

ABSTRACT

Anugrah Iman Setyo Utomo (17104022), 2021 – DEVELOPMENT OF ANDROID-BASED OUTDOOR EQUIPMENT RENTAL APPLICATION USING PROTOTYPE METHOD

Mountain climbing is one of the off-field activities that are in demand by the community, especially young people. Therefore, outdoor buying and selling is increasing, it cannot be separated from outdoor equipment. Ngeneh Nyewa Outdoor is a business engaged in climbing equipment. This business still uses a manual system such as recording what equipment is rented and the business only accepts direct purchases, not yet boldly accepts purchases. Applications built using this prototype method are only for Ngeneh Nyewa Outdoor businesses. The prototype method is a software development method that focuses on the stage of building an initial version of the application that aims to demonstrate the concept, design, and problem finding. This research will produce an android-based system that is tested by business owners directly with the aim of simplifying and improving the quality of the Ngeneh Nyewa Outdoor business. Based on the results of tests that have been carried out with business owners and several of their memberships, it is found that the application is successful with the accuracy of functions with a value of 100% both from the administrator's side and the tenant's side.

Keywords : *Application, Rent, Prototype Method*