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* WVSU
* CICT
* RHUIIS

Text

* Rural Health Unit Immunization Information System
* West Visayas State University
* College of Information and Communications Technology

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* RHUIIS

Text

* RHUIIS
* User Manual

Disclaimer

Text

* Disclaimer
* This project, titled "Rural Health Unit Immunization Information System with Vaccination Demand Allocation, Forecasting, and Scheduling," along with its accompanying documentation, is presented to the College of Information and Communications Technology at West Visayas State University. This submission is in partial fulfillment of the requirements for obtaining the degree of Bachelor of Science in Information Systems. The work presented here is original, except where explicitly indicated.
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Getting Started

Introduction

* The RHUIIS (Rural Health Unit Immunization Information System) with Vaccination Demand Allocation, Forecasting, and Scheduling is the culmination of over three years of continuous improvement. It has been meticulously designed and developed to provide an optimal user experience. The primary goal of RHUIIS is to simplify the immunization process within the Rural Health Unit (RHU) and digitize immunization records. With RHUIIS, we aim to:
  + Enhance the efficiency and accuracy of vaccination record-keeping.
  + Streamline the scheduling of immunization appointments to better manage patient flow.
  + Improve demand forecasting to ensure adequate vaccine supply and reduce shortages.
  + Facilitate easy access to immunization data for healthcare providers, enabling better patient care and follow-up.
  + Support data-driven decision-making and public health planning through comprehensive reporting and analytics tools.
* Overall, RHUIIS is intended to modernize the immunization infrastructure of rural health units, making it more responsive, reliable, and effective in meeting the needs of the communities they serve.

System Requirements

* Desktop Device Recommended Requirements
  + Operating System:
    - Windows: Windows 7 or later.
  + Processor:
    - Intel Core i3
    - AMD Ryzen 3
  + RAM and Storage:
    - Minimum: 4 GB + 128 GB SSD
    - Required: 8 GB + 256 GB SSD
  + Resolution
    - Minimum: 1280 x 720
    - Required: 1920 x 1080
  + Network:
    - Internet speed of 5 Mbps
  + Web Browser:
    - Google Chrome
* Mobile Device Recommended Requirements
  + Operating System:
    - Android 8+
  + Processor:
    - Qualcomm Snapdragon 450
    - MediaTek Helio P35
  + RAM and Storage:
    - Minimum: 4 GB + 32 GB
    - Maximum: 8 GB + 128 GB
  + Resolution
    - Minimum: 1280 x 720
    - Required: 1920 x 1080
  + Network:
    - Internet speed of 3 Mbps
    - 4G LTE Connectivity
  + Web Browser:
    - Google Chrome

Installation Guide

1: Prepare Your Website Files

* Ensure All Files are Ready: Organize your website files (HTML, CSS, JavaScript, images, etc.) and make sure they are complete and ready to be uploaded. If you are using a Content Management System (CMS) like WordPress, ensure you have all necessary files and databases.
* Compress Your Files: For easier uploading, compress your website files into a ZIP archive.

2: Choose a Web Hosting Service

* Select a Web Hosting Provider: Choose a reliable web hosting provider (e.g., Bluehost, HostGator, SiteGround) that meets your needs.
* Sign Up for an Account: Create an account with the hosting provider and choose a hosting plan that fits your requirements.

3: Access Your Hosting Control Panel

* Log In: Log in to your hosting account's control panel (often cPanel or similar).
* Navigate to File Manager: Access the File Manager tool from the control panel. This tool allows you to manage your website files directly on the server.

4: Upload Your Website Files

* Upload the ZIP Archive: In the File Manager, navigate to the root directory (often named public\_html or www). Upload the ZIP archive containing your website files.
* Extract the ZIP Archive: Once uploaded, select the ZIP file and use the Extract function to unzip the contents into the root directory.

5: Set Up Your Database (if applicable)

**If your website requires a database (e.g., for a CMS like WordPress):**

* Create a Database: In your hosting control panel, find the MySQL Database Wizard or Database Manager. Create a new database and a database user, and assign the user to the database with full permissions.
* Import Database: If you have an existing database, use phpMyAdmin (available in the control panel) to import the SQL file into your newly created database.

6: Configure Your Website

* Edit Configuration Files: If necessary, edit your website’s configuration files (e.g., config.php, wp-config.php for WordPress) to update database connection details.
* Update URLs: Ensure all URLs and paths in your configuration files are correct for your live domain.

7: Set Up Your Domain

* Update DNS Settings: If your domain name is registered with a different provider, update the DNS settings to point to your new hosting provider’s nameservers. This can usually be done in your domain registrar’s control panel.
* Wait for DNS Propagation: DNS changes can take anywhere from a few minutes to 48 hours to propagate worldwide. During this time, your website might not be accessible to everyone.

8: Test Your Website

* Check Frontend and Backend: Visit your website’s URL to ensure everything is working as expected. Test both the frontend and any backend systems.
* Fix Any Issues: If you encounter any issues, check error logs and troubleshoot accordingly. Common issues include incorrect file permissions, missing files, or database connection errors.

9: Access Your Website

* Visit Your Domain: Once the DNS has propagated, visit your domain (e.g., http://yourdomain.com) to access your live website.
* Verify Functionality: Navigate through your website to ensure all pages load correctly and that all features (forms, links, media, etc.) are functioning properly.