



ABSTRACT

The study assessed the influence of education management information system on the administration of public secondary schools in Zone B Senatorial District Benue State of Nigeria. The study was guided by four objectives with four research questions and hypotheses. The research design used for this study was the descriptive survey research design. The total population of the study consisted of 1,665 subjects obtained from all the 55 public

INFLUENCE OF EDUCATION MANAGEMENT INFORMATION SYSTEM ON THE ADMINISTRATION OF PUBLIC SECONDARY SCHOOLS IN ZONE B SENATORIAL DISTRICT BENUE STATE NIGERIA

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INTRODUCTION

Information is an indispensable resource for any firm and it should be managed in an efficient way. It assists managers to take right decisions associated with a particular situation as well as plan. Today, which we call information age as many technological developments have been experienced; the biggest risk that an organization could take is to stay insensitive to change. Many significant factors such as continuous developments in information technologies, information exchange, increasing expectations of the society, modern managing perceptions and applications cause organizations all over the world to develop new applications in order to survive (Demir, 2013). Because of their priority in modern societies, Information Technologies have reached a state of high priority in education, too. The information needs of modern organizations in this regard have become quite enormous and challenging to the extent that every institution needs to pay great attention to how information is gathered, stored, disseminated and utilized. Nothing moves without



secondary schools. The sample size of the study consisted of 333 respondents. The instrument was validated and it yielded 0.90 as the validity index. The instrument was pilot tested and the reliability index of 0.74 was obtained. Descriptive statistics of mean and standard deviation were used to answer the research questions while chi-square statistic was used to test all the hypotheses at 0.05 level of significance. The major findings of the study indicated that Admission Management System has significant influence on the administration of public secondary schools in zone B senatorial district Benue State Nigeria, Attendance Management System has significant influence on the administration of public secondary schools in zone B senatorial district Benue State Nigeria, Examination Management System has significant influence on the administration of public secondary schools in zone B senatorial district Benue State Nigeria and Financial Management System has significant influence on the administration of public secondary schools in Zone B Senatorial District Benue State Nigeria. The study recommended among others that the Benue State Teachers' Service Board that is responsible for promotion of teachers into administrative positions in secondary schools should subject teachers to be promoted to administrative positions to undergo practical test on the use of Admission Management System so that those that will occupy the administrative positions in secondary schools will endeavor to use the module for effective conduct of admission activities in the secondary school system.

Keywords: EMIS, Administration, Attendance Management, Admission Management and Financial Management.

information and it is generally believed that information is power and that he who has it has power. It is an important resource needed to develop other resources. Changing circumstances and environments have necessitated the need for the proper dissemination of information at various levels of management. Therefore, the development and use of management information systems (MIS) is a modern phenomenon concerned with the use of appropriate information that will lead to better planning and administration, better decision making and better results.

There is no universally accepted definition of Management Information System (MIS) and those that exist reflect the emphasis and perhaps prejudices of their authors. However, the term management information system can be seen as a database management system tailored to the needs of managers or decision makers in an organization, schools in this regards. A management information system is generally thought of as an



