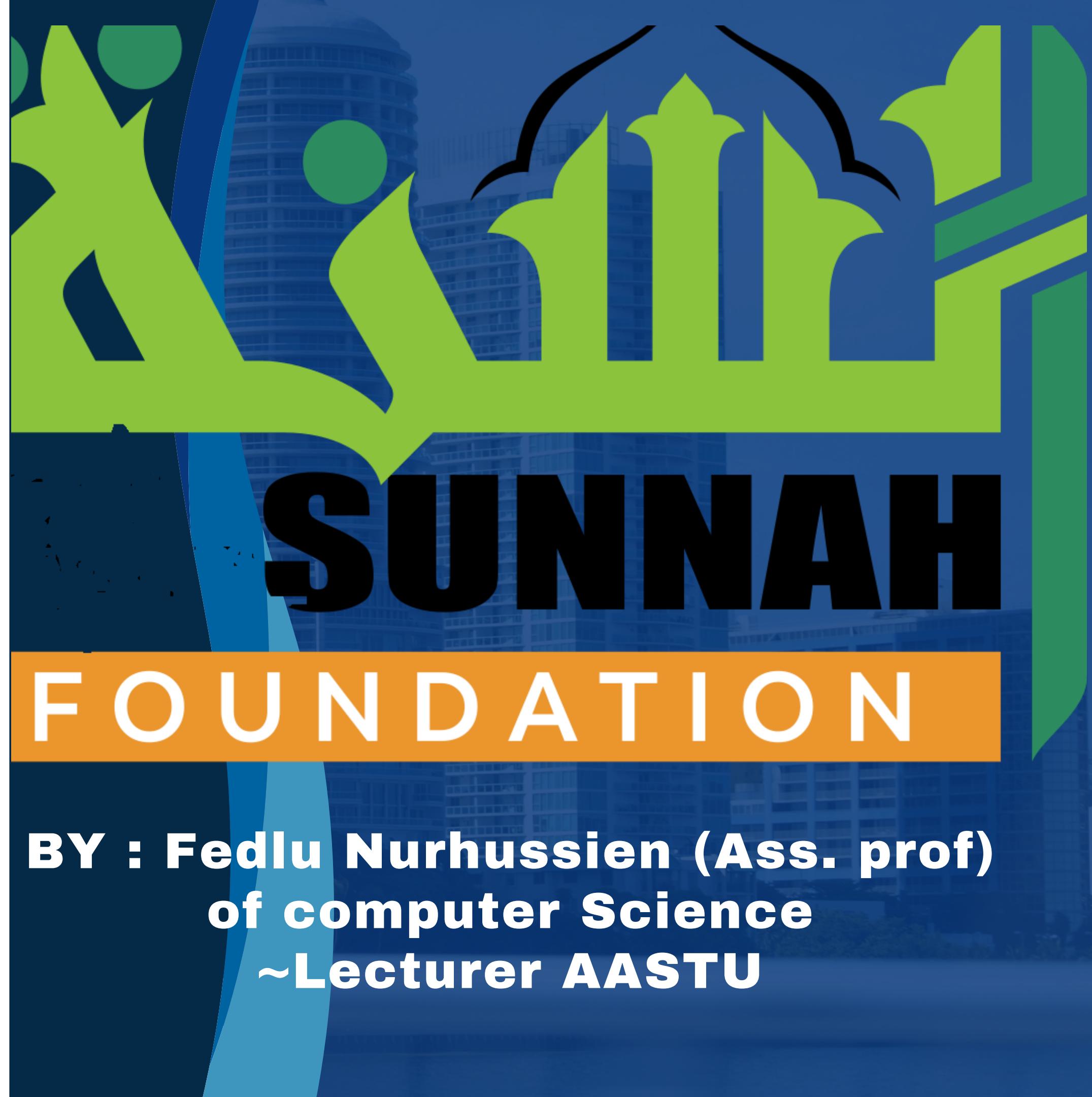




## ERP- Sunna Foundation



# Background

- was established by Dr. Sheh Mohammed Hamidin in response to a growing concern over the decreasing number of Islamic scholars and the closure of (Harimas) , 1439 Hijra.
- Sunna Foundation (SF) is founded to address Islamic educational needs and related works.
- Since its establishment, there is high growth in facilities and student demand, which led to operational complexities.

