



# Aging Population in Petaling Jaya

## Problem

The percentage of senior citizens residing in Petaling Jaya has increased from 3.7% in 2000 to 6.3% in the year 2020. The only public hospital available here is University Malaya Medical Centre (UMMC). It provides one of the best geriatric services, yet the elderly are unable to utilize the services due to the long waiting times and insufficient number of trained doctors (Kum, 2023).



## Impact



Costly diagnosis and treatment are resulted due to the lack of public healthcare infrastructure in Petaling Jaya. Due to the high costs of these services, a portion of the aging population cannot afford to get treatment which may lead to their medical condition becoming more severe. Moreover, the services provided by public health clinics are insufficient. All the mentioned consequences will ultimately result in the rise of death cases.

## Solution

The solution to the problems stated above is a one-stop healthcare software. This software acts as a telemedicine platform which allows senior citizens to book online consultations with specialists. They can also make an appointment so that a few specialists bring along their equipment to examine the patient at their doorstep. The software is integrated with reputable wearable devices and utilizes data analytics to detect any abnormal heart rate and blood pressure.



**NAME: YIP ZHENG QING**  
**TP NUMBER: TP065234**  
**INTAKE: APU2F2311IT(FT)**