Abstract

Secure Patient portal is designed in such a way that in these uncertain times of Covid-19 pandemic, patients can book their appointments online as per the convenience of them as well as doctors also. Instead of waiting for longer hours at the hospital they can schedule their appointments and reach on time. It will prevent them from unwanted contact with other patients. It will also prevent the patient's medical history, doctor's appointment schedules and other sensitive data from SQL injection attacks. Through this, it will be easy for doctors to manage the appointment slots online. Also there are many advantages for patients as they can see their current visit information, appointments of doctors and can communicate securely with their healthcare providers. Through this system it is easy to manage availability of various doctors in terms of dates and timings as per the requirements. It is a very secure portal as it prevents the portal's sensitive information from OWASP’s SQL injection attack.

References
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**Index Terms**

Computer Science  Information Sciences

**Keywords**

SQL Injection, Anytime, Anywhere, Secure