HKU SPACE & PLYMOUTH UNIVERSITY

BSc (Hons) Computer and Information Security

PRCO204HK Integrating Project

Project Topic:

An integrated Health Care System for Elderly home in Hong Kong

Student Names: **WONG Tsz-fung,**   **Student ID: 20152658**

                                    WONG Chun-kit,   **Student ID: 20136820**

                                    YAU Chak-man,   **Student ID: 10072329**

Summary Solution Fact Sheet

➢ Open the backend folder and execute the backend.py

➢ Open the web browser, enter to the local host. Port:8809

(http://0.0.0.0:8809)

➢ Different users have its different ID and password and all password were using

SHA256 for encryption.

For convenient and easy for testing purpose, sets of data were illustrated as follow:

User Type	Users ID	Password
Resident	P1	123
Resident	P2	123
Resident	P3	123
Health Care Assistant	N0	123
Manager	M0	123

➢ For Resident User:

- allowed to check their own Heart Rate or blood pressure

➢ For the Health Care Assistant

- allowed to input the vital signs like Heart Rate or blood Pressure of residents

- Received email alert if medication taking time changed

➢ For the manager of Elderly home:

- Allow to add the user account

- allowed to input and change the particulars of the residents

- send an email alert to the health care assistants when there were any changes of the

medicine prescription time.