DEVELOPMENT OF SKILOT SURFBOARD DESIGN AS A MEANS OF MUD SURFING TOUR RACING FROM DESA LEKOK, KABUPATEN PASURUAN, JAWA TIMUR

Nama : Aristya Rahadian
NRP : 3408100028
Department : Industrial Product Design, FTSP – ITS Surabaya

ABSTRACT

Awareness of the importance of the role of arts and culture in the development area began to emerge among the people, stakeholders and the Government of Pasuruan. Including Lekok’s villagers, Pasuruan regency which has an annual tradition of holding a surfboard mud racing contest 'Skilot' every 7th day after Eid. This activity served as an silaturrahmi between coastal residents.

In order not to be eroded by the times, required the development of a modern facilities to make it more attractive, can be enjoyed by the younger generation and more widely known by the public. Current problem lies in the lack of development 'Skilot' board to make it more attractive and modern design, the use of unsuitable materials, ergonomics board that does not fit the use, and the lack of a mechanism that allows the board surfboard glides easily and is stable in a muddy area.

It is necessary for the study based on analysis of needs and adaptation of existing style trends in society that adapted to reference the latest product technology. To quantify the results of the design process required rate test board with scale models.

The result of design proccess and experiment test is an attractive mud “Skilot” surfboard, stabel in straight track, lighter, and comfortable to use with two ponton hull type and unfix rudder system. From this concept has been created a 3D image, engineering drawings and prototypes.

Keyword : Development design of "Skilot", modern, needs analysis, adaptation style trends, the latest product technologies, interesting