

## **PROJECT ABSTRACT FOR FINAL SUBMISSION**

**Project Title: Post and Floater**

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**Course: Design 1**

**Studio Brief Title: MASH-UP**

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### **Short Project Description (100 words max.):**

Talat Noi Community, an old industrial and dense community, connects to Chao Phraya River. It has an over-pollution problem from old mechanical parts and trash which need to be recycled. Therefore, turning these unwanted trash to be "Post and Floater" for environmental and tourism purposes can benefit the community economically and environmentally. The posts act as river lane dividers and floater lifters. The floaters act as floatable moving platforms for tourists to enjoy the atmosphere around Talat Noi and the river. With this project, people can commute faster and safer, and the community can benefit from tourism and reduced trash.

### **Full Project Narrative/Text Description (300 words max.):**

Talat Noi, an old industrial community located in Bangkok, is attached to Chao Phraya River. For decades, it has had a pollution problem from old mechanical parts which need to be recycled. Therefore, turning these unwanted trash into engineering structures in "Posts and Floaters" Project can be beneficial to the community economically and environmentally.

The posts function as lane dividers in the river and piers for the floaters. The post can be expanded from 7.6 - 15.7 meters. It can elevate a floater up to 3 meters above the water surface which adds more variety of the river and the city views. The posts are made from aluminum which have low density and high durability against rust and erosion.

The floater is a moving platform which makes it a new way for traveling around Chao Phraya River and Talat Noi. The floaters are made from recycled materials in Talat Noi. The floater has a ball socket which connects them to the post, a rotatable bridge to help travelers get on it, and a motor for moving forward. To travel on the floaters, the passengers have to book it from a mobile phone, then they wait for 5 - 10 minutes before the floater arrives. Afterwards, the floater will take them around the river, and when the time is up, the floaters will return to their original post.

In conclusion, "Post and Floaters" is a project that will provide new experience in commuting and absorbing Chao Phraya river atmosphere. The posts make travel safer. The floater is a faster way for traveling around the river area. The project helps Talat Noi by recycling the materials from the community. Lastly, the project also helps Talat noi economically by drawing tourists to the community and making the area truly thrive.