D——Describe objectively what I learned (Date and Analysis)

Nowadays, the environmental problem is a complicated problem that we humans face. It contains many aspects, and the problem of marine pollution has always been one of the hot spots of global concern. When plastic pollution has become a hot spot for marine protection, we naturally overlooked another aspect-fishery pollution. Fishery is a necessary activity for subsistence, and fish meat has become indispensable in people's daily lives.

According to estimates by the 'Food and Agriculture Organization of the United Nations, more than 640,000 tons of fishing gear are discarded in the sea each year, equivalent to the weight of 50,000 double-decker buses'. Some fishing nets abandoned in the ocean are larger than a standard football field after unfolding. These abandoned fishing gear in the ocean cause at least hundreds of thousands of marine animals such as whales, dolphins, seals, and sea turtles to die every year; at the same time, the fishing gear that sinks into the seabed will change the living environment of microbes on the seabed and block the crevices of coral reefs. It will cause local hypoxia and cause the death of marine animals. And discarded fishing nets are only one aspect of fishery pollution. Commercial fishing, as a necessary activity for fishery to maintain a livelihood, has also caused great harm to the ocean. Overfishing will make us have no fish to catch in the future.What's more,the method of fishing has become a fatal problem that destroys the ocean,and the most devastating method of fishing is trawling. Fishermen use heavy trawl nets to drag the seabed and destroy the seabed, which is equivalent to driving a bulldozer to level the Amazon virgin forest. The seabed cut by trawling operations is estimated to be as high as 3.9 billion acres each year, which is equivalent to cutting 4,316 football fields per minute.

Through these data, I learned that the harm that fisheries brings to the ocean is not only in pollution, but also in different degrees of harm to marine life, the seabed and the environment in which marine life lives.

So my tutor suggest me kept trying new ideas to express my point of view. And then I watching different types of documentaries and books, I concluded two keywords entanglement and destruction. Based on these two keywords, I collected some information about Fishing gear items, and through experimental attempts to change the shape of these items, using myself as an animal to experience the feelings of fishing gear, and taking some photos to provide a good prerequisite for my project.

I——Interpret the insight (Insight and Source)
'Although sea-based sources make a significant contribution to micro plastic pollution in marine areas, many studies focused only on land-based sources, which are considered the main sources of micro plastic pollution.Fishery activities, involving capture fishery and aquaculture, are important sea-based sources that should receive more attention'.

From this perspective, whether it is people or official big data, it is common that the main pollution source of people comes from land, and the reasons why fishery pollution is ignored by people can be analyzed from the following two aspects:

1.In the documentary 'Fishery Conspiracy', the director mentioned that '46% of the garbage belt in the Pacific is made up of discarded fishing nets. You can find traces of fishing gear even in the most remote waters on the planet. These rubbish and the Marine Conservation Organization's official website are silent on how to deal with fishing gear. On the websites of these organizations,

99% of the content is mainly to resist plastic straws. The plastic straws discharged into the sea only accounted for 0.03% of all plastic waste.'It can be drawn from this that one of the reasons that people ignore is that the various ocean protection organizations mentioned too little information in this regard, and people cannot Get more effective information from official sources.

2.On the other hand, 'Similar to many Southeast Asian countries, industrialization and urbanization in the Beibu Gulf area are of a low degree, and fishery is a pillar industry, but it lacks relevant effective management measures'(*Xue, B,2020).*At the same time, the Marine School Sylvia said, 'if people continue to fish wild waters in the present, it is expected that by the middle of the 21st century, commercial fishing activities will cease to exist, because there will be no sufficient catches at that time'. In fact, people don't know how seafood is caught ashore, and only a few people are only concerned about whether marine mammals and seabirds have been slaughtered during the fishery production process. But in fact, the killing of marine mammals and devastating fishing methods in the fishing process have caused great harm to everything in the ocean.

