

ABSTRACT:

In recent years, many countries have developed legislations which are aimed to force manufacturers to recycle their products at the end of their life. However, before end-of-life products can be recycled, end-of-life disassembly needs to be in place. It entails large amounts of capital expenditure and time. Besides this, product designers also do not have experience in disassembling and recycling to determine the impact of various design aspects on difficulty at the disassembly stage. Therefore, there is a need for a tool to analyse the disassemblability and recyclability. This paper proposes software named as EDAS to fulfil those needs.