**INTERNAL MARK ASSESSMENT SYSTEM**

**ABSTRACT**

Internal Mark Assessment System is used to store the details of students, students marks and department details. The goal of this project is to create a system that will capture IA marks, calculate final marks and print reports for display on notice board. This software is used to view the stored data and also used to print the report of student details and marks.

HOD and Principal also like to see these marks hence a multi user system that will allow each faculty to enter marks from her/ his room and other to view should be of value to college. A faculty typically keeps records of marks of each internal exam in an excel file so it will be easy to manage with help of system.

Internal Mark Assessment System is essential for an institution or to a college or to a department, which utilizes computer, also which reduces manpower. It Reduces time spam to calculate the marks and it generates automatic grade based on their marks. overall Department and courses are managed through admin.

The rapid advancement in this application is to view the details of students marks distribution through intranet and Internet. System should be fully automated. System should provide concrete security features like creating and managing department and courses to user of the system. This project is developed using HTML frame work as front-end **Python** as a server side and **MySQL** as a back-end.

**SYSTEM CONFIGURATION:**

**Hardware Configuration**

Processor : Core i3

RAM : 2GB

Speed : 1.3GHz or above

Hard Disk : 250 GB

I/O Devices : Standard Keyboard & Logitech Mouse

**Software Configuration**

Front-End : HTML

Client-Side : JAVASCRIPT

Server-Side : PYTHON

Back-End : MYSQL

Browser : IE 6.0 or Later, Firefox, Chrome

**SOFTWARES USED:**

APACHE SERVER 2.2

PYTHON 2.7

MYSQL 5.1

**SYSTEM STUDY AND ANALYSIS:**

**Existing System**

The Current system is as mentioned earlier very complicated and expensive as compared to the new system. It also wastes the precious time of the faculties which can then be used in solving student queries and helping them improvise.

**Existing system has some limitations that said as follows:**

* At present keeping records is manual.
* Large no of records is required
* Lacks of security
* Calculation takes more time
* Chance for getting error is more

**PROPOSED SYSTEM**

Taking into account the shortcoming of the existing system, a new computerized system was proposed with PYTHON as front and MySQL as backend. High speed and ease of use are the main features of the proposed system.

The proposed system allows acceptance of details of each student and to store it in a database. It prevents unauthorized access. By using the system we can record the course details, batch details, subject details, internal mark details, attendance details.Using the system we can easily search the details of particular student. We are providing the help facility for accessing in a user-friendly manner.

**ADVATAGES OF THE PROPOSED SYSTEM**

* To reduce the paper work
* To reduce complexity error
* Maintain security
* Avoid redundancy
* Giving accurate information
* User friendly
* Automatic updating , searching of records are made possible
* Enables to view large volume of data in short time