

ABSTRACT

Trains are one of the modes of transportation owned by the State. Trains become the most popular transportation in Java due to free from traffic. At this time, the purchase of train tickets can be done in the apps. Some apps give policy points on every airline ticket purchase, but not on the purchase of train tickets. In fact, the demand for trains ticket is not inferior to the demand for airline tickets. The amount of discount given to train passengers is also small. Discounting is an important factor in sales.

Discounts are discounts given by the seller to the buyer. Discounting has a purpose to attract customers in making transactions in the apps. Discounts have several types of policies, such as quantity discounts, seasonal discounts, cash discounts, and functional discounts. In this apps, the discounting policy used is a combination of quantity discounts with seasonal discounts. The apps will display the types of discounts given to the customers according to the points they have. Total of points can be seen in the app. Points are earned from total ticket purchases and delays. In addition, information about the discounts will also be displayed in the apps. The data will be stored in the cloud server. These apps are based on android webview. Android webview is a component system from Chrome that allows apps to display web content. So, some page views in the apps will look like web views.

The test results are 72,5% for apps display, 82,5% for apps usage, 76,7% for feature function in apps, 74,2% for available information in apps, 78,3% for discounting module in apps, 83,3% for increase purchases because discounting module, and 82,5% for user satisfaction with discounting module and delay compensation module.

Keywords: Discounting module, ticket purchases, trains, apps.