



Project Details

This initiative aims to enhance medical skills and improve access to medical equipment by providing Kenyan healthcare professionals with integrated 'VR medical education' and 'medical equipment financing'.

- ① Strengthening content production and implementation systems to provide Point-of-Care Ultrasound (POCUS) training utilising VR. This enables repetitive practice in clinically realistic virtual environments, supporting efficient acquisition of practical diagnostic skills independent of location or instructor.
- ② Implementing instalment sales (finance) for high-value medical equipment. Credit is assessed using a proprietary scoring system combining training attendance records and payment data, making equipment acquisition more accessible for small and medium-sized healthcare institutions. By providing a one-stop solution to the dual challenges of "skill acquisition" and "financial barriers to equipment introduction", this initiative contributes to raising Kenya's healthcare standards.



Project Outcome

- 1. Implementation of POCUS Training and Evaluation Data** We conducted hands-on POCUS training and final exams for local medical professionals. We also established a system to quantitatively track trainees' skill levels by analyzing assessment data.
- 2. Completion of Practical VR Medical Education Content** In collaboration with Japanese specialists, we filmed and edited VR footage at actual training sites to complete high-quality, practical VR educational content for POCUS, ready for immediate use.
- 3. Establishment of Medical Device Finance Infrastructure** We built a robust foundation for our hire-purchase business by securing necessary licenses, establishing operational workflows, and developing management apps. Having already secured initial purchase requests, we are ready to launch immediately upon funding.

Future Business Development

Regarding future business development, we have further condensed the key points into a more concise summary.

- 1. Commencement of commercial operations within Kenya (Year 1)**
Leveraging the foundation established by this demonstration project, we will commence commercial operations within Kenya. This will involve VR training (initially targeting 300 participants) and the hire purchase of medical equipment (20–50 units).
- 2. Expansion into neighbouring African countries and service enhancement (Years 2–3)**
We will expand our operations to countries including Uganda, South Africa, and Nigeria. Additionally, we will broaden the range of VR content and increase medical device sales to a maximum scale of 500 units.
- 3. Establishment across Africa and global expansion (Years 4–5)**
Achieve over 10,000 training participants and 1,000 medical devices sold across Africa, establishing a sustainable operational framework. Furthermore, prepare for expansion into new markets such as South Asia and Latin America.