

# UNIVERSITAS INTERNASIONAL BATAM

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*Undergraduate Thesis  
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## ***DESIGNING VIDEO OF PLASTIC RECYCLING WITH AUGMENTED REALITY USING MDLC METHOD***

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### ***ABSTRACT***

*Plastic is an artificial inorganic material composed of chemicals that are difficult to decompose so it is dangerous for the environment. The waste is an environmental problem that cause of quantity and the level of danger impede in the survival of life. By utilizing technology of augmented reality, the aim is to increase community interest in learning how to recycle plastic by means of hand creativity. The development method used by researchers is the method of Multimedia Development Life Cycle that consist of 6 stages are concept, design, material collection, assembly, testing, and distribution. The final result of this research is augmented reality videos facilitate the public to learn how to recycle plastic bottles easier.*

*Keyword: Video, Unity 3D, Augmented Reality, MDLC*