A Study on Intelligent Contents for Virtual University

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Abstract:

Many believe that electronic distance learning education transform higher education, saving money and improving learning quality. So, the open University, which teaches around 280,000 students at a distance, is examining the adaption of its distance teaching methods for the internet. But, there are only one type of distance learning education of one way direction. To understand all of a student which selected some of e learning course, teacher must check that how many student to understand and what is the difficult problems. Without checking this condition, It will be a very difficult and boring distance learning course. In this paper, we introduce of intelligent learning contents of full duplex direction that teach understanding student and not understanding student. The computer simulation results confirms that full duplex e learning system has been proven to be much more efficient than one way direction which not considering about understanding problems.

Key words: Electronic distance learning , one way direction, full duplex direction

1. Introduction

Usually, unlike case that take class in school and acquire unit, can use internet and receive education service that correspond to academic curriculum. Cyber university enforced started from 23 years ago, but now it is communicating with contents of virtual university all over the country. And it was new access method of knowledge, and get affirmative estimation in meaning that give benefit of education to more people [1-2].

It is enforcing cyber university already in the world as well as our country each nation, can studied Design, administration, computers, chemistry, and physics. If this Cyber University is successfully operated, it does not need school bag anymore, and go running into lecture room hurry up for attendance. Cyber universe which can easily understand the lecture only press the couple of mouse click or keyboard button if you have a computer and internet any where, any place, anytime. Development of information technology of communications could supply more various and more quantity's knowledge and skill to more education consumers without restriction between time and place [3-5].

In the real classes, lectures and tutorials can be delivered on-line to a widely dispersed community of learners, using full broadcast and interactive audio facilities to complement the animated visual presentations. A wide range of features are included, one of those being the participants ability to raise their hands and be given control of the microphone to make a point or ask a question.

But, there are only one type of distance learning education of one way direction [6-8].

To understand all of a student which selected some of e learning course, teacher must check that how many student to understand and what is the difficult problems. Without checking this condition, It will be a very difficult and boring distance learning course. In this paper, we introduce of intelligent learning contents of full duplex direction that teach understanding student and not understanding student.

This paper is organized as follows: Section 2 We briefly explain the problem of conventional classes. Section 3 presents the blending e learning study. Section 4 We describe full duplex e learning solution. Finally, Section 5 will give conclusions.

2. Blend learning method

Cyber university which can be easily understand by simply press the mouse click or clicking the by keyboard button if you will. It can study Design, administration, computers, chemistry, and physics. If this Cyber University is successfully operated, it does not need school bag anymore, or No people to be running into classrooms late for attendance. Cyber university which can easily understand the lecture only press the couple of mouse click or keyboard button if you have a computer and internet any where, any place, anytime. Development of information technology of communications could supply more various and more quant
ity's knowledge and skill to more education consumers without restriction between time and place.

Broader uses of the term, blended learning suggest an even more sophisticated and useful approach: that of considering a wide range of traditional and e learning delivery modes to educate a learner/learners.

A computer and internet anywhere, any place, anytime. Development of information technology of communications could supply more various and more quantity's knowledge and skill to more education consumers without restriction between time and place.

Specially, information technology of communications and education gave birth to new style off Cyber University(Virtual university) in higher education field.

It is true that many people complain about Cyber University, because it has many problems because it is just begin.

Therefore, it must to research that develop the new brand learning style of cyber university offered full duplex understanding system.

Finally, it must solve the problems of cyber university.

Fig.1 shows that teacher must determine how many students are understanding the course and student can ask a question in the teacher on line in the E distance learning using e-Learning test.

The purpose of establishing virtual university consortia is to not to engage students in online learning: it is to increase access to higher education, enlarge the college-going population, promote economic development, and so on.

Online learning is a means to achieve those goals.

Consequently, we centered our attention on assessing how well today's models are achieving those goals.

Instructors are family with an infrastructure that supports both instructor and students occupying the same classroom, and with most instructional delivery taking place while they are all present. This same text book same time delivery system is currently the norm and few instructors are familiar with other types of delivery.

In this paper, we outlines changes in infrastructure that are frequently necessary when one breaks from the traditional same textbook same time model. Not all of these are applicable to all implementations of distance independent education.

In this paper, we hope that it will serve that an instructor must tackle in moving from the same textbook/ same time model to various forms of distance independent education.

We can further break down classroom activities in terms of the direction of communication and level of different understanding (such as beginners and expert). In order to know, how many student to understand to in the distance learning course using fig. 2.

![Fig 2. RF E-Learning sensor](image)

Fig 2. RF E-Learning sensor

```html
<html>
  <head>
    <script language="JavaScript">
      function check() {
        var search = document.location.search.substring(1);
        return document.writeln("Your score:");
        result = search.indexOf("Q1:3")
        if (result != -1) {
          document.writeln("Question 1 Correct Answer:<br>
          score += 20"
        } else document.writeln("Question 1 wrong Answer:<br>
          score += 20"
        )
        result = search.indexOf("Q2:1")
        if (result != -1) {
          document.writeln("Question 2 Correct Answer:<br>
          score += 20"
        } else document.writeln("Question 2 Wrong Answer:<br>
          score += 20"
        )
        document.writeln("Your score:<br>
          < b > + + s c o r e + + < / b >
        )
        score = 0;
      }
    </script>
  </head>
  <body>
    <h2>american History Test</h2>
    <form name="f" target="_new">
      <p>There are 10 States in the America.</p>
      <p>There are 10 States in the America.</p>
      <p>There are 10 States in the America.</p>
      <p>There are 10 States in the America.</p>
      <p>There are 10 States in the America.</p>
    </form>
  </body>
</html>
```

Fig 1. E- Learning test using Full duplex method

3. Full duplex e learning
4. Simulation

To understand all of a student which selected some of e-learning courses, teacher must check that how many student to understand and what is the difficult problems. Without checking this condition, it will be a very difficult and boring distance learning course.

In this paper, we introduce of intelligent learning contents of full duplex direction that teach understanding student and not understanding student. Fig 3 shows how to send a e-learning condition who understanding course level. Also, these full duplex system takes advantage of benefits that is expected to make a positive contribution to solving information inequality, and understanding student and misunderstanding student as follows.

![RF sensor for scoreboard](image)

5. Conclusion

With the continuous progress of the digital age, the distance education has been taking on in the world. People have changed their life style, demanding more information not only from their work but also their leisure activities. Electronic distance learning education course gene rally require more autonomous learning ability than more traditional courses because there is less interaction between course participants. The ideal objective of the distance learning education should be to provide more quality educational services to education should be to provide more quality educational services to education consumers regardless time and space limitations.

Offering computing by distance education suffers from a number of problems. Foremost among them being the difficulty of student and teacher communication. Other problems with distance education are caused by mis understanding student and one way direction of e-learning method.

Today's virtual university technology allow instructors to design distance learning courses that employ all the methods used in traditional classroom and more.

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