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An Independent project report

submitted in partial fulfilment

of the regulations governing

the award of the

Bsc. (Hons) Computing, 2010

"H1N1 BASICS" SMART PHONE APPLICATION

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July, 2010

ABSTRACT

The emergence of the influenza A (H1N1) virus in April of 2009 and its high mortality rate across the globe raised fears and worry among people. It also started a new series of research into the cause, prevention and ultimately, cure of the disease. As a result of these researches and experiments, more information about the virus has been found. Information such as the cause, origin, transmission methods, prevention measures, anti viral drugs, etc is now known. The problem at hand now is making this information easily and readily available to the public. The *H1N1 Basics* mobile application aims to solve such a problem by providing such information to the general public. Unlike other sources of information, this application makes it very convenient for people to access it, and make reference to it anytime, anywhere. Users of the application can also get access to addresses and locations of treatment centers in Malaysia. For the purpose of the application, facts and data are gotten through an extensive literature review. In addition, interviews were conducted among a small number of health practitioners. Also, questionnaires were distributed to people at random, some of which are health practitioners. These data analysis procedures were carried out to know the level of awareness of this virus by the Malaysian public. The results of this analysis will be used to determine and further justify the importance of the application. The methodology chosen for the development of this application is the Rational Unified Process (RUP). RUP is an adaptable process framework intended to be tailored by the developer that will select the elements of the process that are appropriate for his/her needs.