integrated, user-machine system providing information to support operations, management control and decision-making functions in an organization. Management Information System (MIS) is a computer based system used by managers for planning, organizing, executing, decision making, monitoring, control and evaluation of their operations efficiently. Management Information System (MIS) Facilitates effective communication. Management Information System (MIS) refers to a system that uses the information required by the organization's management and school administrator in this regards at every level in making operational, tactical, and strategic decisions. Its main objective is to design and implement procedures, processes, and routines that provide suitably detailed reports in an accurate, consistent, and timely manner. A Management Information System (MIS) is a subset of the overall internal control of business covering the application of people, documents, technologies, and procedures by management accountants to solve business problems such as costing a product, service or a business-wide strategy. Management Information Systems are distinct from regular information systems in that they are used to analyze other information systems applied in operational activities in the organization or school. Management information systems (MIS) are information systems which are interconnected mechanisms or apparatuses that are used to gather, process, analyse, accumulate and readily distribute information that is vital for management functions, processes and decision-making. In the context of management, these processes will include planning, organising and controlling computer software that is used to retrieve data as well as store it in a conveniently accessible form. Management Information System (MIS) plays a very important role in organizations, institutions, industries and a company ensures the right information is delivered at the right time to the right person to satisfy the organizational needs. It reduces manpower, quality cost, complexity, errors and saves time. Those applications help administrators and managers in controlling the organizational functions, management planning and risk management. The effective decision depends on availability of information; thus, the main purpose of Management Information System is to provide right information to support the administrators to handle all activities and tasks. Management Information System is a computerised database generated from and is used to manage an enterprise (Tinio, 2013). Introduction of management information systems (MIS) to schools have caused significant changes in roles and working styles of administrators (Telem, 2019). Management information system has the potential to manage the information and provide it to the heads in every department within the school. Gathering information comes through processing data showing that data is the original source that can be suitable for usage or process. Hence the Management Information Systems (MIS) captures data from different sources accurately, processes it fast and stores it to make the access easier. Management Information Systems can be applied to education or school system as Education Management Information System (EMIS).



According to Stephen and Cummings (2009), Education Management Information System (EMIS) is concerned with gathering statistics from schools, following people, models, methods, procedures, processes, rules and regulation. Education Management Information System (EMIS) is a system for organizing information base in a systemic way for the management of educational development. It is an information centre in the ministry of education responsible for collecting, processing, analysing, publication, rendering information services for users of educational information (Lusy, 2014). Education Management Information System (EMIS) is responsible to give a substantial aid in the efforts made to assess the performance of education system and monitor closely the equitable distribution of resources. Education Management Information System (EMIS) takes active part in providing information to top administrative activities such as, deployment of teachers, students performance and assessment and internal efficiency of the education system, resources, allocation and distribution of materials to schools. Education Management Information System (EMIS) is an organized group of information and documentation services that collect, stores, processes, analyzes and disseminates information for educational planning and management. The Nigerian Educational Management Information System (NEMIS) maintains that Education Management Information System (EMIS) is a database used to support the effective management of educational system as a whole and of students in particular. Education Management Information System (EMIS) therefore is a process used to provide the basis of monitoring the effectiveness and efficiency of an educational system at all levels (Haiyan & Herstien, 2003). The modules or component of Education Management Information System that this study will focus on are; (i) Admission Management System (ii) Attendance Management System (iii) Examination Management System and (v) Financial Management System.

The Admission Management System (AMS) is a digital tool that helps educational institutions manage the student admission and enrollment process effortlessly. It lets admission teams capture student inquiries, check their eligibility, follow-up, collect documents, and complete the application process digitally. The admission management system also allows students to apply online, check their application status, submit documents and pay fees online. Needless to say that the admission cycle is long and cumbersome. From student lead generation, document collection, selection, and admissions – everything involves a lot of paperwork. Digital solutions for admission management such as applicant and self-serve application portals make the admission process easy. Whereas, Attendance Management System (AMS) is used to collect and analyse attendance information in order to check whether the individual student's attendance to classes can satisfy the regulations of the schools. Attendance Management keeps track of hours spent by students in the school. It is the system used to document the time the students come to school and the time they close from school. While an



examination management system (EMS) is a software that's been developed to manage the entire examination process. It covers all the activities that are related to examination management, right from receiving enrolment and examination forms, to the processing of exams, printing, distribution, and statistical reports (Pravie, 2020). It also provide a means for recording the student's continuous assessment grades and other scores to meet the school's day to day assessment needs and the statutory requirements education. Examination management system automates the examination process to facilitate good and timely decisions, take time and stress off faculty, and improve communication between faculty, students and parents. And lastly, a financial management system (FMS) is the software the school uses to manage assets, income and expenses. A Financial Management System performs various functions: reducing accounting errors, maintaining audit trails and ensuring compliance with applicable accounting standards. Financial management system is a database module of Education Management Information System is a comprehensive account system which helps to cope easily with the requirements of managing an educational budget. It is equally effective in organizing day to day transactions of the school as it supports the overall strategic financial plan of the school. It provides information about the financial situation of the school.

