**WEB-BASED TIMETABLE**

**(A CASE STUDY OF COMPUTER SCIENCE DEPARTMENT)**

**BY**

**ABAYOMI PELUMI MOSUNMOLA**

**13/69/565**

**ADESOGBON OLUWATUNMININU R.**

**13/69/0549**

**AWOYEMI TEMITOPE MARY**

**13/69/0547**

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**CERTIFICATION**

This project titled Web-based Timetable by Abayomi Pelumi Mosunmola, Adesogbon Oluwatunmininu R., Awoyemi Temitope Marymeet the regulations governing the award of the National Diploma in Computer Science of Moshood Abiola Polytechnic, Abeokuta and is approved for its contribution to scientific knowledge and literary presentation.

**MRS. MISTURA ALARAN**

Supervisor’s Name Signature & Date

**MR. KOLA AYANLOWO**

Head of Department Signature & Date

**DEDICATION**

This project is dedicated to Almighty God for His harry and yonder over me his child. Glory be to God in the highest for making us to complete the National Diploma in peace and not in pieces.

This project is mostly dedicated to our one and only parents, Mr. and Mrs. Abayomi, Mr. and Mrs. Adesogbon, Mr. and Mrs. Awoyemi who has been our financial support through our schooling days in Moshood Abiola Polytechnic.

This project is also dedicated to our friends and colleagues who through them We have acquired more knowledge through moral teaching and lots more.

**ABSTRACT**

The production of a timetable for courses and exams in an academic institution is a periodic activity, the frequency of which depends on the institution: yearly, semi-annually, or quarterly. A timetable must satisfy all the hard constraints and as many soft constraints as possible. Timetable construction is one step in timetable production.

Since it is a very complex activity, the use of software helps carrying it out. In this article, we propose to analyze timetable construction from a broader point of view. We will consider the full range of timetable production activities from data gathering and data input to time table delivery, including construction. We analyzed the information flow required for timetable production. It led us to understand the characteristics of such systems. Timetable production can be automated by using databases, a Web site, and timetable construction software. We propose a generic architecture of a timetable production system for courses.

We would developed that architecture around two fundamental qualities of software development: openness and extensibility

Technology makes lifestyle easier by providing better support to different systems, better accuracy, better security options, easier maintenance, etc. Now a day’s technology eventually means “computers” which is the greatest achievements of last century. Day by day computers are being more and more popular because of its features like ease of work, ease of learning, greater accuracy with the least time consumption and the last but not the least i.e. ease of maintenance with cost effectiveness. So as a part of these ongoing evolutionary approach traditional systems are being computerized to make them more fruitful than ever.

Web-based Timetable is an automated system which generate time table according to the data given by the user. The main requirement of the application is to provide the details about the branch, subjects, no. of labs, total no. of period and details about the lab assistance. Then the application generates the time table according to your need

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