

**IMPLEMENTATION OF REST API FOR WEB AND MOBILE
BASED CHECK REGISTRATION**

(Case Study: WONOSOBO Regional Hospital)

MUHAMAD IQMAL RIFFAI

*Informatics Study Program, Faculty of Science & Technology
University of Technology Yogyakarta*

Jl. Ringroad Utara Jombor Sleman Yogyakarta E-mail : m.iqmal.riffai@gmail.com

ABSTRACT

Patient registration is a crucial element in healthcare services. The manual registration system in hospitals in RSUD Wonosobo leads to long waiting times or difficulties in scheduling appointments. With many hospitals still relying on manual registration processes, this research addresses these needs by developing an Android-based patient registration application with doctor appointment services, aiming to provide a better healthcare experience, especially for outpatient or follow-up patients. Through the implementation of REST API, it is expected to significantly enhance patient accessibility, reduce waiting times, and offer a more efficient experience in obtaining medical services.

Keywords: *REST API, Doctor Appointments, Android, Application Development, Healthcare Service Efficiency.*