Managing university defined Study material by using Online Portal

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ABSTRACT

E-learning system is very much popular in today`s digital era due to which one can easily get access to the required information or knowledge. Due to online learning there are several solutions to a single problem is available as the internet has grown in the largest manner. Even the online learning is changing the load of traditional classrooms. E-learning provides an integrated environment where access to particular information can be found at one place in various forms. The proposed technique is for creating an E-learning system with an integrated environment for students of higher education. So that, they are able to get access to an appropriate solutions for the particular question asked in an university examination. The system will provide free access to the study material for students simply by logging in. This will be creating an integrated library for each subject and create model answer section for questions related to the subject. This will help student to learn subject easily, the question and their answer that can be asked in the university examination.

Keywords: Raspberry pi, USB camera, motor driver, motor, LCD display, road side speed sign controlling

I. INTRODUCTION

In today`s digital era online education is not a big deal. There are several online courses started by govt for the online learning of students. Due to internet a large no. of information can be available of particular subject. Where as integrated environment if designed there are less chances of confusion about the subject. According to the syllabus designed by the university examination, and the question paper set, model answers section is designed which will make it easy for the students to get extraordinary knowledge of the syllabus.

This system will make students available with complete information about the subject. The syllabus will be covered completely in the question answer section. The study material includes syllabus, question papers, model answer paper, video lecture, E-books etc.

This system is designed using technologies such as Bootstrap, CSS and PHP. The database used is Mysql to store the login ID of the users and their data. This technologies will make an integrated environment that will contain information in several formats.

II. PROBLEM STATEMENT

To create a database that will manage study material, the system is created of sections such as question paper, model answer, E-books, semester-wise subject differentiation. Basically, this will provide the students all the study material of higher education at one place. So that it will be easier for them to study

without any confusion as there are several solutions are available online for a single solution.

III. LITERATURE REVIEW

Title 1 : Implementation of E-learning on full stack concept

Author: Nitish Kumar, Chaitali Alhat, Rupali Bachhav

Description : The designed system provides materials in different formats. It can be in the form of videos, pdf etc. Their purpose is to provide an open free course which provides access to the material after the registration process is completed. This system focuses on interactive learning between the students and the proffesors.

Title 2: Open educational resource : opportunities and challenges for Indian higher education.

Author : Dr. Indrajeet Dutta

Description : This paper gives information about the opportunities and challenges for Indian higher education related with open educational resources. This paper gives the detailed information about the several online courses started by the govt. such as NMECIT, NKN, SHAKSHAT, NPTEL, EKLAVYA, OSCAR E-GRID etc. This papers says that the opportunities can be increased as students can hear the lectures from international proffesors.

Title 3 : Role of consortia for effective use of e-resources in Higher education : A practical approach in Indian liabraries.

Author: Sunil Goria

Description : This paper says that in the last decade the liabraries of higher education and the research institutes are using the e-resources. In consortium mode, one can be able to access the journals in Indian libraries using e-resources. This paper focuses on increasing use of e-resources.

Title 4: A behavioural approach to modelling Indian children`s ability of adopting to e-learning environment.

Author : Yogesh Deshpande , Samit Bhattacharya, Pradeep Yammiyavar

Description: This paper focuses on analyzing the ability of children`s for adopting e-learning environment in comparison with traditional classrooms. Online learning can be an additional tool for the school environment to get more knowledge about the particular subject.
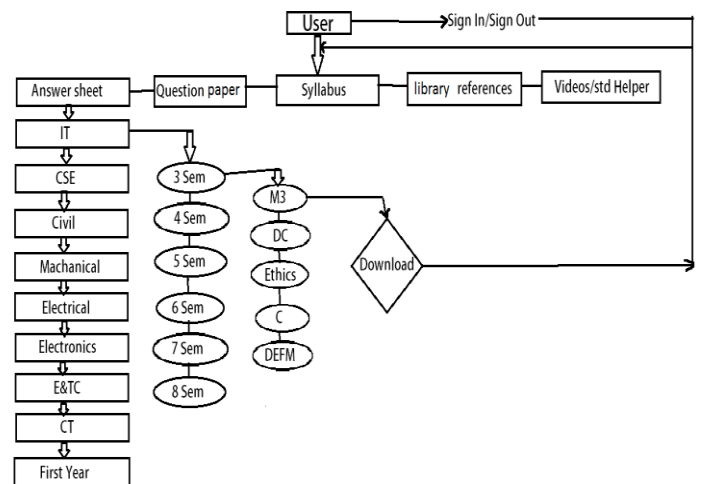
IV. PROPOSED SYSTEM

The proposed system will be a beneficiary product for the students of university and will get a complete access to all the material related to their syllabus designed by university.

The system is designed using Bootstrap, CSS and PHP. Mysql database is used for storing the login ID as well as the data of the user. The system will allow students for complete study of subjects due to the question answer section is available. Question papers will be available on the subjects along with their model answer.

The designed system contains information in different formats. It will also contain information in the form of video lectures and e-books. The system is branch wise and semester wise separated according to the university.

Data Flow Diagram:

V. CONCLUSION

In this work, after login the study material will be available for the students. This is a beneficiary product for the students. University syllabus will be available on this website along with related material such as question answer set, video lectures, model answer, e-books, notes.It will help the students for complete learning of subjects designed by university. Due to E-learning one can access this information form anywhere at anytime.

VI. REFERENCES

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Cite this article as :