

## **ABSTRACT**

### **SIMULATION GAME DESIGN OF PASSENGERS SAFETY AIRCRAFT**

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The needs of each person for traveling is increasing every year. Especially, aircraft transportation users, that are increasingly in demand because of its ability that is efficient in terms of time, terrain, and mileage. Additionally, a transport aircraft that are currently categorized as the most advanced means of transportation. However aircraft transportation still has the risk of accidents like other transportation.

The availability of facilities for the safety of airline passengers is an obligation that must be owned by the airlines. However the efforts made to disseminate to the public is still lacking. The aim of this study is to design a medium that gives knowledge of safety facilities on the aircraft so that in the event of an accident, passengers understand what to do in order to survive.

To answer the above problems, the authors tried to obtain the required data through observation method on the object of research, library research, interview with relevant sources and distributing questionnaires to the respondents who represent the target audience. Then the author did designing the appropriate media based on the data obtained. Media generated from this final project design is an application simulation game about the safety passenger aircraft that operated via smartphone.

Hopefully, by the result design of this Final Task, will be able to reduce aircraft accident victims, as well as providing information necessary passenger aircraft to prepare for their flight.

Key Words: Application, Game, Education, Safety, Flight