ABSTRACT

Name	:	Erlan Sunarno
Student Number	:	41514320021
Counsellor	:	Giri Purnama, S.Pd, M.Kom
Title	:	Designing and Making Search for Mount Gede Pangrango Climbing Post Based on Android Mobile

Mountain climbing is one sport that is popular with many people. However, for climbers it must require a lot of information. Very important information includes compass info and routes to reach the nearest mountain climbing post with the user's position. Therefore we need a system that can know all the information needed by climbers. In addition to the mountain climbing that is popular with many people, Android is also one of the mobile phone technology that is growing rapidly and is also popular. The appropriate method in developing this system is Prototype. In this prototype method, the phases of software development will be explained, starting from the phase of determining user needs, building the system design to the testing phase. So the application was made to find a mountain climbing post along with a route and a digital compass that would make it easier for mountain climbers.

Key words:

mountain climbing post, android, closest route.