Administrators should have a clear understanding of their roles and other roles expected of them. This will help them to know where, how and when to apply the use of Education Management Information System (EMIS). Education Management Information System provides school administrators and managers with the information required to manage schools efficiently and effectively. Education Management Information System are being used by school administrators and managers to support a range of administrative activities such as financial management, staff allocation, timetable, attendance monitoring, clocking in and out, reporting, assessment records and resources. Education Management Information System has managed to ease the task of administrators, teachers, staff and others through a multi-function platform (Syifa, 2019). The nature of management information system has completely changed, reporting has become more online and real time is linked to business at point in time. Therefore, organizations as well as institutions such as schools need to take the new changing in Management Information Systems into consideration for increasing administrative efficiency.

School administration according to Abraham (2013) is the coordination of the human and materials resources within the school for the achievement of the predetermined objectives of education. School administration also involves managing, administering the curriculum and teaching, planning, discipline, evaluation and examination, staff personnel administration, financial management, students' personnel administration, record management, maintenance of facilities among others (Akinola, 2013). The administration of secondary school has a broad complex function. This complex function emanated from



the fact that the school system activities generate a wide range of records and reports, which has to be kept. Well processed and appropriately utilized to facilitate the process of effective school administration. Such records include accounting, auditing, budgeting, credit and collection, school enrolment records, staff record and a whole lot of other records and statistics that grow out of the operational activities of the school system, including the forces that influence human behavior in the school organization. The school is an institution of learning saddled with the responsibility of implementing educational policies and actualizing the goals of education. This cannot be realized without effective administration of the school. At the secondary tier of education, the principal is the chief administrator of the school who perform multi-roles and discharges administrative and managerial tasks in a modern and dynamic manner.

In more recent times, the performance of the school system has come under heavy criticism. Others talk of the performance of the school administrators in terms of having adequate control of the teachers and other school system personnel. Sometimes, these school administrators are accused of not knowing what to do or not having the right and adequate information and at the right time to enhance their administrative process. Poor performance of the Nigerian school system particularly in public secondary schools in Zone B senatorial district, Benue State is an age-long issue. These problems could emanate from inability of the administrator to inquire, inform, persuade or entertain, problems resulting from poor administrative capacity for information management. Incompetence by administrators can lead to accumulated delay, poor quality and productivity, resources mismanagement and difficulties in decision-making. Innovation in science and technology and the growing complexities in the world today demands administrators who can with the aid of modernized management information system handle information management process properly in the schools to meet their information needs. Management Information System is designed to assist managers in performing their work through an organized and most effective mode of information collection, processing, storage and retrieval model. Modern management information system is a network of computer-based processing procedures that are integrated with manual and other processes to provide timely, effective and efficient information to support managerial planning and control. As part of the effective administration process, a good educational administrator organizes, plans, project, and forecast, determines standards for and controls the educational institution or system for which he provides timely reports to the controlling management boards and ministries. Functionally, the administration of secondary schools today require administrators that can carry out a structural set of operations in form of objective definition, by policies, designs and development of functions and definition of appropriate operation and tasks to achieve those objectives through the functions, definition and forecasting. Such structured tasks



