

ABSTRACT

Each project has a standard and discussion that is not far from the risks and unexpected events. To recover the risks that will occur, companies need to apply good risk management to avoid risks to time, costs, and complete the project. One way to understand risk management is whether it is good or not at a company, that uses Maturity level using the Project Management Maturity Model (PMMM) method.

PMMM is a measuring tool with seven risk management processes that are used to measure the maturity of a project in order to improve and optimize the management process. This process is used in making research instruments namely self-assessment surveys which are disseminated and then the data obtained will be processed. In addition to using PMMM, the seven processes are weighted using Analytical Hierarchy Process (AHP) to determine the priority of each process. From the meetings and data processing using these methods, PT. XYZ has a level 1 maturity level that is the initial process obtained from the cumulative maturity level by the process of carrying out a qualitative risk analysis as a top priority.

To increase project management needs, information system planning is needed to help manage or improve the company's risk management maturity process.

Keywords: Project Management, Risk, Maturity, Project Maturity Model, Information System.