

## **ABSTRACT**

The new IT Telkom's laboratory building construction is one of its great plan in order to become World Class University (WCU) which has the best Infocom program and creating the high intelligence and competitive human in Indonesia. It needs a comprehensive project controlling to avoid the risk of being late in completion, lack of quality, financial bloated, wasteful of resources, and failure in goals and objectives achievement.

Control of the project is divided into three dimensions, namely (1) Quality control is done through the design of technical specifications and project materials and tools used because it will be seen directly on the physical appearance of the building; (2) Control of time, the design was done by order of business so that it can effectively work on time; (3) Controlling costs, manifested through the preparation of a detailed RABP. Besides the control of the project, it also needs a way to control information exchange can be done with accurate and real time.

Therefore, designing the web-based project control information system is the answer. The proposed information system is designed based on analysis of existing system and the need for applications that can accelerate the flow of information flow between the functions of the organization in project implementation.

From the results of information system design, work project controlling is done by inputting the job, including technical specifications and needs resources, documenting the use of resources, weighting each job so that it can detect the causes of deviations and results of value analysis, variance analysis and performance analysis to obtain the status project implementation. And all of this information above can be accessed easily and quickly wherever users are by just using the internet facility.

Keywords: project management, information systems, analysis of variance, the concept of value results.