# Foundation main components

**Waqf Unit, SunnahUniversity, and Da'wah TV**



**Waqf Unit**



**Sunnah  
University**



**Da'wah TV**



# Statement of the Problem

01

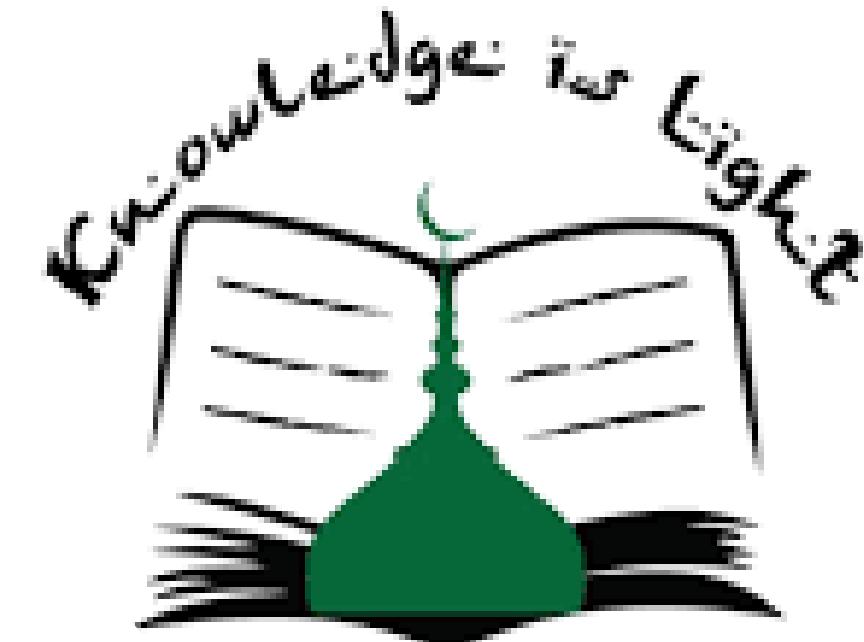
Currently, SF Lacks a **centralized, integrated** system for **managing** its **critical operations**, which are manual.

02

This **hinders efficiency, transparency, and the ability** to effectively track progress towards its vision and mission

03

So, SF is in need for a **centralized, integrated solution** to optimize operations and resource utilization.



Sunnah Foundation

# Project Objectives

## General Objective:

01 Implement ERP System  
for Sunna Foundation

## Specific Objective:

- 01 Refine and provide SRS documents in-line with SFstandards
- 02 Determine technical requirements for system implementation
- 03 Design and develop the frontend and backend of the system for selected modules
- 04 Deploy the system
- 05 conduct user acceptance testing (UAT)
- 06 Provide training for the end-users

