

ABSTRAC

DEVELOPMENT OF PEERGROUP MODULE REMAJABISA APPLICATION WEBSITE BASED USING LARAVEL FRAMEWORK FOR THE DEVELOPMENT TEENAGERS INTEREST

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Teenagers are a sensitive age in the search for identity, self-formation, and self-preparation in facing a more complex future. According to research, teenager leisure time is dominated by forms of pleasure activities that tend to be unproductive. Therefore, LSM Teenager's Institute collaborates with Telkom company to create a website as a forum to develop the interests of teenagers in order to channel their talents. There are 3 main modules on the development of RemajaBisa website that is Peergroup, event, and education.

The peer group module allows users to enter groups of interest as well as upload photos and interact between other users. The development of peer group module uses the Laravel framework which supports 3-tier architecture that can save module development time. The methodology used in module development in this research is to use waterfall methodology that runs linearly and has stages that are well known by application developers.

The results of this research show that the development using Laravel framework and using waterfall methodology proved suitable and can apply all the features that have been designed in peer group modules and can develop teenagers' interest in the use of free time for users

**Key Word : Teenager, Software Development , Interes, Peergroup Module,
Laravel Application Based, Waterfall.**