ABSTRACT

Project Management has many phases include project control . Project control phase requires a huge level of effort/attempt. To simplify the control of the project can be helped with the used of an application. Project control application is created with the use of online media, so it will be easier for stakeholders to interact with each other despite being in different places. Project control application is made in an effort to realize the e-university. E-university is an information system to support all process that exists at a college. IT Telkom is a college that has a lot of projects. Manual control of the project which is less flexible and transparancy data used as an opportunity for researchers to make control easier, more transparent, and more organized by making an application for controlling the project for this final project. Application developed in this research has the capability of controlling based on cost, time, quality, human resources, and scope and it's used PMBOK ® *GUIDE* approach. Each control using some technique, including the S curve with earn value analysis, Gantt chart analysis, pareto analysis and Work Breakdown Structure. This project control application is developed using Java Enterprise Edition technology and iterative and incremental method. The use of iterative and incremental method allows software developers do the research easier. Developer can repeat the job into with increasing performance in every iterate. This application allows access from many users; therefore this application developed using multitier system. There are four tiers used by this application (presentation, business logic, client, and database). Ms. SQL Server is used as the management database (DBMS)

Key Word : *e-university,* project, *multitier*, *stakeholder, iterative* and *incremental*