ABSTRACT

IT projects are projects based on information technology and focus on systems that function to provide information needed by users or users. PT XYZ is a company engaged in information technology, PT XYZ itself is a forum for startup businesses that want to grow. PT XYZ has an IT-based project at ABC University. The project created an Information System to support lecture activities. In this Information System consists of 37 applications. In this project, PT XYZ is divided into 10 teams and each team has different duties and responsibilities for each application that will be made.

In working on this project there are several obstacles experienced by PT XYZ from several factors. These factors consist of man, method, and information. Based on the fishbone chart that has been made, several problems from each factor have been mapped. The man factor consists of several problems, namely the lack of manpower on the project, the workforce has not carried out work activities according to the initial plan and there is a division of labor that is not in accordance with the expertise, then the method factor consists of the problem of the absence of a project risk management design, planning scheduling that is not in accordance with project management and the scope of work that has not been clearly defined, then for the information factor consists of the problem of lack of information about the project and its processes and communication that has not been directed, causing the delivery of information that is not precise.

From the problems described previously, it causes project delays so that it requires a solution and design to overcome them. Solving this problem requires a design in the form of a schedule baseline, scope baseline and risk response for the solution to the problems that exist in this project.

Keyword — [*Scope, Schedule, Baseline, IT, Risk Response, Startup*]