

ABSTRACT

In the contemporary business landscape, technological integration significantly enhances organizational performance. Notably, hospitals, akin to businesses, seek enhanced competitiveness while upholding their social mandates and core values centered on health and human welfare. Employing Hospital Information Systems (HIS) emerges as a strategic approach, necessitating the presence of enterprise architecture to ensure seamless service amalgamation and harmonized information system objectives. Enterprise architecture, exemplified by frameworks like TOGAF, guides this process, encompassing elements such as the ADM guideline and technique, featuring capability-based planning. This study endeavors to craft a business capability model using a capability-based planning strategy at RSUD Sidoarjo, aimed at evaluating and enhancing necessary capacities to fulfill business objectives and technological requisites. The research methodology incorporates in-depth interviews, direct observations, and document analysis to gather relevant data. The study's findings outline a comprehensive procedure for designing a business capability model, encompassing crucial stages like conceptualizing capability-based planning, discerning dimensions using capability dimensions, bolstering capacities, and structuring the business capability model. Ultimately, the outcome of this model's design culminates in the establishment of elemental building blocks essential for capability-based planning, yielding a synergistic alignment of organizational goals and technological demands.

Keywords —Hospital, Enterprise Architecture (EA), SIM Hospital, TOGAF, Capability-based planning.