

ABSTRACT

DEVELOPMENT OF BUDGETING MODULE ON ANDROID BASED BACKPACKER APPLICATIONS IN BACKIND STARTUP

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Decision making problems frequently occur for tourists in determining tourist destinations. Information about attractions is necessary to enable the tourists to choose their destinations. Backpacking is one of the trips carried out by tourists. It is an independent journey in which anything related to traveling is managed by the traveler himself. The BackInd (Backpacker Management System) application is an android-based tourist management system which is designed to provide informations about tourist attractions. Tourists can book and purchase tickets for tourist attractions and homestays through this application. Finding tours which are suitable for travelers' budget also become a problem. Therefore, the Budgeting module, equipped with mobile-based feature, is developed as a solution to overcome this problem. This study uses the Rapid Application Development (RAD) method. The reason for choosing this method is because the application development using this method is fairly short and focuses on customer needs. The results of this study are the implementation of the budgeting module in the Backind application so that tourists can choose tourist attractions and homestays which best suit their budget.

Keywords: budget, android, Rapid Application Development