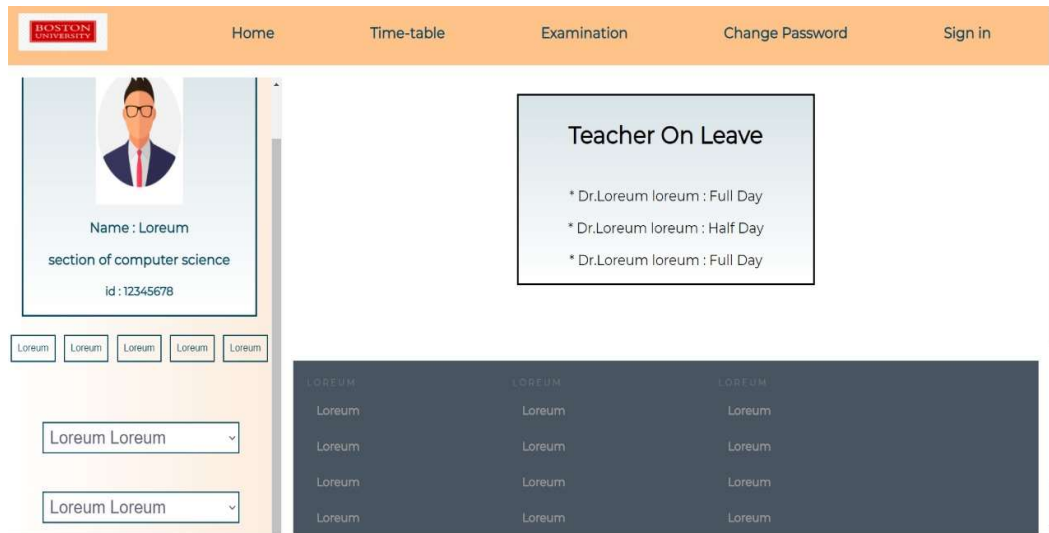


FIG-4

This FIG-4 is about

- Users can see the teachers on leave here.

5. TECHNOLOGIES AND FRAME WORKS USED:

This UNIVERSITY MANAGEMENT SYSTEM is purely based on HTML and CSS. To do this project we had considered a lot of sources.

We used the atom editor to edit and implement the code.

We used many resources as references to do these projects, they are:

- W3 schools
- YouTube
- Geeks for geeks
- Collected images from the google.
- Wikipedia

6.SWOT (strengths, weakness, opportunities, threats) Analysis:

6.1 STRENGTHS:

Security:

When talking about a secure website we mean overlap of security layers that are implemented for user's convenience. It is safe as everything is in accordance with universities database.

Accessibility:

One of the major benefits of the university management system is that apart from students and members of the management these systems can also be accessed by people such as teachers and parents. In fact, all the members of staff in your university can access these systems as well.

With the help of these systems, teachers will be able to:

- Manage their classes a lot better.
- Track the attendance of the students as well as the assignments.
- Keep a track of any other task that they may have allotted to the students as well.

Efficiency:

Due to faster processes and central data repository the management will experience a significant rise in the efficiency on all dimensions.

Precision:

It is precise as everything in this system is done digitally so there will be no mistakes.

Reliability:

It is very reliable as we can access from anywhere without any problem. As it is reliable there will be a maximum participation from the users, and it becomes easier to the students who are out of the campus as it is accessible.

6.2 WEAKNESS:

The drawbacks in University Management System software can be counted on fingers; with mostly only benefits, these systems have a few countable downsides. Often, applications face minor technical glitches.

Security:

Although this is secure from data mishandling it a little bit secure because of the black hat hackers, as they can cause disturbances on the website.

Awareness:

Some users due to lack of awareness may not be able to use the services of this website.

Reliability:

Most of the towns don't have a proper internet or don't have access to the internet or places where they don't use technology will become difficult to access this website.

6.3 OPPORTUNITIES:

It gives an opportunity to the digitalization of University as everything is done online.

- Competency based system make it easier to manage individual progress.
- The accessible way of learning regardless of location.
- Saves time.
- Easy and portable.

6.4 THREATS:

Hackers:

Hackers are a threat because, since this a website it can be hacked.

Awareness:

People who are not aware of this website will not be able to access this website.

Cheating:

Exchange of User ID and passwords by students to complete assignments for others.

Understanding:

People who do not understand English cannot be able to understand the website interface.

7.CONCLUSION

It has been a great pleasure for us to work on this exciting and challenging project. This will provide better opportunities and guidance in future in developing projects independently.

1. Efficient and Cost Effective: The system offers significant cost benefits over paper usage. It saves an organization the cost of creating, printing, and postage since everything can be handled electronically.
- 2.This university management system offers easy data accessing like student's attendance, grades, announcements, and timetables. These functions are automatic and do not need to be assigned to personnel in-house.
3. Easy and convenient: The university management system offers the easiest and most convenient method for both administrators and users. For administrators, the process of managing data will be simple and manageable.

The other advantages that the system offers are:

- Efficient data storage and Intelligent Management.
- Accuracy, real-time response, and user friendliness.