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Children's Health Care System – CHCS

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Abstract

The health field is one of the important fields that must be developed to cope with the rapid and new changes in the information technology. The Children's Care System is solves one of the problems in this field. This system is specialized in children's vaccination center, and all its processes that related to children from age one day until eighteen. The current project aims to convert the manual work in the current system into an electronic one, that will help in saving all the information on servers, remind the parents of the dates of the vaccinations by sending sms's to their phones, enable the parents to follow up their babies records, and print important reports about the babies health and vaccination.

To peruse these objectives a System Developed Life Cycle (SDLC) were followed, by analyzing the current system in the children's vaccination center, determining the functional and nonfunctional requirements, and designing the Children's Health Care System by using the required software. As a result, a user-friendly interface was produced, and tested. All functional, and non-functional requirements, and objectives are achieved. Therefore, the new system is ready for use in the healthcare- children's vaccination area.