Abstract

The aim of this work is to study some helpful handwriting correction marks and propose a system that automatically incorporates the corrections made by the writer while using a digital pen. The problem is complex because the corrections have to be at the same time readable by the writer and by the machine. Even detecting a free flowing line of handwritten text has not been understood completely by machines. The spatial relations between the correction marks and the text line are systematic to the eyes of the writers and readers, yet for machines it is not systematic. Humans have an intelligence that is hard to mimic by machines. This seemingly systematic writing has not been studied in abundance. Even though the literature is abundant of printed document annotation, there are few researches which are directed towards the correction of digital text using handwritten correction marks but none is present for free flowing handwritten text. This study is proposed by the Actimage Company aiming to offer to her customers a helpful tool for automatically converting handwritten text with corrections to digital data in the form of image and digital text using their product Actinote©.