

A Internship Project Progress Report = 1

On

**APPLICATION OF UNIVERSITY MANAGEMENT SYSTEM**

Submitted By:

Name Enrollment Number

**Ankit Senjaliya 19BT04046**

**Bhautik Karma 19BT04017**

**Amish Kajavadra 19BT04015**

**Darshan Lakhani 19BT04021**

**Nikunj Sanghani 19BT04044**

IN

COMPUTER SCIENCE AND ENGINEERING

Guided by:

Ms. Rujul Desai

Assistant Professor – C.S.E

School of Technology

* Our Project Is Based On University Management And Also Library Management And Hostel Management Are Also Included In This Project.

**INTRODUCTION**

UNIVERSITY MANAGEMENT SYSTEM

* The University Management System is developed to override the problems prevailing in the practicing manual system, this software is supported to eliminate and some cases reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.
* The Application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. 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 Organization/University, whether big or small, has challenges to overcome and managing the information of Student, Faculty, Registrations, Course, Subject, Fees 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 and details for your future goals.

* Also, for those busy executives who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources.

HOSTEL MANAGEMENT SYSTEM

* This Hostel Management System is developed in favor of the hostel management team which helps them to save the records of the students about their rooms and other things. It helps them from the manual work from which it is very difficult to find the record of the students and the information about those ones who had left the hostel years before.
* This solution is developed on the plight of the hostel management team, through this they cannot require so efficient person to handle and manage the affairs of the students in the hostel, all you need to do is to login as administrator and you can see the information of all the students who have obtained and registered their hostel form, click verify to ascertain their eligibility and allocate them to the available hostel.
* Identification of the problems of the existing hostel management leads to the development of computerized solution that will be compatible to the existing hostel management with the solution which is more users friendly and more GUI oriented. We can improve the efficiency of the hostel management, thus overcome the drawbacks of the existing management.

LIBRARY MANAGEMENT SYSTEM

* A library is a place where a huge collection of books and resources are available which can be accessible by the users. It acts as a brain for the institutions. It enhances the dissemination of knowledge and spiritual civilization among the students. The tons of books and research works are captivating the students to improvise their knowledge in all perspectives. It guides the students to promote their views differently.
* This knowledge optimizes the student to achieve a better result in academic as well as personal skill development. Improvisation in technology causes the demand for developing a way to enhance the traditional library set up to digital one. Numerous tedious processes reduce the efficiency of the library. For example, it always needs manual support to do any activities in the traditional library.
* The count and details of books are scribbled in the paper for reference. Each data is fetched in the notebook for future citations. To examine any data then they have to refer the notebooks. At the same time while distributing the books to the students they have to enter into the notebook where they need to represent the book id, distribution and renewal date, and student id.
* The librarians/staff have to assign a tag for each book and provide an id for it. They have to align and arrange the books on the shelves and marked it. Missing or theft of the book builds a serious issue and confusion to the librarians. While collecting the book from the students they have to verify the penalties of the books. Therefore, it causes a monotonous among the staff. Consequently, it builds an uninteresting among the student due to the slow progress of the staff. To evoke the library into the technological era, we presented a system called the Library Management System. It is an automatic system that reduces the work burden of the staff/librarians through a single click.

**HARDWARE REQUIREMENTS AND SOFTWARE REQUIREMENTS**

HARDWARE REQUIREMENTS

* Hard Disk :- 500 GB
* RAM :- 8 GB
* System :- Intel Core I3 Processor.
* Monitor :- Standard LED Monitor.
* Input Devices :- Keyboard

SOFTWARE REQUIREMENTS

* Operating System :- Windows 10
* Languages :- Java
* Technologies :- NetBeans IDE 8.2
* Data Base :- My SQL

**FEATURES**

UNIVERSITY MANAGEMENT SYSTEM

* Student & Faculty Login
* University Login
* Change UserName and Password
* Student Information
* Add New Admission Student University
* Student Details
* View Student Details
* Update Student Details
* Delete Student Details
* Student Admission Cancel Details
* Faculty Information
* Add New Admission Faculty
* Faculty Details
* View Faculty Details
* Update Faculty Details
* Delete Faculty Details
* Faculty Admission Cancel Details
* Course Information
* Add New Course
* Delete Course Details
* Subject Information
* Add New Subject
* Subject Details
* View Subject Details
* Fees Information
* Add Student Fees
* Fees Details
* View Fees Details
* Update Fees Details
* Payment Information
* Faculty Payment Details
* Employee Payment Details

HOSTEL MANAGEMENT SYSTEM

* Hostel Login
* Hostel Information
* Add New Admission Student Hostel
* Student Details
* View Student Details
* Delete Student Details
* Room Information
* Add New Room
* Room Details
* Change Room Details
* Update Room Details
* Employee Information
* Add New Employee
* Employee Details
* View Employee Details
* Update Employee Details
* Delete Employee Details
* Employee Cancel Details
* Student Leave Information
* Student Leave Application

LIBRARY MANAGEMENT SYSTEM

* Book Information
* Add New Book
* Book Details
* View Book Details
* Update Book Details
* Issue Book Information
* Add Issue Book
* Issue Book Details
* Add Return Book
* Return Book Details
* Statistics