Title: PRICE-SEE: AN ANDROID BASED APPLICATION FOR MARKET PRICE MONITORING AND SECURITY IN MAJOR WET MARKETS OF DAVAO CITY UTILIZING GEO-TAGGING AND SCALABLE VECTOR GRAPHICS

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ABSTRACT

This study focuses on the development of a Mobile application featuring geotagging and data visualization. It introduces the major markets in Davao City in which the researchers focused on the concern of the users of the application in terms of knowing the latest price of the product and to update prices. In the admin side, they have encountered a hassle in terms of collecting the costs of different products because they collect one-by-one in the random store and calculate the low price manually, high price to set the suggested retail price or the prevailing price in every wet markets and they have a worry in knowing of the overpriced products by the vendor. The costs of the product will depend on the place if that certain market is far from where they get the source. To address these problems, the researcher comes up with idea to answer the concerns. The researchers developed a mobile application in price monitoring in major wet markets of Davao City by utilizing such technology like React Native Framework to compile the entire project and by creating an APK file. The users also used Google API for location tracking and also identified the location of the consumer who sends the picture as evidence of the report violation. This application will benefit all the users who need and especially for those who are the buyer and vendor of goods within Davao City.