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## Study of the Graduation Design Course Teaching Practice- Taking the Lonely Dog as an Example

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**Abstract** Graduation design is a compulsory subject for seniors because this year-long curriculum training helps students integrate theoretical knowledge and practical ability. In this article, it has been observed that there is a growing number of stray dogs. This study considers that animal abandonment is inhuman and causes many environmental hygiene problems; therefore, this issue is worthy of public attention. Consequently, the group used the theme lonely dog for its theme design. The dogs for adoption were photographed digitally in conjunction with the existing system implemented by animal shelters. These pictures were then visually edited and distributed through the Internet to promote the concept of adopt, not buy. This encourages those who want to keep pets to adopt dogs, thus easing and solving the current situation of stray dogs. This design can also provide follow-up reference for the teaching practice of the course.

**Keywords** Graduation Design, Lonely Dog, Photographed Digitally, Visual Design

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### Introduction

The graduation design course gives students an opportunity to integrate and apply the theoretical knowledge that they have learned and practical ability. Secondly, choosing an interesting, easy to elaborate design theme is also an important key to the success of the results. During the guiding process, the teacher also discusses and gives suggestions regarding the appropriateness of the subject and the expected results. If the teacher and students have a tacit understanding of one another, the results of the cooperation are usually better than expected.

In addition, various dilemmas and problems will be encountered during the design process. It is necessary for the members to find a feasible solution by means of discussing with one another or with the instructor. Hence, communication and coordination with one another, as well as mutual trust and understanding, are particularly important. Not all member of the team is strong in teamwork, but each person can be in the right position and do the right thing. If the group can't decide, then the teacher must give assistance.

### Literature Review

Some studies have looked at the parasites in stray dogs and cats of different genders and ages in various regions of Guangdong, China. The results showed that these stray dogs and cats are potentially at risk of contracting zoonotic diseases. Different risk factors have different infection impact on various genotypes [7]. Other studies investigated the parasites in stray dogs in Northeastern Iran. The data obtained from the expected experimental results can provide health and education authorities effectively achieve disease prevention and control [6]. There are also research that recommended adoption instead of buying. Neutering can also solve the problem of the increasing number of stray dogs [1].

Various studies have pointed out that the increase in the number of stray dogs is an urgent problem that needs to be dealt with globally, especially in developing countries. As stray dogs migrate from the south to the north, zoonotic parasites are more likely to spread everywhere. Poor countries with low public health standards are especially at threat [2,3,5]. There are also studies that compare the parasites in domestic dogs and stray dogs.



The results show that the definition of parasites for human and animal symbiosis needs to be clearly defined in order to present a more specific risk assessment of various parasites [4,8].

According to reference literature, the problem of parasitic disease caused by the increase in the number of stray dogs, coupled with a wide variety of conditions, not only causes medical burden but also gives rise to concerns about health and safety. Experts have performed many experiments and discoveries with regard to health care. Pertaining to the keeping of pets, they recommend that adoption be replaced by buying and that neutering be carried out. This is the purpose of the group's graduation design creation.

### **Creative Design**

The Graduation Design course emphasizes the application of theoretical knowledge to the creation of practical merchandises. The presentation of results must be creative and novel. Furthermore, it must provide design solutions that people can use to solve problems. Lighter and more convenient product design can be made or more pleasing visual designs produced to give everyone a better life. These are the key points that teachers must constantly emphasize and teach when guiding students in the creation of graduation designs.

The time and place of the Graduation Design classes are flexible. As long as the teacher and students verify with one another, discussions and teaching can be carried out. During the process, team members must have a fixed schedule for discussion with the teacher. The teacher can also give timely suggestions and opinions as a reference for group improvement. If students encounter a bottleneck and have not way of breaking through, teachers can point to possible ways out to help them solve the problem.

From start to finish, the graduation design course takes about 1 year. The members of the group must participate in each discussion. They must also explain the creative concept of the work. The teacher can clarify the concepts of some problematic areas to the group, confirm their style, and select works with better quality as the basis for the presentation of the results.

### **Design Results**

The theme of the group's graduation project is the lonely dog, which aims to reduce the number of stray dogs by taking digital pictures of the dogs for adoption and artfully editing them. Through live webcasts or setting up of stalls, the concept of adopt, not buy was promoted for the purpose of reducing stray dogs. The following is the presentation of the results of the Study of the Graduation Design Course Teaching Practice for this group (figure 1).













Figure 1: Design results

## Conclusions

Due to the public's practice of abandoning of dogs, the current stray dog situation has gradually affected the quality of life and health of human beings. Therefore, the team cooperated with existing institutions to help take photos of dogs for adoption and promote the designs of some goods based on the theme. This was done to encourage people to adopt, not buy pets in order to reduce the number of stray dogs. In general, the results for the innovative research and development of this study are summarized and illustrated below:

- i. Awakening public attention. The increase in the number of stray dogs affects the city's appearance and causes health concerns. This deserves public attention.
- ii. Changing the concept of keeping pets. Do not abandon it if you love it. Be willing to adopt, not buy in order to reduce the number of stray dogs.
- iii. Strengthening health care measures by the government. Government units should face the issue of stray dogs and assist in the implementation of health care measures such as neutering and vaccination.
- iv. Designing assistance solutions. This group provided the public with design schemes made from digital photography for the selection of dogs for adoption. These results can also be used as a reference for subsequent research.

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