

The PT.XYZ company is a prominent telecommunications company in Indonesia. The company requested a process that was approved in the data company, but most of the rating systems in the company were still conventional. Conventional means approved only accept user names and passwords to do approved. But this method is very conventional to be delivered safely from all forms of the attack until it can carry out an unauthorized approval process by only using passwords and usernames. In this study, we will use the context-awareness method as the foundation of the retrieval system, while the system will take user relationship parameters as reference material for the authentication process. Not up to that point, this system is also equipped with an agreed level process while this level will be the class of the approved system. Level of Giving will be based on the weight of conversations that have been identified. The higher the level, the more suspicious the system is with the user and the user must go through an additional approval process. This login is proven in the completion of the process against the user. The proposed system also provides a sense of security for the user as evidenced by testing the deployment system so that users can feel directly from this requested system, users who are the object of research from the General Affair division in the PT.XYZ company.