**ABSTRACT**

Now a days it is essential to assess our knowledge at regular time intervals . it is better if we have a platform where we can not only learn a subject but also assess it by taking quiz. In this project we tried to give all material related to a subject such as its syllabus, video modules, lecture notes. It also provides the student to evaluate the understanding level by taking quiz. To evaluate the performance over a period of time we are storing marks of each quiz in our database.

The whole process of assigning test and evaluating their scores after the test, was done manually till date. It is very time consuming. Also it is difficult to keep the answer sheets being generated as well as the maintenance of the record of each examination. The chance of loss of records is high and record searching is difficult. Result processing takes more time and the presence of more invigilators is a must if there are more number of students to write the exam.

Here the students can learn and assess themselves and their scores are recorded and maintained in the database which saves time and improves confidence in students as they assess themselves whenever they want.

**1. INTRODUCTION**

Online quiz is being launched because a need for a destination that is beneficial for both instructors and students. Students can download and share materials for particular subject, can give exams and view their results. This site is an attempt to remove the existing flaws in the manual system of conducting exams.

**1.1 Purpose:**

Our project “A Self learning Platform” fulfills the requirements of the teachers to conduct the quiz online. Only Instructor can add the materials and quizzes for all subject and also can put a notice if they want to display any information.

Students can give exams without the need of going to any physical destination. They can view the result at the same time.

Thus the purpose of this site is to provide a system that saves the efforts and time of both the teachers and students.

**1.2 Scope:**

The SELF LEARNING PLATFORM is to replace the existing systemwith a software solution. This system is accessed through Internet by hitting the URL provided by the organization. And the users who want to use this application should be registered with their details. This system allows both new and old users. And then he has his own user id and account. Then he will be treated as a member of the site and allowed to use the system by reading and giving exams there by assessing himself.

**2. SYSTEM ANALYSIS**

**2.1 Existing System**

Teaching , conducting exams and assessing student often involves lots of paper work, sheets and other manual data entry tasks. There is also little visibility among the guides and student as to what the status of each test is during the course of a semester.

Nowadays many web sites are there like NPTEL, MIT Course, Coursera and Udacity etc.

**2.2 Proposed System**

The SELF LEARNING PLATFORM is to replace the existing systemwith a software solution. This system is accessed through Internet by hitting the URL provided by the organization. And the users who want to use this application should be registered with their details. This system allows both new and old users. And then he has his own user id and account. Then he will be treated as a member of the site and allowed to use the system by reading and giving exams there by assessing himself.

SELF LEARNING PLATFORM

To overcome the problems in the existing system the proposed system is able to track the overall students tasks and saves each team student's time.

**DISCUSSION FORUM**

To overcome the problems in the current messaging system the proposed system provides a discussion form feature integrated in to the teamwork network to keep a running record of all conversations held by members of registered users.

Provides the following features.

* Faster processing.
* Maintaining all information regarding a particular subject.
* Better accuracy in learning a subject.
* Fast retrieval of Information.
* Easy to use and learn.
* Self evaluation.
* Statistics to check the progress.

**Module List**

1. Student or instructor registration

2. Member login & password

3. Add Material

4.Add Notices and Display

5. Quiz

6. Discussion forums

7. Display Result statistics

**3.2.2. Hardware interface**

**Hardware Requirements:**

* Processor:: Pentium-III (or) Higher
* Ram:: 64MB (or) Higher
* Cache:: 512MB
* Hard disk:: 10GB

**3.2.2 Software Requirements:**

* Technology : Java and J2EE
* Web Technologies : HTML, CSS, JavaScript
* Database : Mysql
* JDK Version : JDK1.5
* Server : Tomcat5.5