

MOBILE APP FOR FAST AND ACCURATE MEDICAL SCREENING OF METABOLIC SYNDROME AND STROKE

Low cost and efficient medical screening app to help improve individual health

Technology Overview

The medical screening app is a mobile application which provides fast and accurate screening assistance for use by medical practitioners and individuals. The screening capabilities currently include vitamin A deficiency, metabolic syndrome and stroke. The app can assist patients to proactively manage their health through the regular screening in order to identify onset of illnesses early and seek medical assistance. The application also provides a platform that medical practitioners, such as doctors to view, analyse and understand patient health risks by accessing their screening records upon consent.

This is a low cost and accessible technology, as standard smartphone capability is sufficient to perform the required scans. This could be a useful tool for governments to improve overall healthcare, especially in the Africa & Asia markets.

Market Opportunity

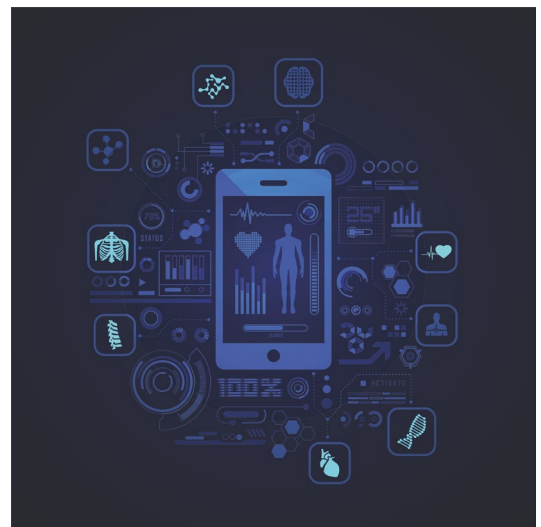
With governments globally under pressure with health budgets this low-cost solution will solve expensive infrastructure procurement. It can be rolled-out at low cost and the technology can be distributed fast as only a smart phone is required. The data generated through the App is also valuable to for governments to trace population wellbeing.

Technology Benefits

- Accessible through mobile platforms
- Low cost
- Accurate screening records

Project status

Demonstration successfully developed seeking licensees.



Contact: North-West University: Technology Transfer & Innovation Support Office

Hannes Malan +27 (0)82 412 4930

Hannes.Malan@nwu.ac.za