

## ABSTRACT

*Teenagers are a sensitive age in finding identity, to prepare for a more complex future. During adolescence, developments occur including changes in their attitudes and actions, where the formation of ideals is the process of forming a future orientation. RemajaBisa website has 3 modules, namely, peer groups, events, and education. These 3 modules have an important role in every process that takes place on the RemajaBisa website. An event is defined as an activity that aims to establish interaction with individuals or groups in order to obtain information or experience organized by the organizer. The event module has the function of displaying and facilitating participant registration, the participant is a member of Remaja Bisa who can create or participate in existing events. Events tailor-made for activities that can cultivate members' talents and interests, thereby increasing their knowledge. This event module will display the events created and their information, such as the date, time and location of the event, and then the number of attendees at each event. The Events module on the RemajaBisa website was developed using the Laravel framework with the waterfall method in its development. This test for the Teenager website uses white box testing with unit testing and statement coverage methods. The result of this research is the development of the event module on the RemajaBisa website application with features that can be further developed so that the function of the event module can run according to its purpose. These features can help teenagers in utilizing their free time and developing their interests.*

*Keywords— Teeneger, Software Development, Event Modul, Website application, Waterfall Method, White Box Testing, Unit Testing, Statement Coverage*