ABSTRACT

DESIGN APPLICATION OF START-UP EGARAGE.ID RENTAL VEHICLE BASED ON ANDROID PLATFORM FOR TRANSPORTATION SOLUTIONS WITH ITIATIVE AND INCREMENTAL AGILE METHODS

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Transportation is a major component in life and life systems, government systems, and social systems. Regional social demographic conditions have an influence on transportation performance in the region. The level of population density will have a significant influence on transportation capacity to serve the needs of the community. In urban areas, the trend is a high increase in population due to birth rates and urbanization. The level of urbanization has implications for the increasingly densely populated population which directly or indirectly reduces the competitiveness of regional transportation. Egarage.id is a business that is engaged in providing vehicle services. Limited information about the type of vehicle, price, and location is a problem for vehicle service tenants. Based on the existing problems, we draw a conclusion in the opportunity of developing a service provider information system by making applications as a liaison between vendors and vehicle service tenants. The existence of this application can help the lease process faster and clearer without limited information with transactions that can be done either transfer or cash. Egarage.id is expected to help and improve the delivery of information, and make it easier for customers to order online without worrying about the losses that occur on their part. And being a solution for car parental to be more efficient and easy to do car searches. This research uses the Agile method, where Agile is an iterative incremental framework for projects, products, and application development.

Keywords: Transportation, egarage.id, Agile