

Abstract

Layer management coordination in mobile BI has functions of layers that can be easily changed or modified in accordance with the business conditions of the company. In addition to being able to implement the company's business processes, near real-time information is required. A case study on JKTOGC Unit PT Garuda Indonesia is used because it has a business process that requires management coordination and information with quick reaction. In this research, it is found that web service orchestration technology has highly cohesive class and performance value of 149.973ms and 102.055ms, so it can be applied to fulfill layer management coordination function and can fulfill company business process need for near real-time information.

Keywords: management coordination, mobile business intelligence, web service orchestration