INFORMATICS INSTITUTE OF TECHNOLOGY

In collaboration with

UNIVERSITY OF WESTMINSTER, UK.

"LiveScribe Smartpen: Livescribe smartpen captures everything that you write and synchronizes them."

A dissertation by

Mr. SanjeevanJeevaratnam

2013226

jeevaratnam.2013226@iit.ac.lk

Supervised by

Dr. HapugahageThilak Chaminda

Submitted in partial fulfillment of the requirements for the BEng. (Hons) Software Engineering degree at the University of Westminster

Abstract

The motivation behind instruction and learning is frequently vanquished when devices created to aid the way toward learning isn't easy to understand or winds up turning into a diversion in the classroom because of its size. This work plans to depict a device known as shrewd pen which is another and advancing innovation that does not make diversion because of its conveyability, that is easy to use or more all its reasonable nature. Much the same as some other pen, it is a composition gadget. It is an advanced and wise pen that is quick picking up acknowledgment in synchronizing composed notes.

With the rise of new innovations, the zone of training is additionally becoming quick. By utilizing new developments educating and learning has turned out to be in fact extremely solid.

Learning is Becoming tech learning or e-learning. Teachers and understudies are getting extremely keen and subsequently study and learning is additionally getting to be brilliant. Most extreme accessible learning frameworks don't include pen and paper-based learning. Because of the development of ICTs in the learning environment it doesn't show that our customary instruction approachs have be-come obsolete. Keen examination is such a phase which permits understudies keep on learning in brilliant route by utilizing shrewd pens and papers. Utilizing brilliant paper and pen the substance composed on the paper can be changed over into computerized organize. Shrewd examination utilizing pen and paper is useful for working on penmanship in same conventional way. This paper introduces a shrewd report stage which joins work with printed and computerized substance.

Subject Descriptors:

- Applied figuring ~ E-Learning
- Technology, Infrared, Augmented Reality's

.

Watchwords: E-Learning, Digital substance, Smart Pen, Pictorial Representation of a shrewd pen, Pencasting, Intelligent Pen, Evolving Technology, Learning Management.