

ABSTRACT

Cats are the most popular animal kept in Indonesia, almost half of the Indonesian population keeps cats. Meanwhile, one of the health problems cats often encounter is *otitis*. *Otitis* itself is an inflammation of the cat's ear canal which can be caused by fungal infections, parasites and bacteria which cause inflammation of the cat's ear organs. To produce a product that can prevent otitis in domestic cats which focuses on cat grooming, the most significant factor causing otitis is the frequency of grooming a cat more than once a month. The water that enters a cat's ears when grooming a cat can cause colonization of microorganisms (bacteria, fungi or parasites) and result in *otitis*. Analyzing from these problems, the author will focus on designing ear cover products for cats that are used when grooming a cat. The design method the author used is design thinking method in order to meet user needs based on empathy from the designer. The results of this research are cat ear cover that are used when grooming a cat to prevent water from entering the cat's ears which can cause otitis.

Keywords: Cat, Grooming, *Otitis*