Data for the Africa We Want: A Focus on Health

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Patrick Ooro
Director
DaySeven Technology (Pty) Ltd
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1. DaySeven Technology Overview
1.1 Company Overview

Background

Part of DaySeven Group (Pty) Ltd (Founded in 2008 as DaySeven Consulting)

Ownership | 70% Black Youth Female Owned

Ownership:

DaySeven Group (Pty) Ltd.

DaySeven Consulting CC
- Management Consulting
- Advisory Services
- Research Services

DaySeven Technology (Pty) Ltd. (100%)
- Graphic & Web Design
- Web Hosting
- Custom ICT Solutions

DaySeven Projects (Pty) Ltd. (100%)
- Project Identification
- Project Development
- Project Management
- Process Design and Re-Design

DaySeven Training (Pty) Ltd. (100%)
- Training Facilitation:
  - Construction
  - Business Skills
  - Learnerships
  - Custom Courses
1.2 Our Services

- Fast and Reliable servers with regular backups
- Wide range of TLDs to suit all our clients' requirements
- In-House Innovative Graphic and Web Design team
- Secure, Encrypted Servers
- Multiple site redundancy
- Custom Software and Application Development
- Integrated Consulting & Customised ICT Solutions
2. Proposed Solution
2.1 Current Context

➢ Need to Provide Basic Healthcare Services:
  ➢ Basic human right
  ➢ Social (Health, Human Dignity) and Economic benefits

➢ Lack of Reliable Data:
  ➢ Absence of a unified data collection approach at grassroots level:
    ➢ Some data items are common e.g. Name, Age, Gender etc.
  ➢ Current 2-Step data capturing leads to delays and possible data gaps:
    ➢ Step 1: Captured on paper forms
    ➢ Step 2: Paper forms captured electronically in some cases

➢ Delayed Response to Disease Outbreaks:
  ➢ Inefficiency of current data capturing, analytics and reporting:
    ➢ Data capturing is not real-time
    ➢ Analysis of the captured data is not real-time
    ➢ Reporting is not always driven by “Red Flags”
2.2 Solution Eco-System

➢ 5- Step Process
➢ Completed in Real-time
2.3 Solution Benefits

➢ **Flexible:**
  ➢ Data Capture forms can have unlimited and customised fields to suit usage
  ➢ Works on any smartphone and tablet device (Android, iOS)
  ➢ Forms and data capture function even without network (Remote Areas)

➢ **Scalable:**
  ➢ Number of users is unlimited
  ➢ Number of forms is unlimited – Solution can be deployed for multiple purposes within the same organisation

➢ **Secure:**
  ➢ Data is stored on encrypted servers

➢ **Real Time Reporting and Analytics:**
  ➢ Ability to analyse captured data while field workers are out at site and provide feedback for immediate problem resolution – Critical in outbreak situations
2.4 Solution Demonstration – Data Capture
2.4.1 Dashboard Overview

http://yeti.young-blood.co.za/reports/mobilereport/Yeti/Healthcare%20Data%20Analysis?rs:Embed=true
2.4.2 Data Analysis Report

TRANSFORMATIONAL DEVELOPMENT CAPACITIES