ELECTRONIC SHOPPING COMPARISON SYSTEM

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Abstract

In Sri Lanka, finding the ideal electronic item according to user requirements is a very difficult task due to the various amount of shops available both offline and online which sell products at different prices, brands, specifications and offers.

Electro-Cart's aim is to bring a new experience into the overall electronic shopping process by providing user the opportunity to find out the best products available in market. Firstly, all Electronic Stores (e.g. Abans) are onboarded into the system with their available products. A mobile application is developed to find various products in different Electronic Stores and compare item prices, specifications, offers which support the buying decision making. The most significant features in this application is user to view the electronic items in Augmented Reality (AR) mode, get personalized recommendations and order tracking in real-time. Furthermore, it allows users to rate/ review products and Electronic Stores building the trustworthiness towards the platform and giving user a flawless experience. It is a great opportunity for Electronic Store owners to increase sales of their products and grow their customer base in reaching a wider range of market.

The business and IT solutions were both evaluated by Electronic Store owners and customers. The success rate of the project was highly rated by the relevant users.

KEYWORDS- Electronic Shopping, Electronic Stores, Android app, Augmented Reality, Trustworthiness, E-commerce.