ABSTRACT

PT.XYZ is a Technopark which is a forum for startups who want to develop in the field of information technology. PT.XYZ has several information technology projects that can produce applications. The University X Integrated Application Project has 10 teams with different responsibilities according to different applications. In the implementation of one of the projects, namely the Integrated Application Project at University X, there was a delay in the Planning phase which should have been running in October 2021 but the Integrated Application Project could only be implemented in January 2022. This had an impact on one of the applications, namely the Academic Mobile Application which became the topic of this Final Project. This is because there is no Scope Baseline and Schedule Baseline after the amendment is made. Due to the absence of the Scope Baseline and Schedule Baseline, the Information Integrated Application Project becomes unstructured and achieves an undefined project where affects the performance of the project team. Performance measurement on the Academic Mobile Application is carried out using the Earned Value Method with the aim of knowing the level of consistency in working on the Academic Mobile Application which will be represented in the form of an S-Curve. In addition, in Performance Measurement there are components of Actual Value, Planned Value, and Earned Value. There is also Estimate to Times which aims to estimate the time required by the Academic Mobile Application project team to complete projects with project delays.

Keywords — Schedule Baseline, Scope Baseline, Critical Path Method,* Pengukuran Performansi*, Earned Value Method, Decomposition