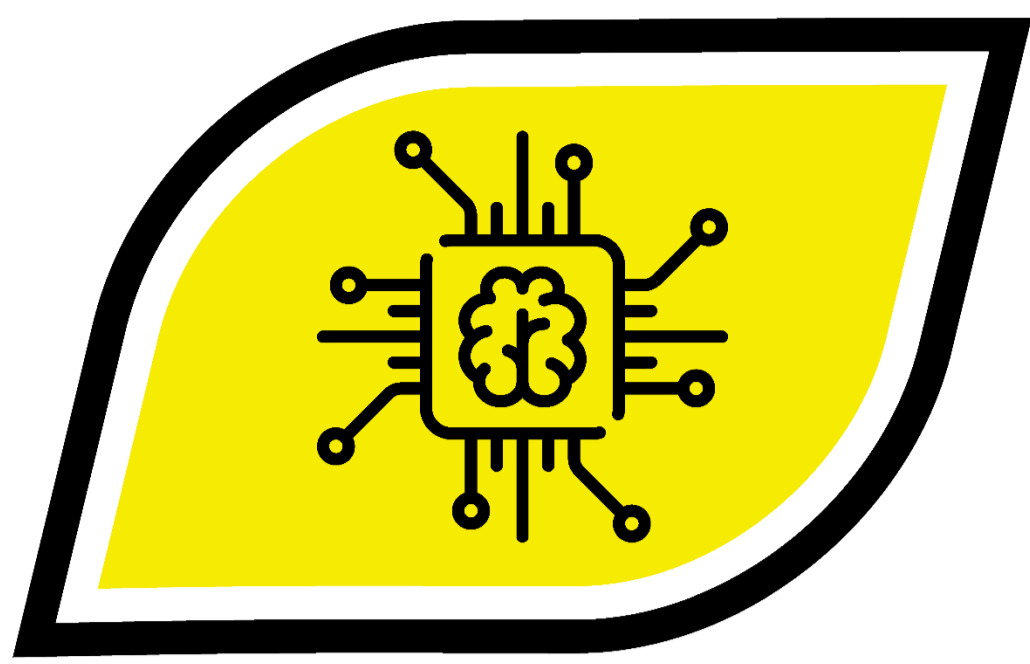


Census Computing System

Ephraim Elisaria Pallangyo and Elvis Emanuel Dahaye

Mzumbe Secondary School



Introduction

Census is the national project set to collect demographic data in the country aiming at having total number of all people, number of people with disabilities for example albinos, being aware on migration, maternal and birth rate, economic activities done by the citizens, standard of life of the people, literacy rate, diaspora. Mainly census aimed to collect data in order To distribute social services equally throughout the nation for example education, health, water supply, as well as electricity.

In Tanzania census is conducted in the interval of 10years.Lastly was conducted in the year 2012 and will be conducted in this year2022.

On the observations in the period of the years (2012-2022) there was no equal distribution of social services between in town, cities and in interior

For example health services and education services .On generating the hypothesis on this problem, the guess causes of these problems were;

- Due to poor collection of demographic data
- Due to poor storage of data collected from census
- Due to inaccessibility to interior
- Due to inadequate fund to distribute social services
- Due to negative socio-cultural beliefs

Method

The following are the procedures used on generating the project;

- Designing a webpage, database and spreadsheet layout
- Enter the respective codes on notepad to get the output of the respective webpages (login page, data collection page)
- Download Xampp
- Install Visual Studio Code
- Install Mysql database
- Enter the respective codes to generate database in Mysql (Visual studio code)
- Link Mysql database with data collection webpage
- Design spreadsheet on Microsoft excel
- Enter data on Microsoft excel of the previous census and the predicted data of 2022census collected from webpage
- Generating charts to compare collection of data with the previous census

Results

DAY2:1stmay,2022

VI.Design spreadsheet on Microsoft excel

VII.Enter data on Microsoft excel of the previous census and the predicted data of 2022census collected from webpage

VIII.Generating charts to compare collection of data with the previous census

The experiment done to test the hypothesis if the poor collection of data as well as storage leads to the unequal distribution of social services

During the experiment there were some challenges we faced such as: inadequate knowledge, time. At the end of experiment at least the plans were achieved

We thought that the project might be complex but we were able to do it.

We wanted to prove that census computing system will be the solution on poor collection of demographic data and storage. Also to save money used to make papers used to collect data on previous census. The predicted data were collected on web stored on MySQL and charts generated in Microsoft excel

Conclusion

In the experiment we learned the new codes which we were not aware of.

Also we learned on generating MySQL database and to link a database with websites

From the experiment of census computing system we learned that MySQL database ensure security of data

Also from the experiment we realize that on the previous census the data were not valid and lead to the unequal distribution of social services due to poor collection of data as well as its storage

References

- w3schools
- Godfrey Pallangyo

Acknowledgments

Supervisor: Mganga Suka

