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Research Article

The Development of an Online Database for Historical Archiving of Primary Sources

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ABSTRACT

Historical primary sources serve as an important historical facts specially for sociologist and historian it helps them to retrieve data easily. It is very difficult to do research, data gathering specially If the data has not been stored in a cabinet or any repository properly, especially if it is being a decade or a century ago. This study will help store all the primary sources in a central database using digital technology, this approach the sociologist and historian can retrieve it easily.

Keywords: Historical Archiving, Primary Sources, Online Database

Introduction

Historical primary sources serve as an important historical facts specially for sociologist and historian it helps them to retrieve data easily but common problems encountered by most researchers is the facility to archive the data that is needed for the historical events that took place a long time ago and the fastest retrieval of data. Even museums sometimes have difficulties in storing important data and artifacts that can be used as primary sources if needed for exhibit and research studies. It is very difficult to do research, data gathering specially If the data has not been stored in a cabinet or any repository properly, especially if it is being a decade or a century ago. The Researcher is proposing to develop an online digital archiving of all primary sources which includes pictures, biographies, and other related literature that can support the conduct of all historical study

stored in a centralized database using digital technology. However, even historians have revealed that most of them preferred to have access to primary sources provided by digitization and have analyzed that it is the easiest way to retrieved data accurately., (Brennan, 2018). But more opportunities and ethical challenges of storing and archiving an important oral history gathering in an online digital environment, (Bradley & Puri, 2016). The researcher will developed a database that can solve the archiving of historical primary sources.

Objectives

1. To determine the issues faced by history dealing with primary sources received from different places.
2. To determine how do they cope up with these issues.

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- To determine Based on the results of this study and what System can be developed to solve their problem in data management, monitoring, and retrieval in primary sources?

Methodology

This is a developmental study that can find solution to the current problem of archiving historical data. The researcher had also uses qualitative study approach in this type of study. The Researcher is proposing to develop an online database that can support the manual archiving of all historical primary sources. The study will be conducted within the selected historical museum here in Zambales.

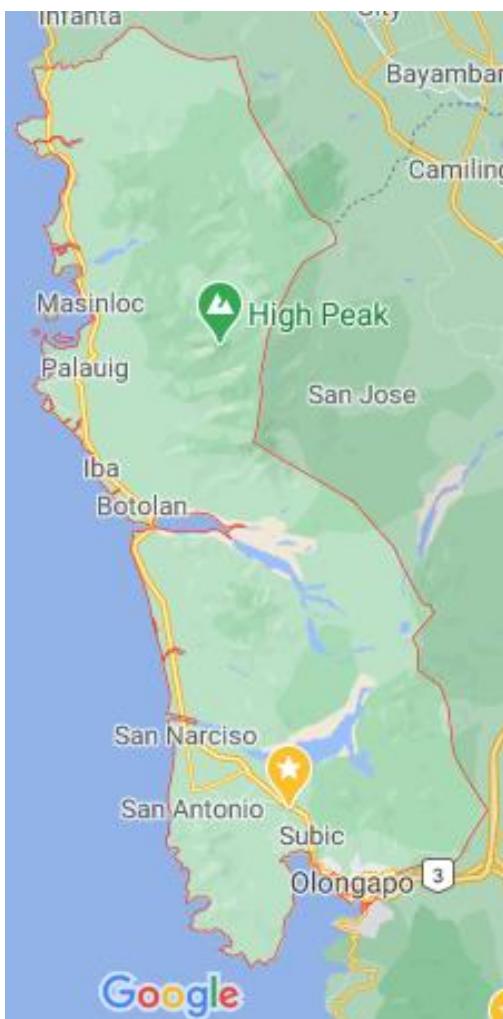


Figure 1. Map of Zambales

It shows where the study will be conducted. The proposed study will be develop using the Waterfall Systems Development Life Cycle Model:

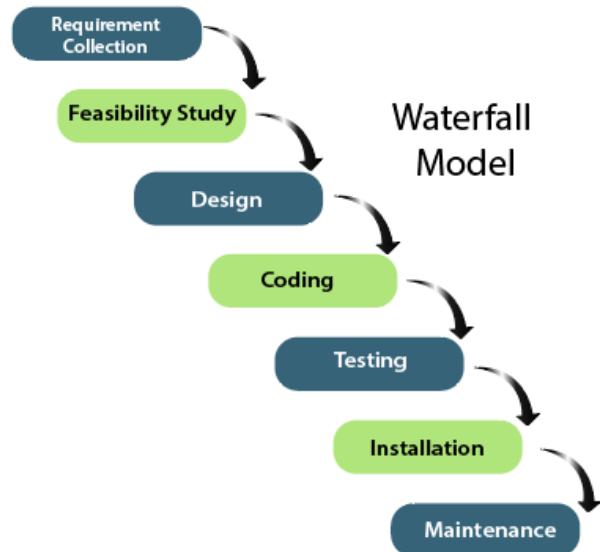


Figure 2. Waterfall Model

Figure 2 shows the step by step process of the development from proposal to maintenance.

The Development Life Cycle Process

- Requirement Collection – This is the process where the required data will be collected coming from the respondents.
- Feasibility Study - The assessment of the proposed study whether it will be push through.
- Designing – The stage where the proposed study will be design and plan accurately by pseudocode and flowchart.
- Coding – The process of using programming language to get the computer to behave as desired.
- Testing – The process where the prototype is been tested to check if the output is working
- Installation – The process where the tested prototype will be installed.
- Maintenance – The stage where the system needs to check the installed system

The Framework of the Proposed System

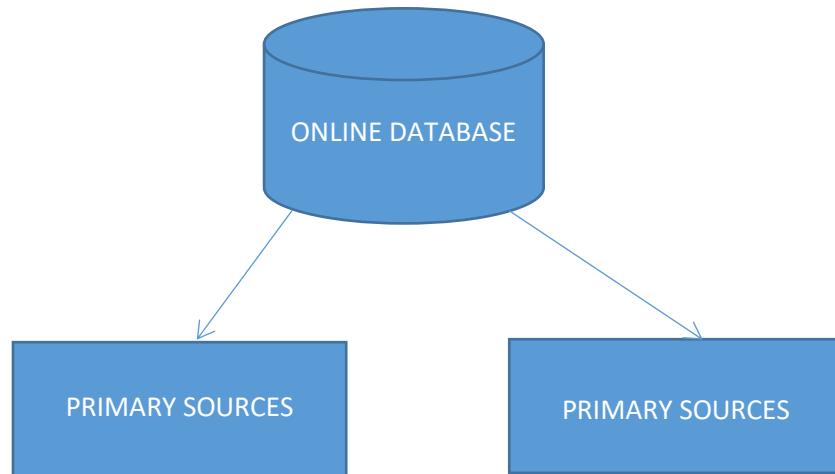


Figure 3. Framework of the Online Database

Result and Discussion

The proposed development of the database framework can help store primary sources in different levels and can retrieve it accurately using the process of data management, monitoring, and retrieval in primary sources. The use of digital books is well diverse which is ranging from casual reading to primary source to be kept in a centralized database server online. digital archiving in an institution is a good approach because it identifies the foremost challenges that still require restoration and securing access to the various skills and capabilities required for digital archiving, (Cunningham, 2008, p. 536).

Conclusion

This is to conclude that the framework that will be developed will be a big help in archiving historical primary sources and using the database can securely archive and can easily be retrieved. It also serves the purpose of showcasing a safe and secured archived by providing reminiscence of the institutions, (Liu, 2008, p. 142).

Recommendations

It is strongly recommended to use the database framework. Future study can still be done to enhance the said developmental study.

References

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