

VACCINATION / TREATMENT DATABASE SYSTEM



FOR VACCINES & DRUGS

Vaccination Database: Desktop & Web Application

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INTRODUCTION

A Database System to monitor Vaccination/ Medication

We hereby set out to create and maintain a massive secure , robust and efficient online database system (Web Application) which shall be dedicated to keeping track of administered vaccines / medications all over the country/ hospital branches. The system shall keep data like Vaccine / Drug type, recipient details and other relevant administration details for the various vaccines / hospitals. It shall be accessible anywhere by the authorized personnel using an internet connection, and accordingly the right personnel shall be able to edit / manage the data in the system. The security of the data shall be Optimum, with thorough prior testing and proofing. The main project details are included in the subsequent pages.

We welcome aboard Buyers/ Grants / Financial Investments & Partnerships from interested personnel.

For more information, please contact us .



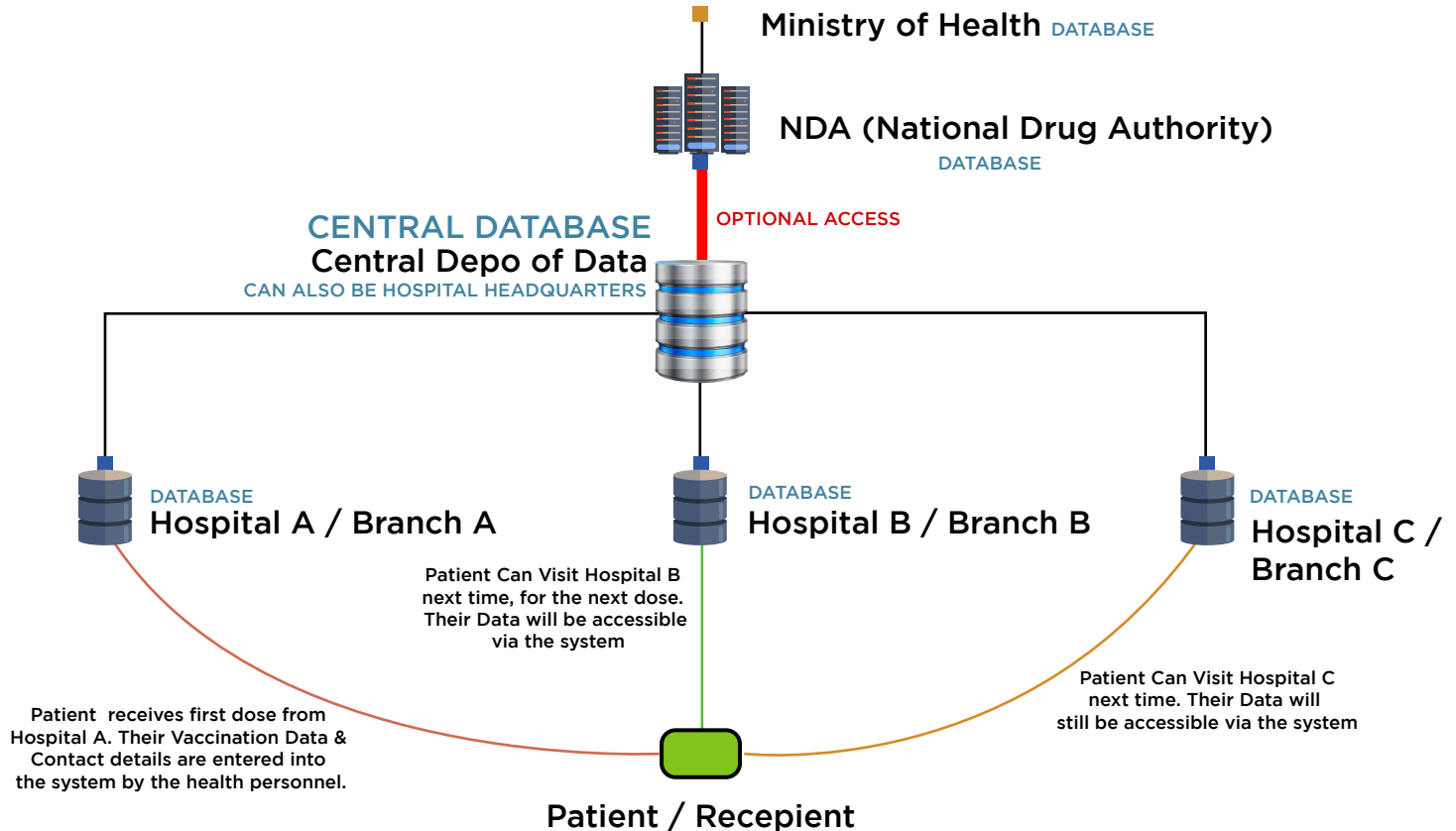
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SYSTEM FLOW DIAGRAM



HOW THE SYSTEM WORKS

Receipient

Desktop at any Hospital



Data is captured (entered by the health personnel) via the web application after administering the vaccine to the receipient.

The data may also be captured offline using Ms Excel and uploaded later into the online database via the web application.



Hospital Database



Data is captured in Hospital Database (Online)



Central Database

A copy of the data is automatically sent by the system to the central Data Depo accessible to other stakeholders

TECHNOLOGIES USED TO BUILD THE SYSTEM

Programming Language

Java , Javascript

Database

Oracle / MySQL/ Postgresql

Cloud Servers

Amazon / Oracle / JVMHost

SYSTEM SECURITY & DATA SAFETY

- Amazon Security Groups
- Java inbuilt robust security (e.g. Play Framework)
- Secure Socket Layer Protection
- Password encryptions

SYSTEM ACCESSIBILITY



- Smart Phone
- Tab
- **PC (desktop)** - Recommended
- Laptop

REMUNERATION / PROJECT COST

ITEM	COST
1. Purchasing Advanced Database security & Web Hosting Services (Up to 1 TB Data Storage Capacity per year)	UgX 20M (Annually) (USD 5,600)
2. System design, development & maintenance: All Technical labor (Aysh Inventions Ltd Production Team)	UGX 80M Annually
3. Medical Consultations / Research	UgX 20M Annually
4. Free Staff training & Technical support for every hospital	
TOTAL	UgX 120M Annually



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