can only be effectively carried out if the management process is adequately supported by a system of organized information processing, storage and retrieval information system. According to Ikediugwu (2016), good school administrator must carefully and effectively handle educational resources particularly money, material and machines including computers, teaching technology and internal facilities put under their custody for proper management of fund. With these various function of the school administrator, Okon, Ekaette and Ameh (2015) asserted that there is no doubt that secondary education in Nigeria has become more complex over the years with concomitant management demands being exerted on the principal especially in today's Information and Communication Technology (ICT) era. Such management and administrative demands can only be carried out effectively through administrative process that is characterized by the use Education management information system (EMIS) in the areas of organized data processing, information storage and retrieval system among others. It is the application of modern technologies and computerized methods imputing, processing, storing and retrieving educational/school information for effective administration. The use of Education Management Information System (EMIS) in educational administration has rapidly increased due to its efficiency and effectiveness. School administrators who used to spend large amount of time in solving complex allocation problems (e.g., staff allocation, resource allocation, timetabling) and monitoring the school operations have now have better options due to enhanced technology. Management Information System facilitate the decentralization of work tasks and their coordination in an interactive network of communication in real time. They allow for greater flexibility and networking that emphasizes interdependence, interaction, and constant adaptation to an ever-changing environment (Castells, 2001). Management information system (MIS) as opined by Madiha (2013) is being used by schools to support a range of administrative activities including attendance monitoring, assessment records, admission records, reporting, financial management, and resource and staff allocation.

Statement of the Problem

It is believed that school principals who are the chief administrative officers are on the front line to ensure a smooth and accountable administrative process in the school. Personal observation of the researcher revealed cases of poor school administration which are as a result of delay in processing admission, delay in processing students' results, poor students attendance monitoring and admission of new students, inability to identify students who default payment, misplacement of vital financial records, falsification of staff personnel records, wear and tear of school records due to fire outbreak, among others in public secondary schools in Zone B senatorial district, Benue State. These challenges perhaps may be as a result of the inability principals' who are the chief administrators to utilize management information system to enhance smooth and



uninterrupted administrative activities in their respective schools. For example, most public secondary school principals are more acquainted with the manual records in keeping student and financial records like continuous assessment, admission records, attendance records and school fee payment respectively. For instance, in 2009 there was a case of fire outbreak in Government Day Secondary School, Akaajima, Gboko Local Government Area of Benue State where documents were burnt and other valuables lost. Records such as financial and academic records that were lost in the process could not be recovered because there were documented manually and kept in wooden cabinets but maybe the case should have been different if such records were stored in a database. The researcher observed that many principals in secondary education are not conscious in the use of Education Management Information System facilities (EMIS) such as computers, laptops and other electronic device to ensure efficient administration of school and students records. It is against this premise that this study was designed to investigate the influence of Education Management Information system on the administration of public secondary schools in Zone B senatorial district, Benue State, Nigeria.

Research Questions

This study answered to the following research questions:

- i. How does Admission Management System influence the administration of public secondary schools Zone B senatorial district of Benue state, Nigeria.
- ii. How does Attendance Management System influence the administration of public secondary schools in Zone B senatorial district, Benue state, Nigeria.
- iii. How does Financial Management System influence the administration of public secondary schools in zone B senatorial district, Benue State, Nigeria.

Objectives of the Study

The main objective of the study was to examine the influence of Management information system on the administration of public secondary school in Zone B Senatorial District of Benue State. While the specific objectives include:

1. To examine the influence of Admission Management System on the administration of public secondary schools in zone B Senatorial district Benue state Nigeria.
2. To examine the influence of Attendance Management System on the administration of public secondary schools in Zone B senatorial district Benue State Nigeria.
3. To ascertain the influence Financial Management Information System on the administration of public secondary schools in Zone B Senatorial District, Benue State, Nigeria.



Statement of Hypotheses

The following formulated hypotheses were tested at 0.05 level of significance;

Ho₁ Admission Management System has no significant influence on the administration of public secondary schools in zone B senatorial district Benue State Nigeria.

Ho₂ Attendance Management System has no significant influence on the administration of public secondary schools in zone B senatorial district Benue State Nigeria.

Ho₃ Financial Management System has no significant influence on the administration of public secondary schools in zone B senatorial district Benue State Nigeria.