# Proposed Solution

**ERP implementation for managing critical business functions, which enables**



**Streamlined  
processes**



**Automated  
reporting**



**Enhanced  
decision-making.**



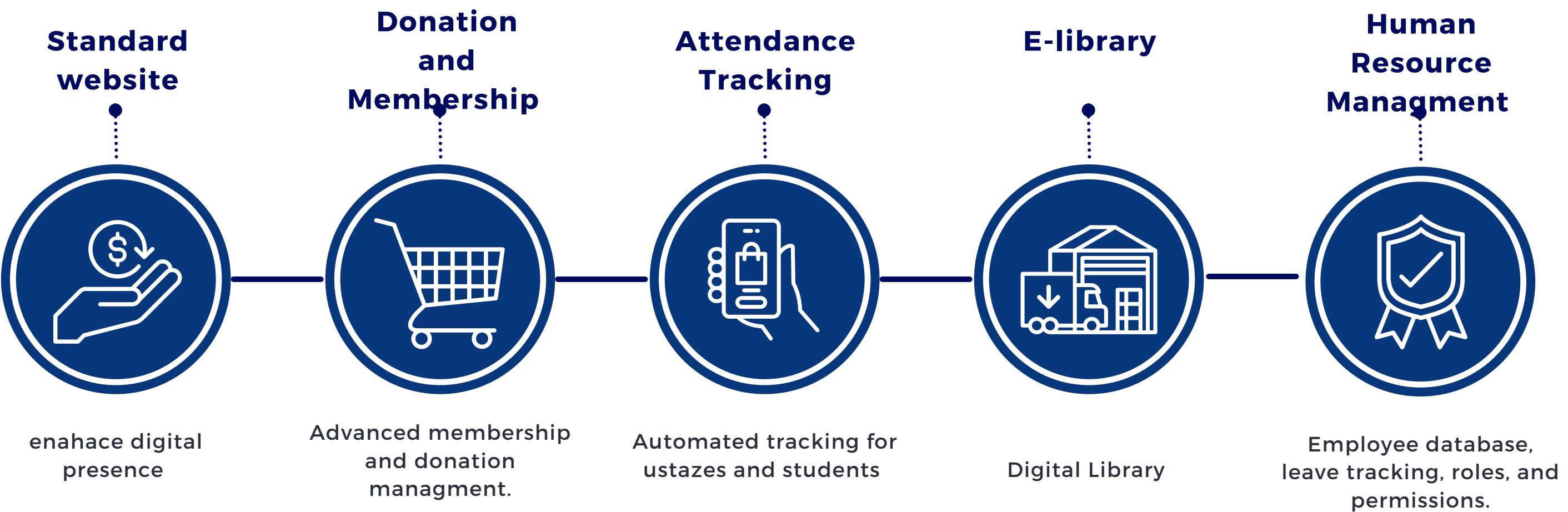


## Proposed Solution Continued..

### This solution will

- Improve information dissemination and digital presence of SF through its official website
- Ensure archival of information and resources for future use
- Streamline employee management, payroll processing,
- Facilitate efficient task assignment, donation collection and member tracking, and resource allocation.
- Offer automated attendance tracking and reporting.
- Enable effective inventory management and control.
- Provide effective management of student information system and digital library service

# ERP System Modules for SF



# ERP System Modules for SF

**Reports &  
Dashboards**



**Inventory  
Management**



For stakeholders and  
role-based access.

# METHODOLOGY

## Methodology

### Agile Scrum Approach:

- For iterative development, quick adaptation to changes, and user feedback.

### Key Phases:

- Requirement gathering and analysis, design, development, testing, deployment, and training.

# Technology and Development Framework

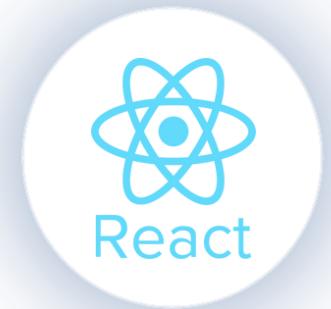
NEXT.JS



## Backend

Django (Python) for security and scalability.

