

## **ABSTRACT**

Muhammad Dava Dorian, 10120707

Development of Web-Based Residential Population System in Taman Duta,  
Scientific Paper, Information Systems, Faculty of Computer Science and  
Information Technology. Gunadarma University. 2023

Keywords: Resident Data, Database, Website

The use of websites in managing population data at the community level provides significant benefits. Websites facilitate population data recording, provide information about community activities, and facilitate communication between administrators and residents. This study aims to develop a web-based population system for Taman Duta Depok Housing Complex. The website is developed using PHP programming language and MySQL database as the backend, with a focus on managing resident data and related administrative services. The system development method employed is the Software Development Life Cycle (SDLC), which includes stages of requirement analysis, system design, implementation, and testing. The research findings indicate that this population system website can effectively manage population data within the RT and RW areas of Taman Duta Depok Housing Complex. The Web-Based Residential Population System in Taman Duta, Depok is now accessible on the following web page: <https://rt04tamdut.000webhostapp.com/> and <http://rt04tamdut.infinityfreeapp.com>