Methodology

The study assessed the 'Influence of Education Management Information System on the Administration of Public Secondary Schools in Zone B Senatorial District Benue State Nigeria. The study was guided by four objectives with four research questions and hypotheses. The research design used for this study was the descriptive survey research design. The total population of the study consisted of 1,665 subjects obtained from all the 55 public secondary schools. The sample size of the study consisted of 333 respondents. The instrument was validated and it yielded 0.90 as the validity index. The instrument was pilot tested and the reliability index of 0.74 was obtained. Descriptive statistics of mean and standard deviation were used to answer the research questions while chi-square statistic was used to test all the hypotheses at 0.05 level of significance.

Data Presentation and Analysis

Three research questions were raised and answered using mean and standard deviation. The details of the results are presented on tables 1 to 3 below:

Research Question One: How does Admission Management System influence the administration of public secondary schools Zone B senatorial district of Benue state, Nigeria?

Table 1 Mean and Standard Deviation Showing Responses on the Influence of Admission Management System on the Administration of Public Secondary Schools

S/N	ITEMS	SA	A	D	SD	Mean \bar{X}	Std. Dev. 6	Decision
1.	The use of admission management system by school administrators will save parents and students the time and cost of coming down to the school to apply for admissions.	210	97	20	6	2.55	0.75	Agreed



2.	The use of admission management systems by school administrators will help students and parents to make admission enquiries online instead of coming down to school.	70	206	30	27	2.50	0.70	Agreed
3.	The use of Management Information System by school administrators will assist in recording Admission grades and results faster.	200	105	12	16	2.65	0.68	Agreed
4.	Students and parents can check admission status online with the use of Admission Management Information System.	110	200	10	13	2.60	0.80	Agreed
5.	The use of Admission Management System by school administrators will help Students admission data to be stored and accessed online at any time.	100	199	15	19	2.70	0.77	Agreed
Cluster Mean						2.60	0.74	Agreed

Scale Mean 2.50

Table 1 revealed that item 1 has the mean value of 2.55 with standard deviation of 0.75 item 2 has the mean value of 2.50 with standard deviation of 0.70, item 3 has the mean value of 2.65 with standard deviation of 0.68, item 4 has a mean value of 2.60 with standard deviation of 0.80 while item 8 has a mean value of 2.70 with standard deviation of 0.77. The analysis of research question 2 showed that the cluster mean of 2.60 is above the scale mean of 2.50. It therefore means that the respondents agreed that Admission Management System positively influence the administration of public secondary schools in Zone B senatorial District of Benue State, Nigeria.

Research Question 2: How does Attendance Management System influence the administration of public secondary schools in Zone B senatorial district, Benue state, Nigeria?

Table 2: Mean and Standard Deviation Showing Responses on the Influence of Attendance Management System on the Administration of Public Secondary Schools

S/N	ITEMS	SA	A	D	SD	Mean \bar{X}	Std. Dev. σ	Decision
6.	School administrators and teachers will be eased of the stress of marking attendance if students use an optical marker or swipe card.	146	156	12	19	2.60	0.71	Agreed



7.	Using an optical marker or swipe card by school administrators and teachers to mark attendance will prevent errors in attendance records.	80	213	25	15	2.58	0.79	Agreed
8.	Parents can easily monitor their wards since they can be automatically notified through an SMS when their wards sign present or absent in school.	200	96	19	18	2.66	0.60	Agreed
9.	Truancy can be easily detected when an Attendance Management System is used by school administrators.	186	111	16	20	2.70	0.61	Agreed
10.	School administrators and teachers can formulate attendance reports automatically, using an Attendance Management System.	121	166	25	21	2.77	0.58	Agreed
Cluster Mean						2.66	0.65	Agreed

Scale Mean 2.50

Table 2 showed that item 6 has the mean value of 2.60 with standard deviation of 0.71, item 7 has the mean value of 2.58 with standard deviation of 0.79, item 8 has the mean value of 2.66 with standard deviation of 0.60, item 9 has the mean value of 2.70 with standard deviation of 0.61 while item 10 has the mean value of 2.77 with standard deviation of 0.58. The analysis of research question 3 revealed that the cluster mean of 2.66 is above than the scale mean of 2.50, it therefore means that Attendance Management System positively influence the administration of public secondary schools in Zone B Senatorial District, Benue State, Nigeria.