Express Modules



## Frontend

React (JavaScript) for a dynamic, user-friendly interface

Next JS



## Database

PostgreSQL for data integrity and reliability



# **System Testing and Deployment**

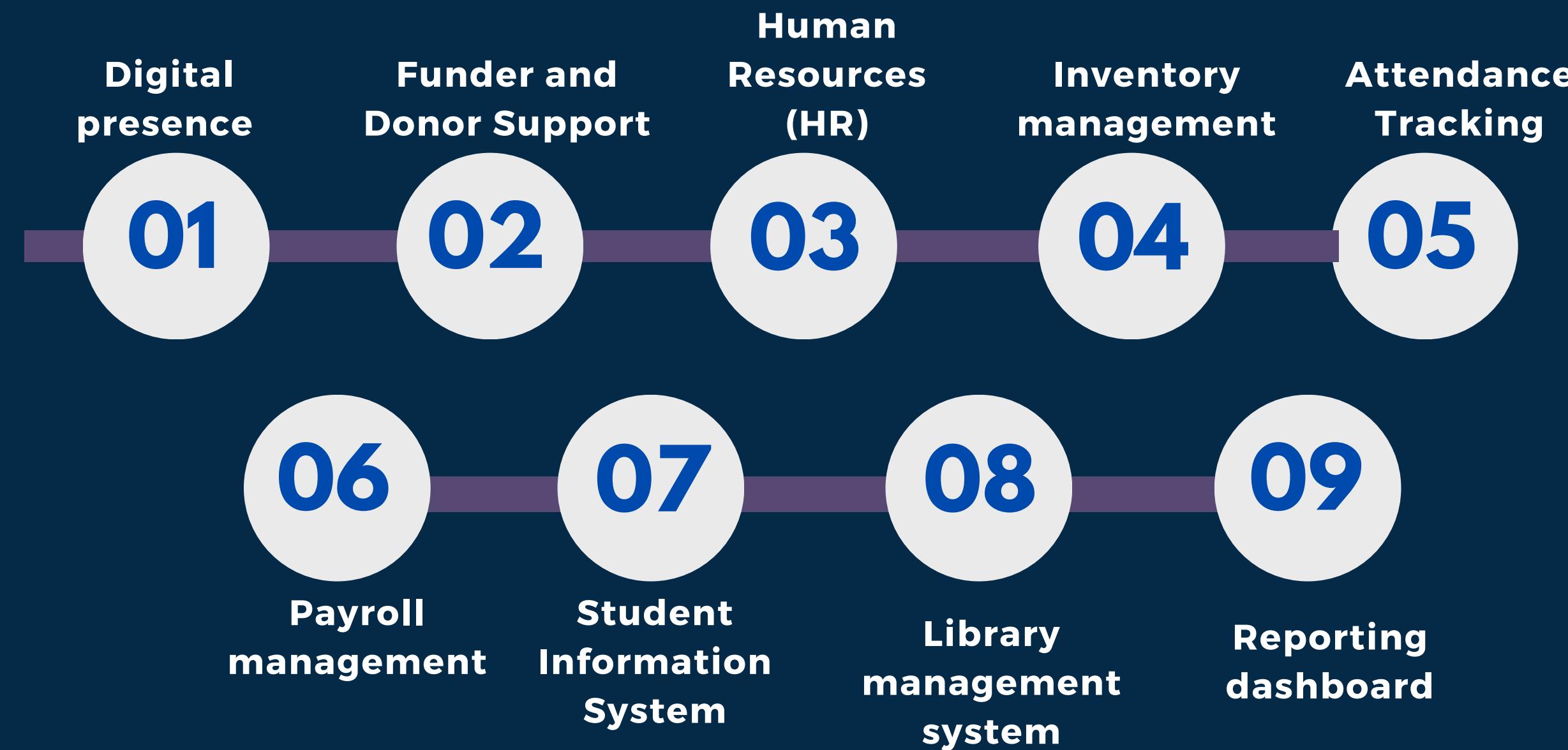
## **Testing Phases:**

- Blackbox, white box, integration, usability, and security testing.

## **Deployment**

- Secure server with SSL and firewall protections at the data center.

# PROJECT DELIVERABLE



# PROJECT IMPLEMENTATION PLAN

TIMELINE

6  
**MONTHS.**

## KEY STAGES:

- REQUIREMENT GATHERING AND ANALYSIS
- DESIGN DEVELOPMENT
- TESTING
- TRAINING
- SUPPORT.

# BUDGET AND RESOURCES



Availability of necessary technical resources and skilled team members.



Breakdown of hardware, software, and development costs.

# EXPECTED OUTCOMES

01

Enhanced operational efficiency and data accuracy.

