TOPIC PROPOSAL FORMAT

Project Team Leader: 1. Faderanga Janrey Cyril

Team Member(s): 2.   Pangilinan Kyrah

3.   Santarin Mary Grace

Project Proposal 1:
Mary, Mother of God Parish's Web-based Records and Information Management System:
Event booking, Equipment, and Membership Records

Areas of Investigation:
The area under investigation pertains to the management system utilized by Mary, Mother of God Parish, focusing on event booking, equipment management, and membership records. This system is web-based and likely serves as a crucial tool for organizing various activities and maintaining essential parish data.

Purpose and Description of the Proposed Topic:
The purpose of this topic is to address the need for a comprehensive management system that can streamline the administration of events, manage equipment inventory, and maintain accurate membership records for Mary, Mother of God Parish. The proposed system aims to improve organization, communication, and record-keeping within the parish community.

Main Problem:
The main problem faced by Mary, Mother of God Parish is the lack of an integrated system to manage events, equipment, and membership records. This leads to inefficiencies, such as difficulty in scheduling events, tracking equipment usage, and maintaining up-to-date membership information.

Causes of the Problem:
A. Manual Processes: Currently, many tasks related to event management, equipment tracking, and membership records are handled manually, leading to errors, duplication of effort, and inefficiencies.

B. Lack of Centralized System: There is no centralized system in place to manage events, equipment, and membership records, resulting in data silos and difficulty in accessing information.

C. Limited Communication Channels: Inadequate communication channels hinder effective coordination among parish staff and volunteers, leading to confusion and delays in organizing events and updating membership records.misunderstandings among parish staff and volunteers, impacting the coordination of activities and services.

Effects of the Problem:

A. Inefficiency: Manual processes and lack of integration lead to inefficiencies in managing events, equipment, and membership records, resulting in wasted time and resources.

B. Inaccurate Data: Without a centralized system, there is a risk of outdated or inaccurate information in event schedules, equipment inventory, and membership records.

C. Poor Communication: Limited communication channels contribute to miscommunication and misunderstandings among parish staff and volunteers, impacting the coordination of activities and services.

Target Users/ Beneficiaries:

The target users and beneficiaries of the proposed system include:

Parish administrators

Equipment managers

Membership coordinators

Parishioners

Related Studies/ Projects:

[1] Kurniawan, Y., & Cassandra, C, "Development of Church Information System (A case Study approach)". International Journal of Software Engineering and Its Applications, vol. 8. No. 12, 199- 208, 2014.

[2] Dr. Fubara Egbono, and Chinwe Ndigwe, "Church Choir online communication and music Recording and streaming System". International Journal of Computer Applications Technology and Research Volume 6–Issue 5, 234-241, 2017.

[3] H. Sillitto, P. Godfrey, and D. Mckinney, "Defining " System " : a Comprehensive Approach Defining ' System ': a Comprehensive Approach," no. July, 2017.

[4] R. D. Arnold and J. P. Wade, "A Definition of Systems Thinking : A Systems Approach ScienceDirect A Definition of Systems Thinking : A Systems Approach," no. November, 2015.

[5] K. A. Chhaya Khanzode Raisoni and R. D. Sarode, "Evolution of the World Wide Web: From Web 1.0 To 6.0," Int. J. Digit. Libr. Serv. IJODLS | Geetanjali Res. Publ., vol. 1, no. 62, pp. 2250–1142, 2016.

[6] A. Lawgali, "Traceability of Unified Modeling Language Diagrams from Use Case Maps," Int. J. Softw. Eng. Appl., vol. 7, no. 6, pp. 89– 100, 2016.

[7] Putu Risanti Iswardani, I Wayan Surya Pramana, and Yanu Prapto Sudarmodjo, "Design of Hotel Warehouse Management Information System Based on PIECES Analysis". International Journal of Engineering and Emerging Technology, Vol. 3, No. 2, 2018.

[8] A. Hameed, "Software Development Lifecycle for Extreme Programming," Int. J. Inf. Technol. Electr. Eng. ITEE, vol. 5, no. 1, pp. 7–13, 2016.

[9] Deitel, H. and Deital, B. (1986). An Introduction to Information Processing. ISBN 978-0-12-209005-9. Academic Press. https://doi.org/10/1016/C2013-0-07309-4.

[10] Kamalov, V. (2016). Undersea Fiber Communications Systems. ISBN 978-0-12-804269-4. Academic Press. https://doi.org/10.1016/C2015-0-00778-X.

[11] Brey, P. and Soraker, JH. (2009). Philosophy of Computing and Information Technology. ISBN 978-0-444-51667-1. North Holland.

[12] Sutton, B. (2013). The Effects of Technology in Society and Education. Education and Human Development Master's Thesis.192. https://digitalcommon.brockport.edu/ehd_theses/192

[13] Legg, T., and Johnson, J. (2020). Negative Effects of Technology. Medical News Today. Available at https://www.medicalnewstoday.com/articles/negative-effects-of- technology

[14] Kurniawan, Y. and Cassandra, C. (2014). Development of church information system (A Case Study Approach). International Journal of Software Engineering and Its Applications. Vol. 8. 10.14257/ijseia.2014.8.12.19

[15] Shaibu, M. (2018). Online Church Information System. Research Gate. Available at https://www.researchgate.net/publication/323018933

[16] Bridle, JS. (1989). Probabilistic Interpretation of Feedforward Classification Network Outputs, with Relationships to Statistical Pattern Recognition. Neurocomputing—Algorithms, Architectures and Applications, F. Fogelman-Soulie and J. Herault, eds., NATO ASI Series F68, Berlin: Springer-Verlag, pp. 227-236, 1989. (Book style with paper title and editor)

[17] Olipas, CNP. (2019). The Development and Assessment of An Online Student Affairs System with Short Message Service. International Journal of Scientific and Technology Research. Vol. 8. Issue 12. December 2019. ISSN 2277-8616

[18] Olipas, CNP., and Esperon, R. (2020). The Design and Development of a Cashless Payment System with An Automatic Identification and Data Collection (AIDC) Technology. International Journal of Scientific and Technology Research. Vol. 9. Issue 03. March 2020. ISSN 2277-8616

[19] Crossman, A. (2020). Understanding Purposive Sampling. ThoughtCo. Available at https://www.thoughtco.com/purposive- sampling-3026727

[20] Olipas, CNP., and Villanueva, EM. (2019). Dug-Uhay: A Blood Donor Finder Application. International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-4 | Issue-1, December 2019, pp.757-762, URL: https://www.ijtsrd.com/papers/ijtsrd29678.pdf

[21] Olipas, CNP. And Urmatan, D. (2019). iRubwat: A Disaster Preparedness Application. International Journal of Engineering Applied Sciences and Technology. Vol. 4. Issue 7. ISSN 2455- 2143, Pages 29-3

[22]. P. Bajdor and I. Grabara, "The Role of Information System Flow in Fulfilling Customers' Individual Orders", Journal of Studies in Social Sciences, vol. 7, (2014), pp. 96-106.

[23]. J. L. Whitten, Bentley and D. Lonnie, "Systems Analysis and Design Methods", 7 th Edition. McGraw- Hill/Irwin, New York, (2007).

[24]. J. O'Brien and G. M. Marakas, "Introduction to Information Systems, 15 th Edition, McGraw-Hill/Irwin", New York, (2010).

[25]. C. A. Bolu, "The Church in the Contemporary World: Information and Communication Technology in Church Communication for Growth: A Case Study", Journal of Media and Communication Studies, vol. 4, (2012), pp. 80-94