Research Question 3: How does Financial Management System influence the administration of public secondary schools in zone B senatorial district, Benue State, Nigeria?

Table 3: Responses on the Influence of Financial Management System on the Administration of Public Secondary Schools Using Mean and Standard Deviation

S/N	ITEMS	SA	A	D	SD	\bar{X}	Std. Dev.	Decision
							6	
16	The use of a Financial Management System will help school administrators in keeping account of all financial transactions.	180	110	19	24	2.80	0.88	Agreed



17	School administrators can use Financial Management System to monitor and control payments in the school.	75	201	30	27	2.68	0.77	Agreed
18	School fees payment will be faster and easier using a Remita Online Payment gateway.	186	99	22	26	2.75	0.68	Agreed
19	It will be easier for school administrators to monitor expenditure using a Central database	99	196	20	18	2.66	0.72	Agreed
20	Financial information stored in a storage device by school administrators will be safer and secured.	198	91	21	23	2.73	0.65	Agreed
Cluster Mean						2.72	0.74	Agreed

Scale Mean 2.50

Table 3 showed that item 16 has the mean value of 2.80 with standard deviation of 0.88, item 17 has the mean value of 2.68 with standard deviation of 0.77, item 18 has the mean value of 2.75 with standard deviation of 0.68, item 19 has the mean value of 2.66 with standard deviation of 0.72 while item 20 has the mean value of 2.73 with standard deviation of 0.65. The analysis of research question 4 showed that the cluster mean value of 2.72 is more than the scale mean of 2.50, this therefore implies that there is positive influence of Financial Management System on the administration of public secondary schools in Zone B Senatorial District, Benue State, Nigeria.

Testing of Hypotheses

All the null hypotheses were tested using chi-square statistic at 0.05 level of significance. The results are presented on table 4 - 6 below:

Hypothesis 1: Admission Management System has no significant influence on the administration of public secondary schools in zone B senatorial district Benue State Nigeria.

Table 4: Chi-Square Statistic showing the Significant Influence of Admission Management System on the Administration of public secondary schools

S/N	Variables	N	DF.	X	Std. dev.	X^2_{cal}	X^2_{crit}	Sig.	Decision
1.	Admission Management System	333	2	2.60	0.74	2.28	0.20	0.05	Rejected
2.	Administration of public secondary schools			2.60	0.74				

Result in table 4 showed the significant influence of Admission Management System on the administration of public secondary schools in zone B senatorial district Benue State



Nigeria. The analysis of hypothesis one revealed that the chi-Square calculated value is 2.28 while the critical value is 0.20. Since the calculated value of 2.28 is above the critical value of 0.20, the null hypothesis was rejected. Hence, Admission Management System has significant influence on the administration of public secondary schools in zone B senatorial district Benue State Nigeria.

Hypothesis 2: Attendance Management System has no significant influence on the administration of public secondary schools in zone B senatorial district Benue State Nigeria.

Table 5: Chi-Square Statistic showing the Significant Influence of Attendance Management System on the Administration of Public Secondary Schools

S/N	Variables	N	DF.	X	Std. dev.	X^2_{cal}	X^2_{crit}	Sig.	Decision
1.	Attendance Management System	333	2	2.66	0.65	2.30	0.20	0.05	Rejected
2.	Administration of public secondary schools			2.66	0.65				

Result in table 5 showed the significant influence of Attendance Management System on the administration of public secondary schools in zone B senatorial district Benue State Nigeria. The analysis of hypothesis two revealed that the chi-square calculated value is 2.30 while the critical value is 0.20. Since the calculated value of 2.30 is higher the critical value of 0.20, the null hypothesis was rejected. Hence, Attendance Management System has significant influence on the administration of public secondary schools in zone B senatorial district Benue State Nigeria.

