

DOCTOR-PATIENT APPOINTMENT SYSTEM

Davit Makatsaria, Alexander Gedevanishvili, Ilia Melia, Sandro Kelbakiani

Email: david.makatsaria408@ens.edu.tsu.ge

Department of Computer Science, Faculty of Exact and Natural Sciences, Ivane Javakhishvili Tbilisi State University, 2 University ST. Tbilisi, Georgia

The Doctor–Patient Appointment System is a user-friendly web application designed to simplify and modernize the process of scheduling medical appointments. The system serves as a bridge between patients and healthcare professionals, providing a convenient and transparent platform for communication and appointment management.

Through the website, patients can easily register, search for doctors based on their specialty, location, or availability, and instantly book appointments that suit their schedules. Each doctor’s profile displays important details such as qualifications, areas of expertise, years of experience, consultation fees, and working hours. In addition, patients can view ratings and reviews from others, helping them make informed decisions when selecting a healthcare provider. After each appointment, patients can also leave their own feedback to contribute to the overall credibility and reliability of the system.

Doctors, on the other hand, can log into the platform to manage their personal profiles, update available time slots, and track upcoming appointments. They can also view patient feedback, which helps them maintain service quality and improve patient satisfaction.

Overall, the goal of the Doctor–Patient Appointment System is to make healthcare access more efficient, organized, and transparent. By reducing waiting times and simplifying appointment scheduling, the platform enhances the experience for both patients and doctors, promoting better time management, stronger doctor–patient relationships, and improved healthcare delivery in a digital environment.