

ABSTRACT

The search for the location of public place as a conventional place of work is often done through friends recommendations or manual search on the internet, where this is inefficient considering the era of digitalization requires speed and accuracy in obtaining information. Therefore, a system is needed to manage and present cafe location data in a more structured manner. This study develops a web-based application integrated with *Google Maps API* to map and manage cafe data. The system provides HTTP endpoints for data access and a web *monitoring* platform for admins to manage stored information. Development follows the Scrum methodology with an iterative approach. The system is built using NoSQL DBMS (MongoDB) and is designed to be responsive up to tablet displays. With this system, cafe location data management becomes more efficient, accurate, and capable of real-time updates, supporting data-driven decision-making.

Keywords : Public Place Mapping, *Google Maps API*, *Web Monitoring*, Scrum, MongoDB