

Playful reflections of Khlong Bang Luang is a project to create more interaction between people and the water canal in Khlong bang Luang floating market and also create benefits for the environment and community. Khlong Bang Luang is a popular place where tourists gather and is also a place where local people in Khlong Bang Luang live. The design got inspired from cog wheel toys and this space is designed for both tourists and local residents. It offers a fun and engaging place where both visitors and locals can enjoy playful displays, hands-on activities like feeding fish, and cleans the water canal of Khlong Bang Luang in a funny way. It aims to attract more visitors, support the community, and become a lively landmark that connects people with the market's unique canal setting.

The project begins with 4 objects, a cogwheel truck toy, fan, heater and music box, all of these objects have something that is connected and similar, which is the motion of rotation. So I am interested and want to develop it further. After that, when I chose the site and went to Khlong Bang Luang floating market, I saw the problem that the floating market lacks interaction between people and the water canal, making the floating market here not as lively as other floating markets in Thailand. And the problem of the canal water that is not clean enough. So I started thinking of a design that would be beneficial to the environment, locals and tourists. So it came out as this floating machine. The first floor will be the engine part. The second floor will have a foldable ladder that will open when the boat docks and people can go up. The functions of this will be 1. Hyacinth cutter Because water hyacinth blocks sunrises, causing water pollution and blocking the boat path. 2. Waste sorting machine 3. Garbage clawing machine 3. Fish food maker from leftover food 4. Automatic food seller machine 5. Water filter 6. Fish food feeder 7. Eating area. Since my project started from toys, I wanted to keep this concept and my theme from the first phase, the cog wheel that I was most interested in, so I applied it to everything on this design, including all my things that are linked from phase 1. My design mainly works with 3 energy sources that are Wind energy from wind turbines, Water energy and hand motion energy So my project will be about taking care of the environment in a fun and beneficial way.