

# **Abstract**

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## **An empirical study to investigate Oral health problems in Egypt: The Case of Alexandria University**

Internet users have increased dramatically in Egypt in all services provided specifically in health area. Patients now tend to surf the Internet for medical information just to avoid long queues reduce cost while visiting physicians. However, the increasing number of patients complaining from oral dental problems, insufficient number of dental clinics ignorance towards general oral dental health reveals the clear need for investigating evaluating the dental problems in Egypt. In order to understand the main problems that dental patients face to get a deeper view of common complains possible treatment that could be prescribed in simple conditions, semi-structured interviews will be conducted. Based on the interviews results, an E-Dental prototype will be designed to provide tips information about general oral dental health, primary dental diagnosis as it readily relates to signs symptoms, acquaintance with the common treatment procedures directory of dental clinics hospitals in Alexandria. Taking into consideration the patients' requirements an experiment will be conducted where 15 participants will voluntarily perform a number of tasks using the designed E-Dental prototype. Finally, the participants will be asked to fill a one page structured questionnaire in order to evaluate the patients' satisfaction. According to the findings, recommendations will be made plan for future work in the E-Health sector will be suggested.