02

Improved decision-making and organizational performance

03

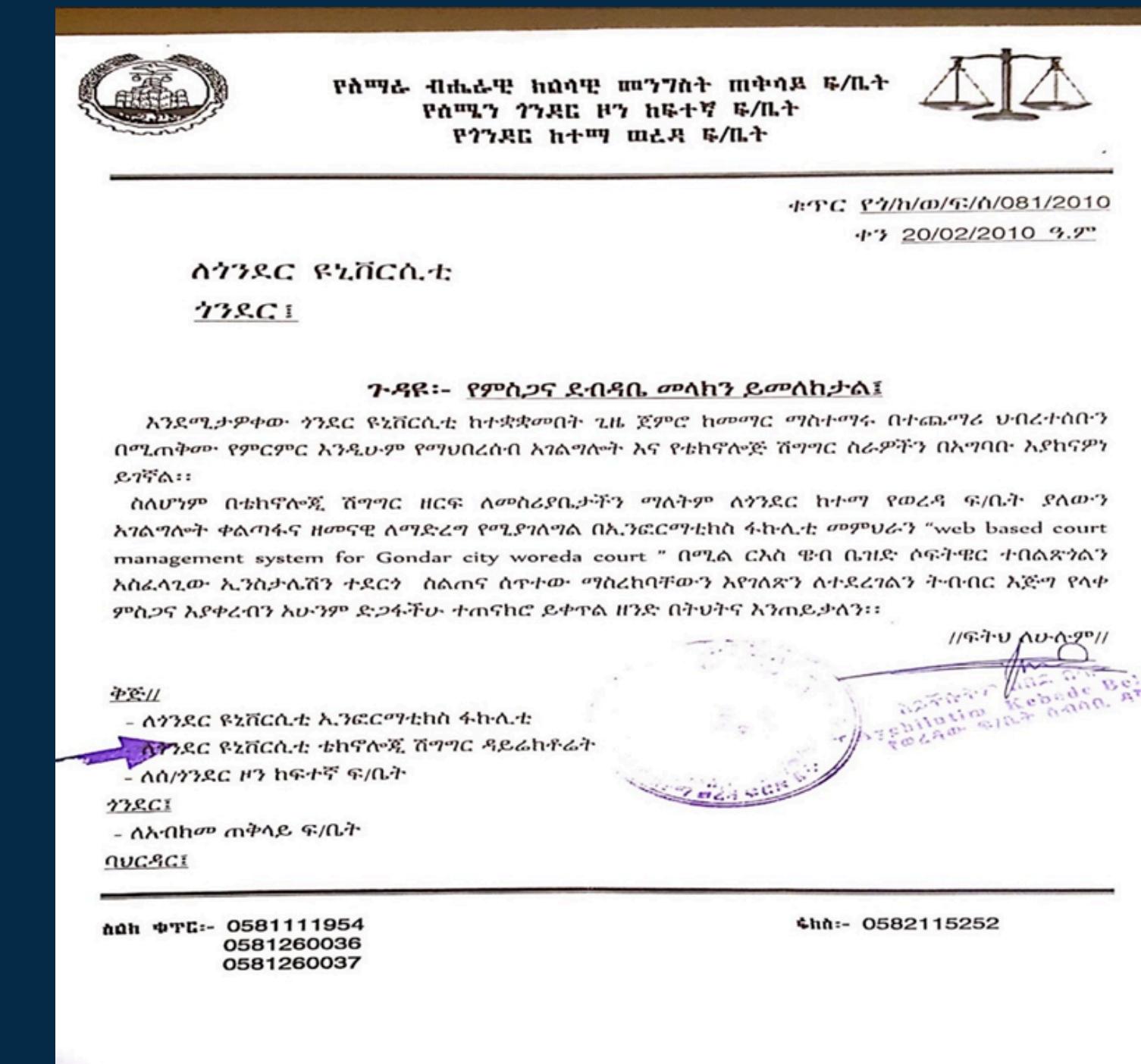