Therefore, not only are some of the official marine conservation organizations that we are familiar with must fill in the vacancies in this area, people must also learn more about the problems behind fisheries, and because fisheries is a livelihood industry and a necessity in people's daily lives.Fundamentally, we cannot stop fishing,this requires people to spontaneously change their neglected attitudes so that they can do their part in marine protection.

E——Evaluate what I learned (Choice and Influence)

At the beginning of the project, because of the wide range of topics, I was still unable to determine what form to use to convey my thoughts. Therefore, I had not made any progress during the preliminary research process. After communicating with my tutor Danny several times, I start trying to see more works of art and change your mind to look at other aspects of this topic.

After determining the main direction and themes, I started to search various projects to develop my own ideas. In fact, most of the projects are promoted by web pages, and I think web design sometimes cannot really attract people's attention. So finally decided to use the form of publication to arouse people's attention and empathy on this topic, this led me to design a book that was interactive and visually strong. When people are no longer sensitive to words, strong visuals are more likely to get people's attention, so I included my own photography in the book, and through my own attempts to express the emotions I experience and at the same time convey them to the audience. There is always a wide range of topics that people in different fields can see and put a little bit of power into their own. This is what I learned in this project.

P——Plan how this learning will be applied in practice（Output and Summarize)

In this project, I mainly considered the overall style and text layout design. The difference is that I tried to use the Grid Layout Design Style to unify the overall layout.'Grid layouts are used by designers to spatially organise user interfaces when sketching and wireframing'(Dayama,N.R,2020).Based on the layout under the grid system, using visual imbalance and grey scale disproportionate presentation to combine text and images based on the use of a grid system for the layout; secondly, I used bold and original photographic works as the background for the pictures, and re-evaluated the image processing methods,

while ensuring the visual balance of text and pictures,and also to protect the information I want to convey.So in the process, I experimented with this style to create a clear and aesthetically pleasing layout and to enhance the viewer's comfort.

However, I also encountered problems with the printing process, as I tried various types of binding but was unable to achieve the perfect result due to technical limitations, and there were many errors in the printing of the layout,this process also took a long time. Although the finished product was successfully completed, the effect did not meet the perfect expectations. More,there was a lack of testing with users, and some interactions in the book could not be shown because of the inability to conduct offline exhibitions. These are also the shortcomings of the project.

Throughout this project I kept the idea of exploring new directions to delve deeper into my problem, and through constant iteration and research to find a more accurate direction. Interaction design as a subject I am studying at this stage, how to use critical thinking to solve problems and create new things is my biggest gain, at the same time, I have seen a lot of art exhibitions while doing innovation, through watching different types of art exhibitions, also let me see and learn how others express their works in different ways from different perspectives, there are a lot of ways that I can't think of, in my future study In my future studies or career I should also learn to experiment with more forms of creative work.

So far, the end of this project announces that my graduate study is also coming to an end, but I know that I have only just begun my journey in design and I still have a long way to go. I am very grateful to my tutor——Danny,for all his help and guidance during this year, and every time he has always let me develop my own ideas and given me many good examples to learn from.This

stage will also be an unforgettable experience in my life. More importantly, I will maintain an attitude of exploration and innovation to deal with the challenges that I will face in the future. This is also my biggest reward of this year.

Reference:

Xue, B., Zhang, L., Li, R., Wang, Y., Guo, J., Yu, K. and Wang, S., 2020. Underestimated microplastic pollution derived from fishery activities and "hidden" in deep sediment. Environmental science & technology, 54(4), pp.2210-2217.

Bilibili.com.2021.[online]Availableat:<https://www.bilibili.com/video/BV1CK4y1272s/?spm_id_from=333.788.videocard.0> [Accessed 13 December 2021].

Dayama, N.R., Todi, K., Saarelainen, T. and Oulasvirta, A., 2020, April. Grids: Interactive layout design with integer programming. In Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems (pp. 1-13).