

ABSTRACT

The rising of the trips made by tourists in the archipelago resulted in very high mobility. This can be linked to the backpacker. Backpacker can be said to be a person who loves to travel. The backpacker sometimes difficult to find a route or path to a place that you've never visited before. These problems can be solved by building a searching of public transportation route application by using the concept of crowdsourcing.

The application of crowdsourcing allows user to interact with another user in information gathering. The method applied in this study is extreme programming. The phases that performed in this research, are exploration, planning, iteration to release and productionizing. The application are built using android platform.

The result of this research are mobile application of public transportation route search using crowdsourcing concept called pangkot. This application can accommodate the users to share information about public transportation around Indonesia. This application was built to address the problems experienced by tourists or backpackers as well as people who travel frequently by using public transportation.

Keywords: *mobile application, android, extreme programming, backpacker, public transportation routes*