

## ABSTRACT

*This research was conducted to determine the success of making an application withan HTML game engine that can open a streetview through an iFrame, the final result of the developed application will be in the form of a website application. Streetviewdata retrieval is done using Google Maps which will then be directed to the HTML5 game engine, then after creating an interactive menu on the application, the application will then be placed on the hosting so that it can be accessed online. This research produced an application that can hide the game engine program code if it has been placed in online hosting. Based on the questionnaire distributed to 22 respondents, generating data using ISO 25010 testing proves that the application for travel guides and souvenir shops in Lampung province uses Google Street. Viewand Game Engine Based on HTML5 are suitable for use with the Functionality Aspect of 87.2%, the Efficiency aspect of 85.6% and the Uability aspect of 86.3%while using the PIECES analysis it is concluded by looking at the initial goal of providing information to users and providing comparison according to the object selected by the user is in accordance with what is desired so that you can find out what object is displayed.*

*Keywords : game engine, streamview, HTML5, PIECES, ISO 25010.*