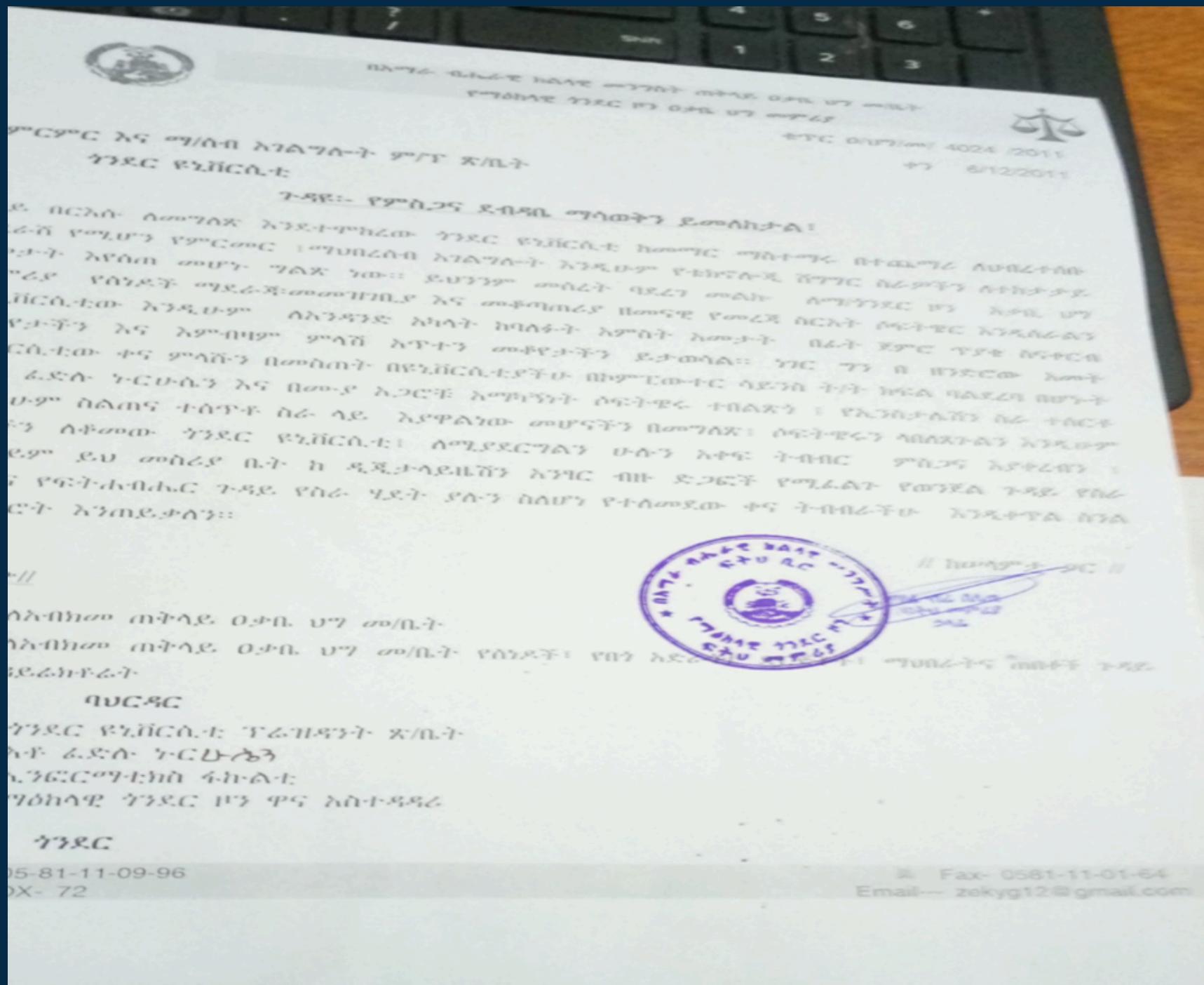
Ability to focus resources on Sunna Foundation's mission.

