

MEDICATION / VACCINATION TRACKER/ DATABASE SYSTEM

Web & Desktop Application

Proposed Client: Your Hospital

Service Provider: Aysh Inventions Ltd

2021

<https://ugfire.com>

Email: ayshinventions@gmail.com

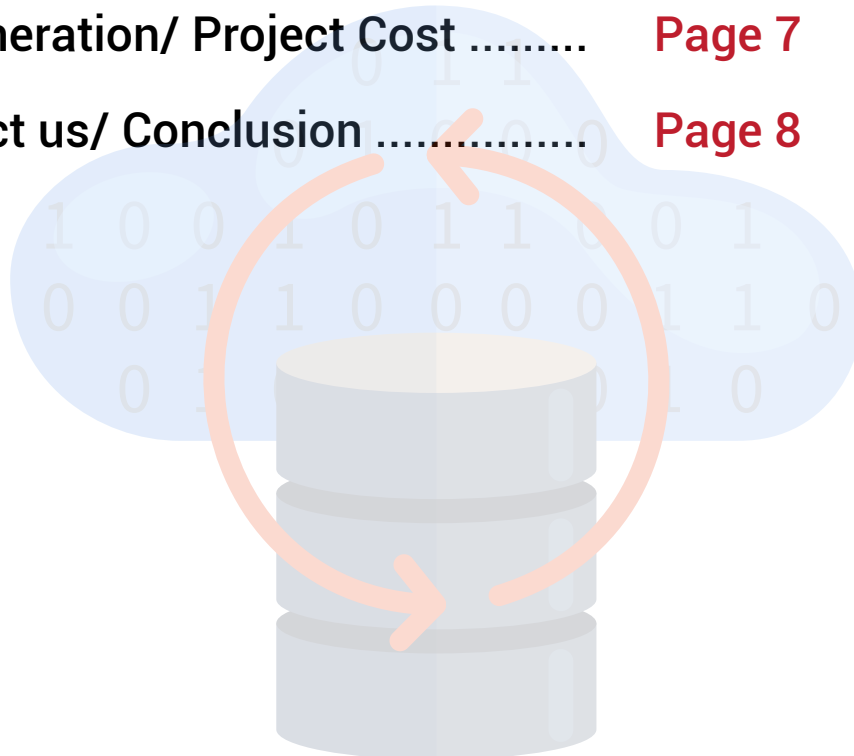
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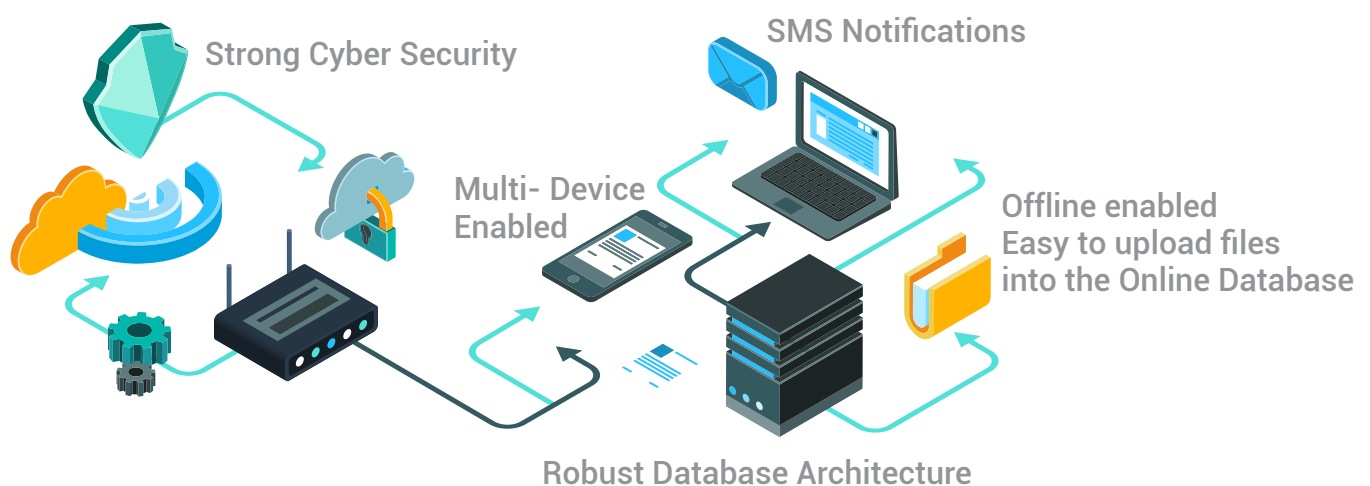
INTRODUCTION

