ABSTRACT

Ribbon adventure is a private business who runs in the rental outdoor instrument for mountaineering, camping, outbond, sports, etc. As the competition on this field increases because each rental will offer it's superiority and as time goes more modern, ribbon adventure is required to provide what customer needs and follow the technology developmentt so Ribbon Adventure can survive in the middle of business competition. For these matters, the Android Based Outdoor Instrument Rental Application is made. The application is expected to be an alternative for outdoor instrument rental reservation becomes more efficient. The method used in this program construction is waterfall method. The tool taht is used is android, codeigniter and sublimetext. This application helps outdoor instrument rental business process that is done by Ribbon Adventure so the manual processes that usually done using papers can be processed accurately using computers.The test carried out on this research is using blackbox testing. After the testing is done, customers can do online rental of the outdoor instruments using their android based gadgets and don't have to come to the shop to do reservations.

Keywords: Waterfall, android, CodeIgniter, Sublimetext and Ribbon Adventure