# TESTIMONIALS

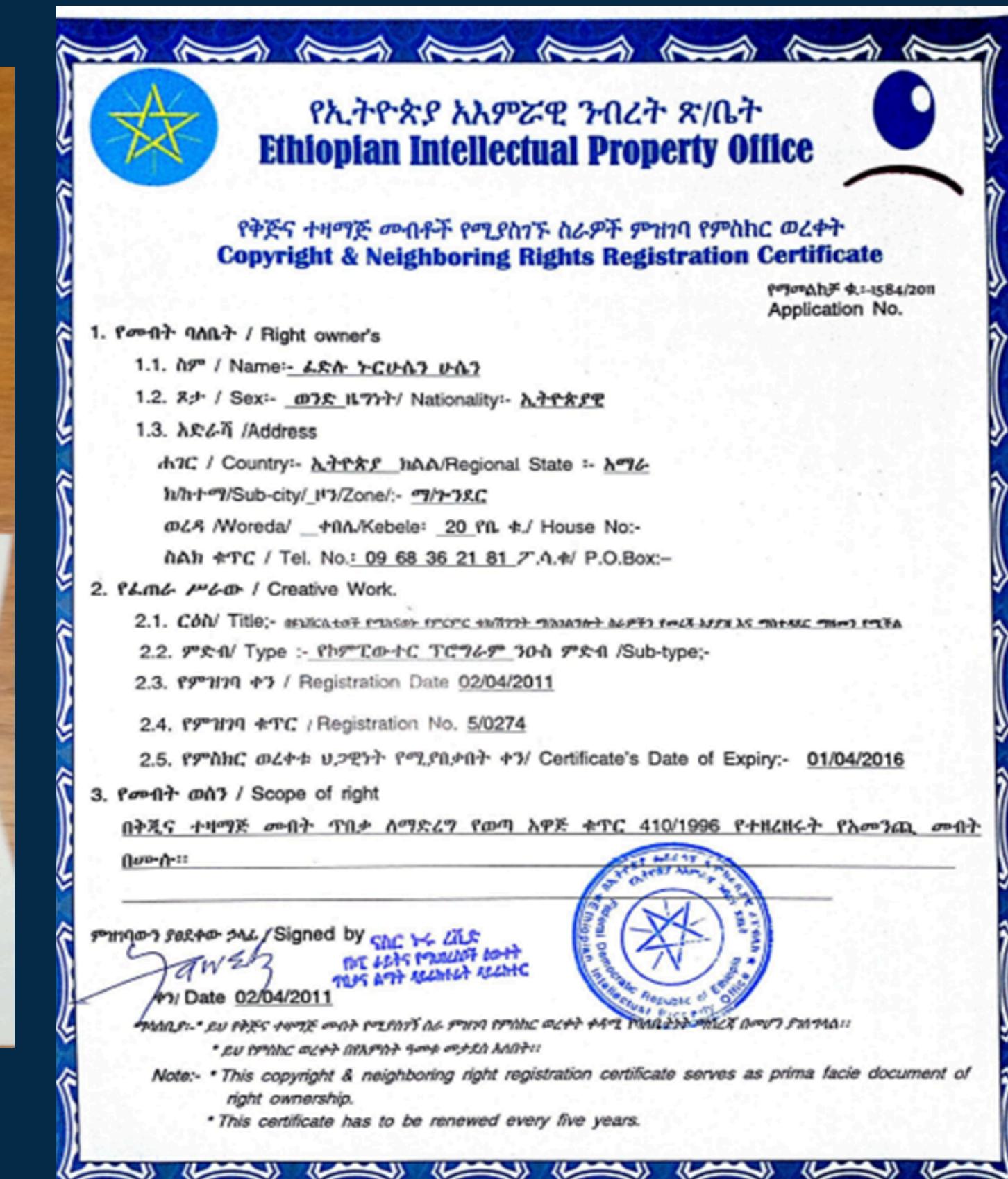
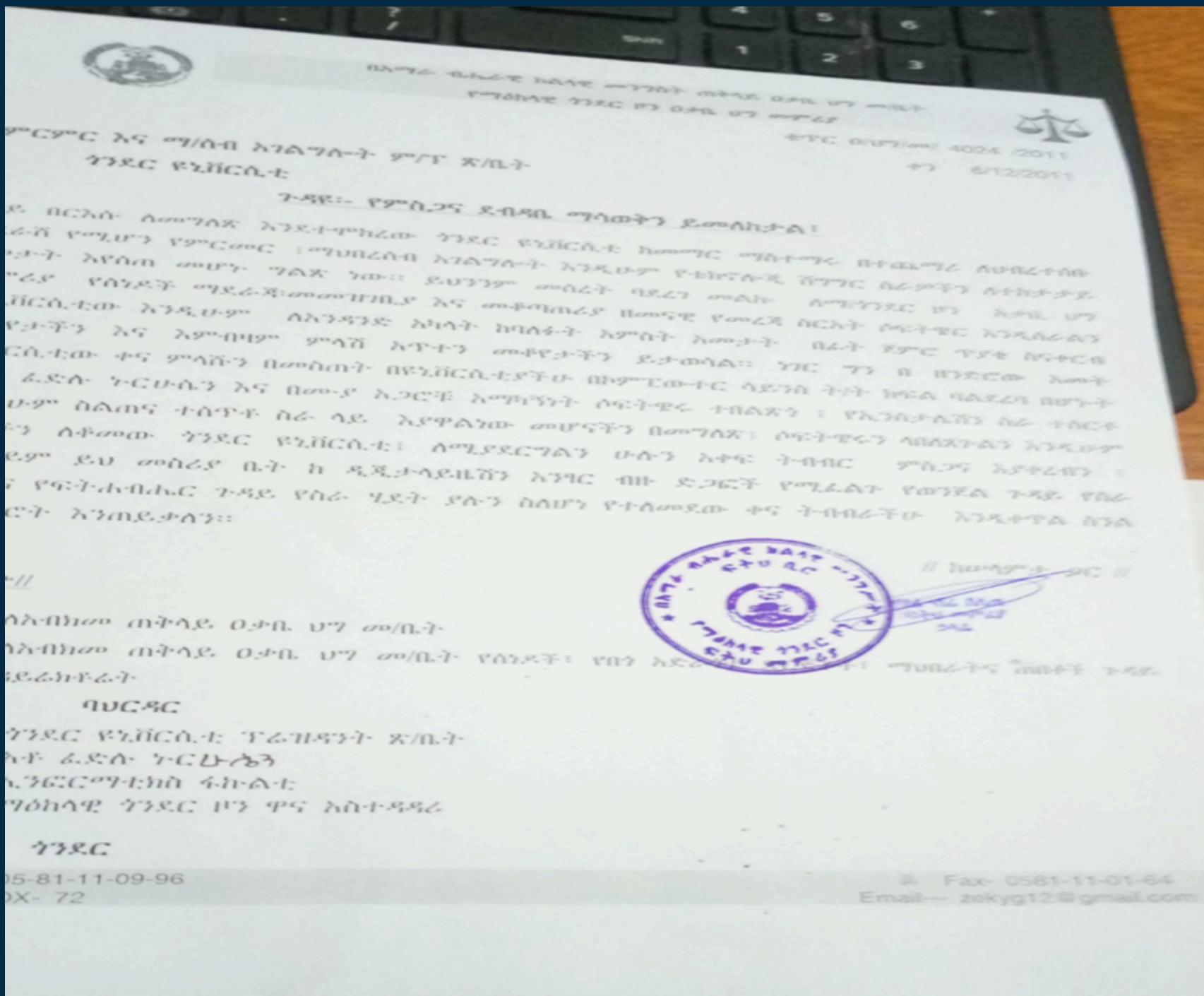
## Achievements

1. Around >5 public Universities Implemented
2. Shengo IT solutions address around 4 sites around Gondar
3. M-health related Mobile App in collaboration with Amhara Public Health institute
4. Mhealth system with SMS intervention for university of Gondar Hospital and health posts
5. SMS based Tb patients Follow-up system.
6. Connecting university of Gondar Hospital to neighboring hospitals through web based portal for telemedicine and tele education service.
7. Justice system for Amhara
8. Addis Ababa City Administration CSM
9. Many ERP system for organization

# TESTIMONIALS



# TESTIMONIALS





# JEZAKELLAH FOR WATCHING