Abstract

Circuit stickers are circuits embedded in stickers that allow interactive devices using everyday materials, such as paper. The educational manga uses manga's characteristics, such as big eyes, large heads, and detailed scenes, to teach some specific concept in a simplified and fun way. This paper proposes a systems software called MangaSticker, which integrates the circuit sticker with the educational manga to build interactive mangas. Three test cases were presented and implemented to evaluate the usability of MangaSticker. Such test cases have been customized to support money handling skills training activities for people with Down Syndrome (DS).

References

IDC '15.

**Index Terms**

| Computer Science | Information Sciences |

**Keywords**

Interactive manga, Down Syndrome, Handle Money Skills, Circuit sticker, Paper circuit, Educational manga, Tangible interfaces