ABSTRACT

Currently, the people of Indonesia are entering the era of Industry 5.0, which is an improvement and continuation of Industry 4.0. In this era, industries are required to implement various technologies, one of which is Enterprise Resource Planning (ERP). Many companies have adopted or provide ERP systems, including PT Sinergi Informatika Semen Indonesia (PT SISI). ERP service providers are in high demand, as evidenced by the increasing number of clients of PT SISI who use the ERP application called FORCA ERP every year. However, FORCA ERP faces several challenges that necessitate continuous innovation, both internally and externally. One expected internal innovation is the visualization of reporting data for the Application Support Division from the FORCA ERP system. Currently, there is an issue of no data visualization from the Budgeting module in the Application Support Division. Building data visualization using Power BI is considered the best solution because it aligns with the company's culture of using FORCA ERP and Microsoft Office. The method used in designing and developing this dashboard is Agile Modeling, which has advantages such as high flexibility, strong collaboration, rapid software development, and continuous improvement. Thus, it is expected that this dashboard can be implemented by the company.

Keywords – Enterprise Resource Planning (ERP), Power BI, FORCA ERP, Agile, Application Support, Data Visualization