

Abstract

Project development of fiber optic cable network (FO) at PT. Telekomunikasi Indonesia Tbk. is one project that aims to expand the coverage area of communication in Indonesia. Development of fiber-optic cable network (FO) at PT. Telekomunikasi Indonesia include the procurement and installation of fiber optic cable. In the development of fiber-optic cable network (FOR). PT. Telekomunikasi Indonesia Tbk. Held a tender to several contractors by providing specifications, construction cost budget, and the target time in accordance with planned by the PT. Telekomunikasi Indonesia Tbk.

Project objectives, namely quality, cost, and time must be controlled properly by each leader of each project contractors who worked on this project. So the impact on this project with the optimal cost, in accordance with the limits quality and timely workmanship. In reality, it is not as easy to control the project envisaged. Many problems that occur, and unfortunately, the project leader is often too late to respond each issue. As a result, the project experienced delays in the process. This is very hurt the company, because the addition will cost big time and workmanship that the longer, the delay this project will also create a bad image of the company.

To solve these problems, we must have a web-based project control information system, that helps the project entity for project planning, progress reports, and analyze project accurately. In designing this system there are some things to do. The first stage is the identification and introduction, this phase includes the observation problem, determine the research objectives and the preliminary study. The second stage is to create a model with preliminary research, data collection, and data processing. The third stage is to analyze and design systems. The fourth stage of software development and evaluate the results. Last stage to make conclusions and recommendations. These results provide the conclusion that this information allows the system to assist the project entity for project planning, project analysis, and can be accessed from anywhere and anytime

Keyword : information system, project control, varians analyzis, concept of value