ICT University

Cameroon is one of the African countries with a great potential due to its variety of natural resources and its great diversity. Cameroon is on its way for emergency but faces a lot of difficulties, with one being alarming, “high death rate”. In 2013, Cameroon was classified 25th country with the highest death rate of about 11.58‰, with about 58.51‰ child death. Health problems are the cause of about 57% of all the deaths registered in our country. But why do we register all these deaths? We make a remark that most Cameroonians lack information about different illnesses, their treatments, method of prevention, risks etc. Most also lack information about first aid measures, hospitals and pharmacies available around them, and in most cases, they move to these health structures only when the level of illness is quite high. Without naming all other reasons, these are some problems we enumerated.

What Tech do we propose?

To solve the above problem, we propose the development of a mobile application to accompany all Cameroonians for a better health management. The application will be separated into different modules in order touch the maximum functionalities. The application will present the different hospitals and pharmacies present in our surroundings, with all their information, the specialties and services offered in those hospitals. The app will present first aid measures and how to manage each situation. Details about medical specialties will be presented in order to bring more awareness to the users. More importantly, information about illnesses will be clearly presented. With this module, every user will have clear information about every illness and hence symptoms, method of prevention, causes, consequences etc. The last module will concern medical consultation with the use of Artificial Intelligence and Machine Learning in order to train a model to carryout the consultation of a patient.