IMPLEMENTATION OF THE SINGLE SIGN-ON SYSTEM BY USING GOOGLE ACCOUNTS AND FACEBOOK ACCOUNTS

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ABSTRACT

Login is a process to log into a service that contains a username and password. There are usually several applications in an organization, for example, academics, libraries, or e-learning. In accessing the application, the user must first log in to each application, so it requires more effort, especially in remembering passwords, because the passwords for each application cannot be the same for security reasons. Therefore, a system that can integrate all application services for the authentication process for each application is required. SSO *(Single Sign-On) is a technique that can integrate the authentication system into these applications. Login authentication integration is carried out by utilizing email technology such as* Google *or services from social media such as* Facebook. *The system was designed using* DFD *(Data Flow Diagram) and CodeIgniter framework. This research produces an* SSO *application system using Google and Facebook accounts that make it easier for users to authenticate logins to several applications.*

Keywords: Authentication, CodeIgniter. Single Sign-On System.