

Sample Application Scenarios

OFIS is an acronym for Online Fingerprint Identification System, a System Development Kit intended for system developers or system integrators to embed biometrics feature into their solutions/systems. The SDK is made easy and user-friendly to ensure smooth integration completed within a short period of time. In addition to providing security to server(s), OFIS SDK can be applied to many other areas that require “username” and “password” system. This writing provides some sample application scenarios where OFIS can be deployed.

OFIS application is viable for places accessible by public such as in public hospital and library. Currently, the practice implemented is presentation of identification cards or membership cards for registrations.



HOSPITAL PATIENTS REGISTRATION

Current Scenario

Public hospitals have thousands or millions patients, some are regulars, some are not and some are just one-timers. As a result of this, the hospital management produces many records, which some of them belong to the same patients in different hospitals or clinics. In addition, many of these patients tend to lose the patient cards and they need to re-register for new cards.

OFIS Application

Patients who come for treatments must register their fingerprints via OFIS during registration. All the fingerprint templates will be stored in a server for future registrations use. The fingerprint templates when matched with fingerprints will produce the record number of the particular patient for easy tracking of files.

Advantages

- No overlapping patient records in the system because every patient will have his/ her own record that matches with his/ her fingerprints during registration.
- Possibility of patient records integration in the head office/ headquarters.
- No carrying of card is required because the patient needs his/her fingerprint for registration during each visit.
- Registration will take shorter time, as the system will match the patient with his/ her record.

Risks

- Internet connection availability and stability. Back up system is needed for emergency.
- Requiring a server that can contain huge database – possibility of server failure/ down.

