

MAKKASAN REFLECTIONS

BAD life quality, BAD water quality, CROWDED, NO proper fishing area, and too much of Black Chin Tilapia fish all happened around Bueng

Makkasan. This project creates a new experience of fishing and a fishing area for the surroundings. The system in this area will be **all connected together by the pulleys and wire bridge**. Krachang Machine and Bamboo Platform are the main fishing spaces that can treat the water automatically when people start to activate the fishing machine and people would not realize it that you just came for fishing but you also make benefits for the surroundings already.

Fishing game, bubble gun, and cassette tape are the objects that I chose from phase1.1 and I used the system from these objects to create a design. FISHING GAME: fishing style and concept, BUBBLE GUN: systems that are connected inside to create a bubble that people enjoy but did not care about the mechanic inside, and CASSETTE TAPE: connection between 2 sides that if one side works other side must work too. Then, I chose Bueng Makkasan to be my site and I saw a lot of problems in this area. There are a lot of fish that could destroy marine ecosystems fishing on the tolls and polluted water. So I decided to design a fishing area in Bueng Makkasan. Krachang is a Thai traditional fishing tool so the design of the machine is developed from Krachang. This platform will invite people to get rid of Black Chin Tilapia fish by the fishing machine. Moreover, the water quality in this pond should be improved too but nobody wants to come here to just filter the water. WHAT IF? Those water filtration systems are connected to fishing machines and can treat the water within itself when people start to fishing, so it forces local people to filter the water too. "You came to this place and want something from it. But you need to give benefits back to the surroundings too." Krachang Machine, Bamboo Platform, Wire Bridge, Pedal Boat, and Pulleys are the components in this machine.

The Krachang Machine needs to activate as a group because it is a big machine that could kill a lot of fish. It means that **more people come, the more fish you get, the less people come, the less fish you get**. Krachang is also connected to a water turbine and it will activate when the machine is working and it will treat water within itself without realizing it(DO ONE THING BUT GET TWO). Mesh Bridge is connected to every platform together and it is a space for resting and fishing. Local people can come to this bridge and have time with their family or friends. Furthermore, the bottom part can trap the fish by the weight of people. If people are a lot on top of the bridge the fish trap will go under the water level and fish can come in through the hole and if people go out the bottom will come and local people will come and collect fish.

Everything in this design is connected by pulleys and wire bridges. The space could be fishing space, resting area, gathering space or even picnic but the main purpose of the design is to **make better life quality for Makkasan community and create the machine that would be benefits most.**