

ABSTRACT

Head Up Display (HUD) is a transparent display that presents the look of the data without having the user divert their initial view. Initially HUD was only used on warplanes in the 2nd world with the advent of HUD technological advancements now being developed on cars and helmet. So hopefully with the presence of this technology on the car can reduce accidents in driving. one of the causes of road car accidents due to lack of concentration and division of the focus of the user at the time of driving. But this HUD technology is only found on precious cars. In this final project, the authors provide solutions for motorists who want to enjoy this technology in his car. By using android devices that have been installed HUD applications then people who have a car can use HUD technology. In this HUD application, the researcher designs two HUD display that is HUD city view and HUD toll road, it is expected with two display of HUD user can adjust the HUD that want to use, this application get the functionality failure value of zero hence can be concluded this application function properly. The results of the survey of this application that has been filled by 36 respondents get the result that the two views are provided by the author helps user in driving using the car and information most needed user in driving is Navigation, Fuel, and Speed

Keywords: *Head Up Display, Android Device, Concentration, Accident*