A Database System to manage Vaccination/ Medication

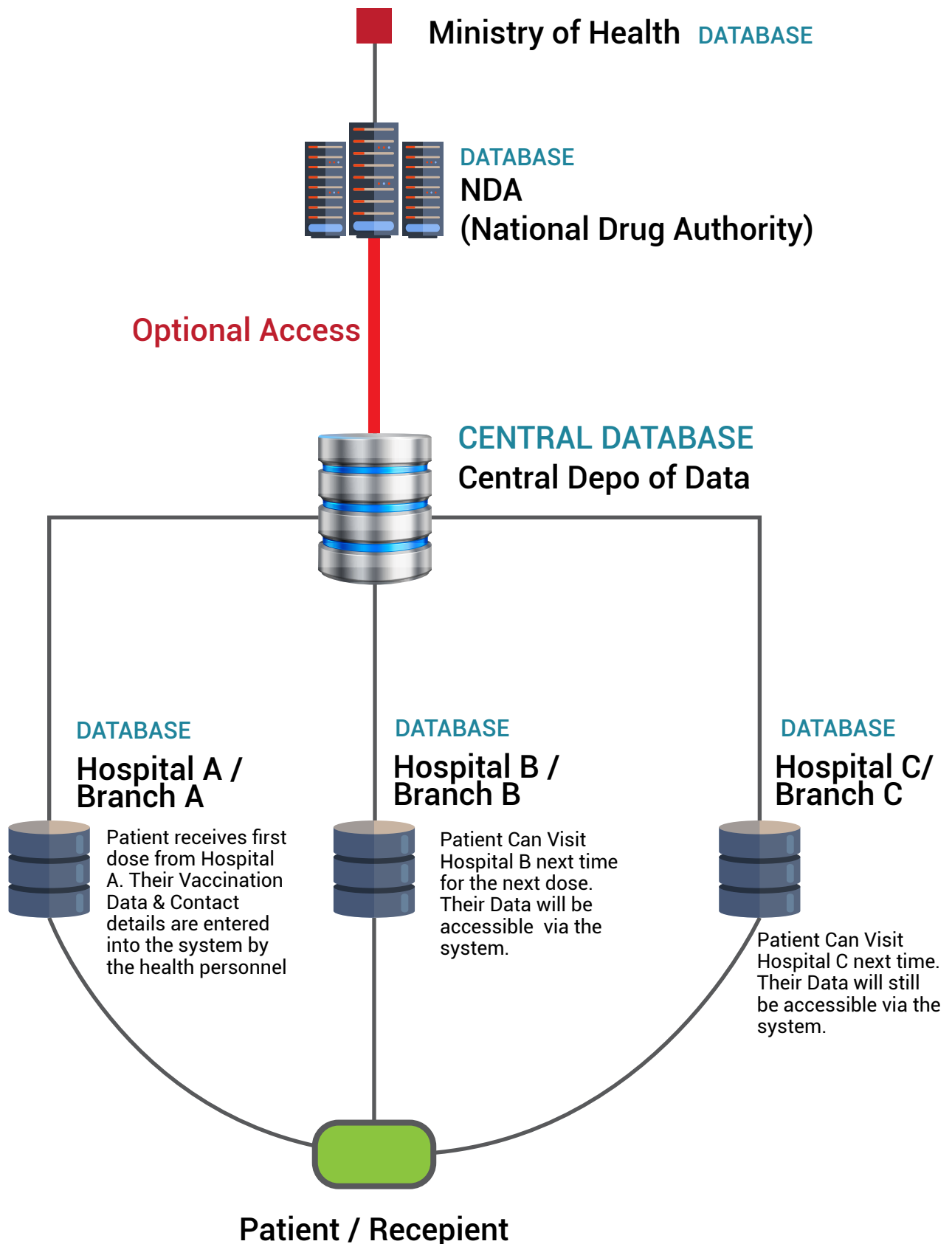
We hereby propose to create and maintain a massive, robust & efficient online database system (Web & Desktop Application) for your hospital, which shall be dedicated to keeping track of administered vaccines / medications all over the country/ your hospital branches. The system shall keep data like Vaccine / 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 system shall also have automatic SMS reminders sent to patients to remind/ alert them of things like their next dose, other vaccinations, and other relevant communications from the hospital.

The main project details are included in the subsequent pages and in the attached draft document..

