StrathTank Project Documentation

Smart Attendance System

Lead: John Mwangi

Category: Education (IT)

Status: Approved

Version: 1.0

Team Size: 3

Launch Date: 2025-06-01

Tags: Attendance · QR Code · Education · Automation

Tech Stack: Java, Android | Frameworks: Firebase, ZXing

Overview: Uses QR codes to automatically track student attendance.

AgriMarket Connect

Lead: Grace Njeri

Category: Agriculture (IT)

Status: Approved

Version: 2.0

Team Size: 3

Launch Date: 2025-06-02

Tags: Agriculture · Marketplace · Farmers · eCommerce

Tech Stack: JavaScript | Frameworks: React, Node.js

Overview: Platform connecting farmers directly with buyers.

MediCheck AI Bot

Lead: Dr. James Otieno

Category: Healthcare (IT)

Status: Pending

Version: 1.1

Team Size: 3

Launch Date: 2025-06-03

Tags: Healthcare · AI · Chatbot · Medicine

Tech Stack: Python | Frameworks: Flask, TensorFlow

Overview: AI-powered chatbot for drug interaction checks and symptom guidance.