Hypothesis 6: Financial Management System has no significant influence on the administration of public secondary schools in Zone B Senatorial District of Benue State Nigeria.

Table 6: Chi-Square Statistic showing the Significant Influence of Financial Management System on the Administration of public secondary schools

S/N	Variables	N	DF.	X	Std. dev.	X^2_{cal}	X^2_{crit}	Sig.	Decision
1.	Financial Management System	333	2	2.72	0.74	2.45	0.20	0.05	Rejected
2.	Administration of public secondary schools			2.72	0.74				



Result in table 6 indicated the significant influence of Financial Management System on the administration of public secondary schools in Zone B Senatorial District of Benue State Nigeria. The analysis of hypothesis three showed that the chi-Square calculated value is 2.45 while the critical value is 0.20. Since the calculated value of 2.45 is greater than the critical value of 0.20, the null hypothesis was rejected which implies that Financial Management System has significant influence on the administration of public secondary schools in Zone B Senatorial District Benue State Nigeria.

Summary of Major Findings

The summary of the major findings of the study include:

1. The findings of research question one (table 1) showed that Admission Management System positively influence the administration of public secondary schools in Zone B Senatorial District of Benue State, Nigeria. The findings of hypothesis one in table 4.5 indicated that Admission Management System has significant influence on the administration of public secondary schools in zone B senatorial district Benue State Nigeria.
2. The findings of research question two (table 2) revealed that Attendance Management System positively influence the administration of public secondary schools in Zone B Senatorial District, Benue State, Nigeria. The findings of hypothesis two in table 4.6 indicated that Attendance Management System has significant influence on the administration of public secondary schools in zone B senatorial district Benue State Nigeria.
3. The findings of research question three (table 3) indicated that there is positive influence of Financial Management System on the administration of public secondary schools in Zone B Senatorial District, Benue State, Nigeria. The findings of hypothesis four on table 4.8 demonstrated that Financial Management System has significant influence on the administration of public secondary schools in Zone B Senatorial District Benue State Nigeria.

Discussion of Findings

The findings of the study indicated that Admission Management System has significant influence on the administration of public secondary schools in zone B senatorial district Benue State Nigeria. The findings of the study agreed with Madiha (2014) who concluded that MIS provides administrators and teachers with the information required for effective conduct of admission in Nigerian schools. The Admission Management System (AMS) is a digital tool that helps educational institutions manage the student admission and enrollment process effortlessly. It lets admission teams capture student inquiries, check their eligibility, follow-up, collect documents, and complete the application process digitally. The admission management system also allows students to apply online, check



their application status, submit documents and pay fees online. Needless to say that the admission cycle is long and cumbersome. From student lead generation, document collection, selection, and admissions – everything involves a lot of paperwork. Digital solutions for admission management such as applicant and self-serve application portals make the admission process easy. The finding disagrees with Thompson (2019) who revealed that administrators do not utilize Education Management information system for students' personnel administration in secondary schools by not; allowing students to apply for admissions online, processing students results using spreadsheets software, managing student attendance using spreadsheets software, disseminating information to students and parents through the school website, encouraging teachers to issue home assignment to students using email system and encouraging multi-media instructional delivery using PowerPoint software application. Admission Management System involves everything related to admitting to the school. The process starts with the student application filling. Such application includes all the needed data about the student, his guardian and academic related info. This module also supports admission fees, where the finance unit can set exam fees, and admission fees on the students admitting to school. Also student exams and interviews are managed using this module where grades and results are recorded on the system. The admission cycle ends when the student affair accepts the applicant as a student in the school. Another Importance of School Management Systems is admission management which should help the school administration manage data and reduce the bunch of files and paper used. This feature allows data of every student to be stored and accessed at any time even after they have graduated from the school. The errors caused by human error or duplication would also be avoided.

