

APPENDIX C

Proof of Concept Scheme

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The information on this form may be made public.

Institution/Company: SWAN Digital Ltd

Project Title: Implementation of a Pilot Health Information Management System (HIMS) using Contactless Cards

TECHNICAL ABSTRACT
(200 words or less)

Include Potential Commercial Applications

The digitization of the healthcare system in Mauritius has somehow failed to provide an integrated system that leverages state-of-the-art technologies to provide a holistic service to the users of the system, namely: patients, doctors and the management personnel. To bridge the gap, this project proposes the implementation of a pilot Health and Information Management system (HIMS) at the Medisave Clinic. A patient-centred Information system will be developed to provide a set of rich services that follows the patient through the process chain (registration, diagnosis, treatment and billing). Doctors will also use the system to access and edit readily-available patients' record. While patient information moves (securely) across the system, the need for paper-based data is decreased. For example, treatment medication information will be available at the pharmacy even before the patient reaches there. By making use of a contactless card, the patient will access all the services of the Healthcare system. Doctors will also be able to follow patient history efficiently, while the finance department will be able to track expenses incurred and revenues generated during the course of the healthcare provided. The project proposes thus to serve as a valuable and affordable model for integration in our public health system.

Key Words to Identify Research (8 maximum)

eHealth, mHealth, NFC, Identification, Digital identity, Barcode scanner, HIMS