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Project Report on

“IMAGE BASED PASSWORD AUTHENTICATION FOR ILLITERATES”

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ABSTRACT

Image based password authentication for illiterates with touch screen interfacing provides an image based security system, which can be installed in poultry farms, houses and all kinds of domestic and industrial applications. The main aim of this paper is to provide a security system for illiterates. This system provides user-friendly environment for the users with a kind of image interaction. Here the password need not be a string of characters it can use few images, this may be easy for the illiterates to remember.

This device makes use of a touch screen sensor based graphical LCD which makes the things still easier. Using a touch interface can effectively increase operator accuracy, reduce training time, and improve overall operational efficiencies, thus keeping costs down, a properly designed touch interface can improve each operator's accuracy.

Touch screens are practical in automation, which has become even simpler with touch screen technology. Owners familiar with the icon system appreciate touch screens that make automation systems user friendly. In this paper we make use of an on-board computer which has many input and output ports. This On-board computer is also termed as micro controller. All the input and the output modules are interfaced with this control unit. The image input from the graphical LCD is processed by the controller and provides access to the user if the password received is correct. Embedded c program is used or supporting software.