

## **ABSTRACT**

*PT Telkom Indonesia is one of the state-owned companies that has implemented an information system with the concept of Enterprise Resources Planning (ERP), namely the SAP S/4HANA. Currently, the finance division of PT Telkom Indonesia has used the software to perform the cost allocation process for their products and services using the Activity-Based Costing (ABC) method contained in the controlling module in SAP. The cost allocation starts from the cost center to the resource. However, in the implementation, there are still costs in several cost centers, so these costs have not been allocated to resources. To continue the cost allocation process, all costs from cost centers must be allocated to resources by inputting the remaining costs into the cost allocation cycle. It needs cost center data that has still remaining cost along with the cost elements contained in the cost center to be inputted into the cost allocation cycle. Currently, SAP only displays the total costs that have not been allocated in each cost center without any direct information about the cost element contained in the cost center. So that data search must be done repeatedly one by one due to the large amount of data available. Based on the problem, a report that can display the cost center that has not been allocated to resources and the cost elements contained in the cost center is needed.*

*As a solution in making desired the report, the ABAP List Viewer (ALV) provided by SAP can be used by creating an interactive ALV report. An interactive ALV report is a report that can use commands such as double-click on a certain line to display data new data on a different page. By using an interactive ALV report, it can display the cost center data and cost elements contained in each cost center in a drill-down manner by double-clicking on the cost center data. The method that will be used in making this report is Software Development Life Cycle (SLDC) with using Service Engineering Methodology (SEEM) for the design phase to be made in SAP and for the planning, implementation until report development in SAP the SDLC method will be used.*

*This research is produce cost center reports and cost elements based on the results of cost allocation from cost centers to resources to simplify the process of searching for cost center and cost element data that have not been allocated to resources, The information contained in this report can be used by the finance division to input cost centers and cost elements that have not been allocated to resources into the cost allocation cycle so that all costs can be allocated and the cost allocation process can continue to the next stage. The results of the report tested using black box testing for the functionality of the report results whether it is what is desired and perform data validation to ensure that the data displayed in the report is the same as the data contained in the database.*

***Keywords– SAP S/4HANA, Cost Allocation, Cost Center, Cost Element, ABAP List Viewer***