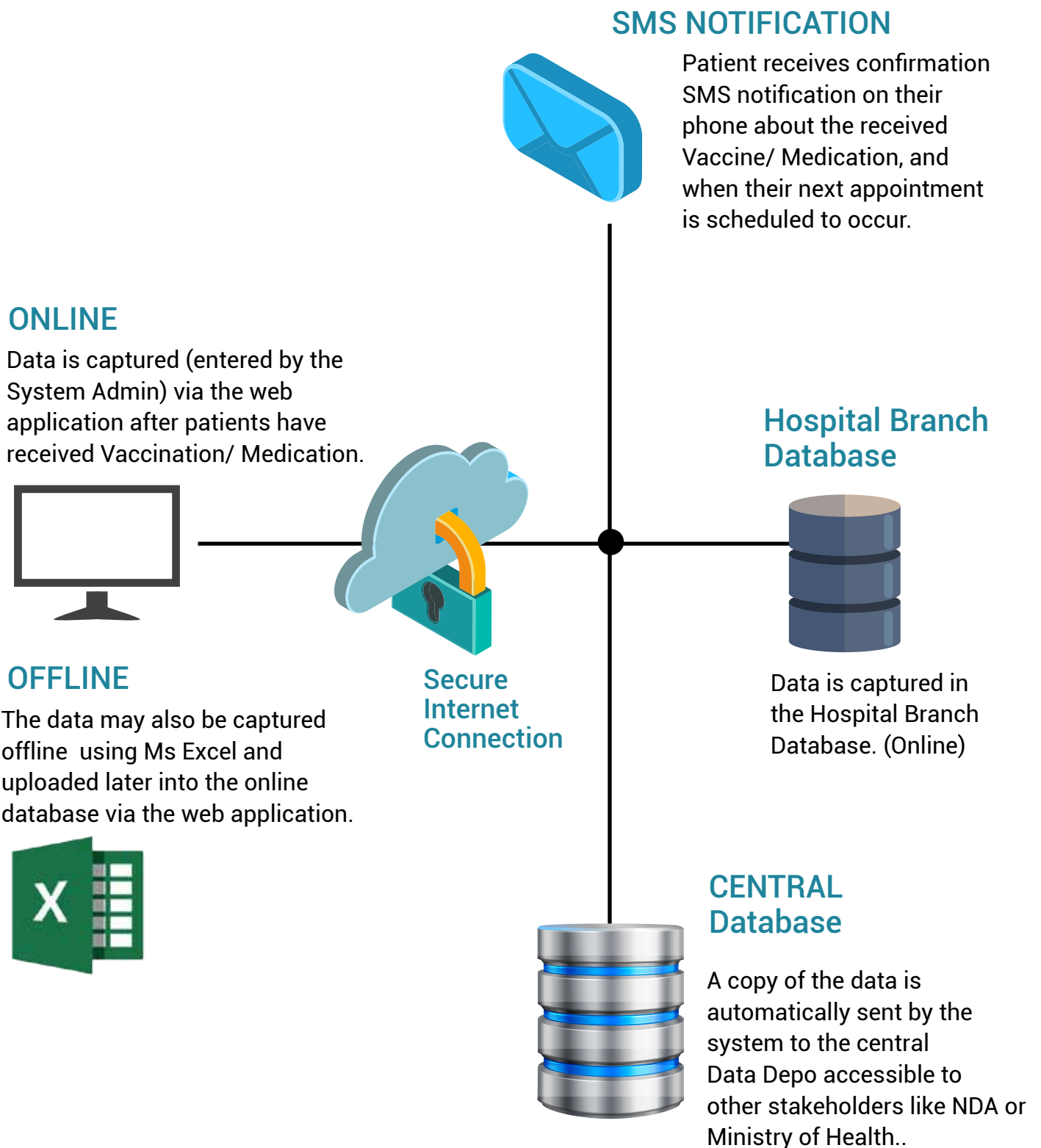
For more information, please contact us .



SYSTEM FLOW DIAGRAM



HOW THE SYSTEM WORKS



TOOLS & PARTNERS

FRONT - END TOOLS

HTML5, CSS

Javascript

Bootstrap 5

Git

JavaFX (optional for desktop app)

BACK - END TOOLS

JAVA

JavaPlayFramework

SBT Build Tool

DATABASES

Oracle Autonomous Database

MySQL Database

CLOUD SERVERS/ HOSTING

Secure Oracle Cloud

SOME OF OUR PARTNER TECHNOLOGIES

TruIT Uganda Limited, Oracle Inc. USA, PlayFramework



SYSTEM SECURITY & DATA SAFETY

LAYER 1

FRONT - END SECURITY

Strong Password Encryption

LAYER 2

BACK - END SECURITY

CSRF Protection using JavaPlay-MVC architecture

LAYER 3

DATABASE SECURITY

Oracle autonomous database security

LAYER 4

SERVER SECURITY

Oracle Cloud Security

REMUNERATION/ PROJECT COST

The remuneration/ project cost shall be as indicated in the draft contract document that includes a detailed breakdown of all the works involved and other details such as project timelines.

Below is a brief summary of the project cost.

ITEM	ANNUAL COST (UgX)
Advanced Database Instances , Cyber Security & Oracle Cloud Services (Up to 10 TB Online Data Storage Capacity & Security annually).	50 Million
Relevant Equipment & Services Procurements for the hospital (Computers, Storage devices, and other equipment indicated in the contract document.	120 Million
System design, development & maintenance/ annual system upgrades & troubleshooting + Legal Assets: All Technical & Non Technical labor (Aysh Inventions Ltd Production Team)	850 Million
Medical Consultations/ Research.	100 Million
Hospital Staff training on technology use & all year Technical support	NIL
TOTAL ANNUAL COST	UGX 1,120 Million

CONTACT US/ CONCLUSION

More Details as of all the desired works, timelines and other terms and conditions of work have been included in the attached draft of the binding contract document and shall be edited and agreed upon/ approved by both the proposed client (your hospital) and the contractors (Aysh Inventions Ltd) before the work begins.

THANK YOU AND MAY GOD BLESS YOU



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