

ABSTRACT

The health of the digestive system is paramount in maintaining overall health, especially for children. Children are highly susceptible to various diseases. This is due to their bad habits of consuming different types of food without considering the contents within and their effects on their digestive system. One way to maintain digestive health is by consuming foods and beverages containing probiotics. Therefore, the aim of this design is to educate children between the ages of 6 and 12 about the role of probiotics in digestive health using an educational game media on the smartphone platform. The objective of this design is to provide learning about the role of probiotics in maintaining digestive health. The design method utilized a systematic series of educational games and a study of the role of probiotics in digestive health. The author started from the phenomena and issues related to children's habits concerning the design topic. The conclusion drawn from the conducted design is that the designed educational game can help children understand the role of probiotics in maintaining digestive health.

Keywords: *Health, Digestive System, Children, Probiotics, Educational Game*