E-LEARNING BIOLOGY FOR SPM STUDENTS

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ABSTRACT

E Learning has become a main tool in nowadays education. Students or teachers are now able to grab all the information about the subjects they had learned or taught via web as long as they can acces to the services. This project titled " E Learning Biology For SPM Students " will give the focus to SPM science stream students that took Biology as their elective subject. The tools that had been used are HTML,Active Server Page,Microsoft Access,JavaScript and Flash application. The purpose of this web application is to assist the students to improve their understanding of the selected topic and enchance their interest towards this selected subjects.The main features of this web application is *Makmal Maya* which may involve a lot of user involvement in each virtual activities that had been provided. A lot of benefits can be gained through this web application instead of providing an enjoyable of learning Biology as well as it provides an interactive learning.

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CHAPTER 1 BACKGROUND OF E LEARNING BIOLOGY FOR SPM VIA WEB APPLICATION

1.1 Introduction to E-Learning Biology For SPM

Due to recent technology advances, an increasing number of applications have been ported to the Web at rapid pace. Through a Web interface, the students are not only learning the lessons anywhere at any time but also overcoming the limitation imposed by time and space. In addition, using the interactive learning system, students may able to communicate with the instructors interactively via the mechanisms provided, and the teachers can timely edit the course materials by writing the content of text and recording the audio files in response to the students' requests very easily.

The recent innovation of Internet computing and the World Wide Web has provided a ready-made infrastructure for supporting increased student numbers in using web applications and more flexible methods of teaching. Besides that, the Web supports the delivery of information to the distributed locations in a user-friendly and visually attractive way. However, the base functionality of the Web is limited primarily to provide information, in a similar way to a textbook.