Abstract

The role of Information Technology is vital in all the sectors. It has made a significant impact even on the healthcare sector all around the world. Still they are using the age old methods and techniques as they have not yet found a viable alternative. The project will try to understand the doctor’s needs and come up with a solution that can be effortlessly integrated in their lives. This solution will help save a lot of their valuable time which can then be used in much better ways. The scope of the solution is to create an end - to - end system to benefit the doctors as well as the patients. It will be a mobile application and hence will be very easy to use. The system will be easily accessible by any doctor who wants to use it. The data collection part of the system will help the doctors in collecting valuable data about their patients. It will help them analyze and visualize all their patient history and various important and critical cases. It will in turn help them
in drawing useful insights about their performance as well as understand the trends among their patients. The existing traditional approach of doctors involves a lot of manual work. Things like managing and allocating of appointments is handled by a receptionist. There are certain existing solutions which try to solve some of these problems and are discussed in detail during Literature Review. The solution primarily aims at orthopedic doctors and surgeons and will contain certain field specific functionalities.

**References**

1. S. Gayathry* Assistant Professor-SRM B School, SRM University, Vadapalani, Chennai, Tamil Nadu, India., “Practo: Is it a Healthy Prescription for Indian HealthCare Industry?”
*Corresponding author's E-mail: gayathry69@gmail.com ISSN 0976 – 044X


**Index Terms**

Computer Science Information Systems

**Keywords**
Analytics and Reporting, Goniometer, Orthopedic, Doctor and Patient Profile Storage.