APPLICATION DESIGN PLANNING FOR DENTISTRY CLINICAL CLERKSHIP STUDENTS IN BANDUNG CITY

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ABSTRACT

One of the health problems that is currently rising in Indonesia is the dentistry, also known as dental medicine and oral medicine. This problem is triggered by the high amount of consumption with lesser amount of individual attention to health. Problems about the high costs of dentist compared to most of Indonesian's relative income is also one of many problems neglecting the health of dental and oral health. The needs of human resources for dentistry is also rising. But, the hardship in the process of dentistry students to become dentists makes Indonesia have fewer amounts of dentist than needed. This problem is triggered by problems faced during co-assistance or pre-clinic post-college, which one of the obstacles is the exhausting process of looking for patients. This purpose of this research is to design a mobile application that can help dentistry students in Bandung, to get patients easier, reliably, and appropriate for the needed requirements. On the other hand, this mobile application can also help the patients to find services provided by dentists with minimal costs. The methodology used to gather data are interviews with dentists, user interface and user experience designer, then a questionnaire to gather information about the specific application needs. The result of the data will be analyzed to get the concept design of user interface for the mobile application for the dentistry students in Bandung.

Keywords: Clinical clerkship, Dentistry, Application, User Interface, Visual Communication Design