**E-Resource Technology**

AIM:

“E-Resource Technology” is education based website/software, helping students to get all resources & study materials of every courses available. It uses “E-Book” facility. It is reliable & time efficient approach compared to all links of the website provided by any search engine while searching for course materials.

It also provide the facilities to ask questions and discussion forum. Anyone having some doubt or queries related to their study can ask question the solution is solved by the website registered professors and mentors.

Existing System:

This process is manual system. This system does not provide materials to the student properly .There is no Online queries and answers .There are no discussion forums for student and professor. There is no guidance to the students.

Proposed System:

To provide official & legal links of the website from which user (student) can download resources & study materials of relevant course. Only accessible after registering to that specific website.

Getting associated with professors of esteemed institutes & colleges.

To provide interaction between professor & students (users).

Getting associated with well-known publication house so as to students can access soft copy of books published for future use.

Modules:

* Administrator
* Professor
* Mentor
* Publisher
* Student
* Security & authentication (Registrations)
* Reports
* Queries

USERS OF THE SYSTEM:

* Administrator
* Professor
* Student
* Mentor
* publisher

Administrator:

* Secure registration of users.
* Maintain the details of users like professor, student and mentor.
* Registering users like professor, mentor and publisher.

Professor:

* Preparing the material about students
* Getting associated with professors of esteemed institutes & colleges
* Solve the student Queries give the solutions for that Queries.
* Discuss with students about their problems through chatting.

Mentor

* Give the guidance to the students.
* Solve the queries from students.
* Send queries to professors if they can’t get the solution for particular problem

Student

* Student can download the material.
* If they any doubts about their subject related they have to post the queries and get the answers.
* They have discuss with professors through chatting with their problems related to subject.

Publisher

* He can view the Materials uploaded by professor.
* They want to publish it based on the professor requirements.

Queries

* It contain total queries information and solutions

Security & Authentication:

* Registrations for students, professors, employees and student parents.
* View lists of students, professors, employees.
* Users Login, logout.
* View personal Profiles, Update profiles.
* Change Passwords.

Reports:

* Admin must be able to data in reports in excel sheets.
* Reports should be elaborate for all the users.

Software Requirements:

* Operating System : Windows or Linux
* User Interface : HTML, CSS
* Client-side Scripting : JavaScript
* Programming Language : Java, Servlets , JSP
* IDE/Workbench : My Eclipse 8.6
* Database : Oracle 10g,11g
* Server Deployment : Tomcat 6.x
* Browser : IE, Mozilla, Chrome