

Android Application on Checking Halal Product Based on Augmented Reality

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Abstract : This study was conducted to develop an application that provides Augmented Reality experience in identifying halal food products and beverages based on Malaysian Islamic Development Department (JAKIM) database for Muslim consumers in Malaysia. The applications is operating on the mobile device using the Android platform. This application aims to provide a new experience to the user how to use the Android application implements Augmentation Reality technology The methodology used is object-oriented analysis and design (OOAD). The programming language used is JAVA programming using the Android Software Development Kit (SDK) and XML. Android operating system is selected, and it is an open source operating system. Results from the study are implemented to further enhance diversity in presentation of information contained in this application and so can bring users using these applications from different angles.

Keywords : android, augmented reality, food, halal, Malaysia, products, XML

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