The findings of the study further indicated that Attendance Management System has significant influence on the administration of public secondary schools in Zone B Senatorial District Benue State of Nigeria. MIS facilities of attendance system are effectively used by administrators to enhance their task performance in Anambra State public secondary schools. The findings of the study confirmed the position of Ogbunde (2019) who ascertained that MIS facilities are highly utilized by secondary school teachers for their task performance in Anambra State public secondary schools. Attendance Management System (AMS) is used to collect and analyse attendance information in order to check whether the individual student's attendance to classes can satisfy the regulations of the schools. Attendance Management keeps track of hours spent by students in the school. It is the system used to document the time the students come to school and the time they close from school. The studies also disagree with Thompson (2019) who revealed that administrators do not utilize Education Management information system for students' personnel administration in secondary schools by not; allowing students to apply for admissions online, processing students results using



spreadsheets software, managing student attendance using spreadsheets software, disseminating information to students and parents through the school website, encouraging teachers to issue home assignment to students using email system and encouraging multi-media instructional delivery using PowerPoint software application. The studies also agrees with Ejimofor (2022) who revealed that EMIS modules in curriculum and instruction, human resource and school-community relations influence the management of secondary schools in Anambra State positively since it reduced the time to do routine tasks such as preparation of exams and students' reports, students' attendance and staff appraisal and communicating with parents and other stakeholders. The attendance management systems (AMS) is necessary for registration and truancy monitoring. The students attendance and absence should be recorded and linked to the attendance standard. AMS collects and analyses attendance information in order to check whether the individual student's attendance in classes can satisfy the regulations of the education ministry of school and produce reports that simplify the monitoring of group and individual attendance pattern. As the attendance data are entered very frequently and on a continuous basis, a number of data entry options can be considered including the use of an optical mark reader (OMR), swipe cards, keyboard entry. The keyboard can be used to perform for groups or individuals and batch entry can be used to record for group of students on special outings. The Attendance Management System records absentees for a specific session or for a given period and attendance record for examination eligibility and scholarships. It also provides information regarding issues of absence notification letter for parents. This helps to provide a number of analysis i.e it can be analysed for the whole school or selected registration group over a range of weeks. Finally, the findings of the study indicated that Financial Management System has significant influence on the administration of public secondary schools in Zone B Senatorial District Benue State Nigeria. The findings of the study concord with Antwi (2019) who submitted that there is a significant impact of management information system on financial management of University of Education Winneba, Kumasi Campus-Ghana. Financial Management System performs various functions: reducing accounting errors, maintaining audit trails and ensuring compliance with applicable accounting standards.

Conclusion

The following conclusions were drawn based on the findings of the study:

The study concluded that Admission Management System helps to enhance the effective administration of public secondary schools in zone B senatorial district Benue State Nigeria.



As revealed by the study, Attendance Management System positively influences the administration of public secondary schools in zone B senatorial district Benue State Nigeria.

Financial Management System has positive influence on the administration of public secondary schools in Zone B Senatorial District Benue State Nigeria.

Recommendations

The following recommendations were made based on the findings of this study:

1. The Benue State Teachers' Service Board that is responsible for promotion of teachers into administrative positions in secondary schools should subject teachers to be promoted to administrative positions to undergo practical test on the use of Admission Management System so that those that will occupy the administrative positions in secondary schools will endeavour to use the module for effective conduct of admission activities in the secondary school system.
2. The Benue state government through the ministry of education should organize regular training for teachers to enable them use the attendance management system to facilitate the effective and successful administration of public secondary schools in Zone B Senatorial District of Benue State, Nigeria.
3. The Benue State's government need to educate the secondary school administrators through conferences on how to use Financial Management System in preparing their schools' budget and payment of staff salary to ensure that the entire financial activities of the school system are done electronically to enhance transparency and prevent any form of financial crime.

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