



Dayananda Sagar College of Engineering

Department of Computer Science & Engineering

Title: Developing an On-Air Hand Doodle System to Secure Aadhar Biometric Scheme for Aging Society

Srividya Adiga (1DS19CS168), Srujana G (1DS19CS171), Chaithra V (1DS20CS405),
Priyanka M (1DS20CS417)
Guide: Dr. Rohini T V

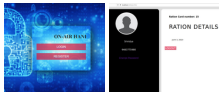
Features

- To implement a system for elderly community to provide a secure encrypted password as a hand-drawn doodle.
- This will help to overcome textual as well as biometric scheme.
- It helps more convenient to remember drawings than text based passwords and in case of biometric elderly people tends to degrade their finger prints.
- Drawing can be changed accordingly in such cases, for children also drawings are more favorable and easier to remember.
- By using traditional methods for authorization like fingerprint biometric, text password which includes special characters, alphanumeric keys in this idea we propose the use of drawings as the way of authorization.
- This system's main purpose is to accomplish 2 main goals, usability and security.

Applications

- Public Distribution System where elderly people face issues while authenticating using biometrics.
- Organization where instead of passwords employees can draw for authenticating themselves for attendance.
- E-Commerce websites can use drawings as passwords for their user shopping accounts.
- Bank where passwords are usually changed after 90 days making it tedious to remember each time drawings can be used.
- All mobile applications where registration and login process is involved.

Photos



Highlights

