IT 141

VAXSPACE

Zamboanga Barangay-Based Children's Vaccination System

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BSIT 4-B

Content Outline

Topics for discussion

01 Target Client

02 Solution

03 Alpha and Beta Testing Presentation

04 System Demonstration

05 Question and Answer

Who are the clients?

The target users of the VaxSpace system encompass various stakeholders involved in the child vaccination process, the primary target users include:

1. Parents/Guardians
2. Barangay Healthcare Personnel
3. City Health Office

What is the problem?

Current processes rely heavily on manual and disjointed methods, leading to errors, delays, and a lack of synchronization in information dissemination. Coordination challenges between barangay healthcare personnel and the City Health Office contribute to inconsistent data, making it difficult to monitor vaccine supplies and maintain real-time information. Communication gaps with parents and guardians result in missed immunizations, while limited public health awareness exacerbates community participation challenges. The VaxSpace system aims to address these issues by providing an integrated platform, fostering coordination, improving data accuracy, and enhancing communication to streamline child vaccination management effectively.

SOLUTION

The project, named VaxSpace, is a comprehensive and innovative system designed to address critical challenges in child vaccination management within the context of Zamboanga. This initiative aims to transform and enhance the management and accessibility of child vaccination programs in the region.

Main Objective

The primary goal of this study is to create a vaccine monitoring system tailored for the children of Zamboanga City. This system aims to enable both healthcare professionals and parents/guardians to track and review the vaccination histories of the children

Specific Objectives

- To create a user registration feature that enables parents and guardians to register on the platform, providing personal details for account creation.
- To create a child registration feature that allows parents and guardians to register their children on the system, inputting crucial information for vaccination management.
- To create a module for barangay healthcare personnel in order to manage vaccination records, monitor supplies, and ensure the smooth execution of vaccination activities.
- To create a module for City Health Office in order to allow centralized management of vaccination records and coordination of city-wide activities.
- To create a vaccination schedule feature that displays vaccination schedules, sends notifications to parents, guardians, and healthcare personnel for upcoming immunization dates.
- To create an announcement feature that enables the dissemination of important announcements related to vaccination programs, schedules, and health-related information.
- To create a vaccination supply management that monitors and manages vaccine supplies, ensuring that each barangay is adequately equipped for vaccination activities.
- - To create a report feature that generates various reports, providing insights into vaccination rates, supply levels, and overall system performance.

Alpha and Beta Testing

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SYSTEM DEMONSTRATION

Questions or comments?