

## **ABSTRACT**

# ***ENTERPRISE ARCHITECTURE AS A STRATEGY IN THE OPTIMALIZATION OF THE PROCESS IN THE SUPERVISION FUNCTION FOR INDUSTRIAL AND MANUFACTURING COMPANY USING TOGAF ADM***

By

**FAHRI HAMZALAH**

**NIM : 1202160236**

*Industrial and manufacturing companies are companies that process raw materials into finished goods and have value. In running a business using technology in a company that can run well, special supervision is required from the Supervision function. However, there are still several obstacles when conducting such supervision, such as it is still not optimal in carrying out monitoring evenly. To deal with these problems, we need a solution, one of which is by designing enterprise architecture. The use of enterprise architecture helps in managing supervision so that it is structured and well organized. Enterprise architecture is a company architecture or blueprint architecture in the form of a description of the company's existing conditions and the conditions of the company's targeting that are used to fulfill the company's vision and mission and objectives.*

*In making enterprise architecture, a framework is needed to facilitate the process and speed up its design. Framework is used to ensure that the architecture has been created following the scope of the design solution and the needs of the company. The TOGAF Framework provides a detailed method for building and implementing and managing enterprise architecture and information systems called the Architecture Development Method (ADM).*

*In this Final Project, a design or blueprint will be produced in implementing enterprise architecture in the oversight function of industrial and manufacturing companies. The design of enterprise architecture in this company uses TOGAF ADM. ADM is a method that has a set of activities used to model enterprise architecture design. The use of TOGAF ADM will produce a blueprint architecture and IT roadmap which will be used as a guide to help manage supervision in industrial and manufacturing companies. Keywords: Framework, Enterprise Architecture, Blueprint Architecture, TOGAF, ADM.*

*Keywords: Framework, Enterprise Architecture, Blueprint Architecture, TOGAF, ADM.*