

## **ABSTRACT**

*Situ Patenggang is a tourist attraction located in West Java, Indonesia. Situ Patenggang is included as an environmental conservative area at Patuha Mountain that causes every facility that didn't move or permanently build on the lake are prohibited. Some facilities available at Situ Patenggang are very limited, which are saung and community boats that provide all attractions on the water. Saung is the only facility built on land that is the destiny for all tourists that vacation is for relaxing and doing some family activities like botram or eating together, taking photos, and many more. With saung being the main facility on land, security and comfort of this facility are the most important things. The looks of the saung too is one thing that needs to be taken into consideration to attract tourist interest so that its appeal doesn't lose from Glamping Lakeside, a tourist attraction that is still in the same area with Situ Patenggang. Therefore saung facilities in Situ Patenggang must be the main attraction that can be offered to tourists. However, there are still a lot of problems from the management of saung facilities in Situ Patenggang. One of the problems is the lack of maintenance and a bad structure choice to be used for saung in the lake area which the lake water is tidal and can raise to saung base level or more. With these problems, it is needed to solve to improve the existing saung in Situ Patenggang. Here, the author uses analysis through aspects of the system with observation and SWOT method to analyze and fix the system and the application that will be applied then. To make the saung look more attractive, Sunda cultural elements are added to the design and given modern looks with newest materials like membrane. And the problem solving for lack of maintenance because it's hard to change the parts is that the system that will be used is referred to a portable system, where damaged parts can be replaced easily because the spare part from the fragile part is available with the same shape and size. This system concept is then realized by making the prototype so that the system can be seen and can be counted how efficient and if the concept could fix the problem or even vice versa.*

*Keywords : tours , lake, saung, system, structure.*