

DESIGN AND BUILDING OF A MOBILE-BASED BARBERSHOP QUEUE SEARCH AND ORDERING SYSTEM IN THE SLEMAN REGION

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ABSTRACT

The barbershop is not only a place to cut hair, but also offers various services such as head massage, hair care, and sales of hair care products. In the Sleman area, there are many barbershops that are considered popular. Barbershop in Sleman offers a different experience from previous barber services. The design of a mobile-based barbershop queue search and ordering system in the Sleman area is designed to make it easier to search and order barbershop queues in the Sleman area. This system helps users find the nearest barbershop, make online queue orders, and view information about barbershops, such as location, operating hours, and prices. Apart from that, this system makes it easier for users to make payments online. This system uses the Laravel framework to build web applications based on the PHP programming language, the Flutter framework to build mobile applications using the Dart programming language, and the MySQL framework to store and manage data in a database. This system also uses the Google Maps API to display maps. The web section is used by barbershop owners to receive queue orders from customers, while the mobile section is used by customers to search for barbershops and place orders in the barbershop queue.

Keywords: System, Search, Ordering, Barbershop