

# 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.



## PUBLIC LIBRARY REGISTRATION

### Current Scenario

Public library is another area where OFIS could be applied. At the moment, libraries are using card system where every member needs to register and get their card to get access to the library. Once the card is lost, you can re-register to get a replacement card. Many are reluctant to go to library because of the access card requirement and OFIS is one way to reduce the hindrance.

### OFIS Application

To be a member of a library, a person must register through OFIS where his/ her fingerprint will be stored at the main server of the public library. The fingerprint template of a member will be associated with his/ her library record, which will detail every activity he/she has done in the library.

### Advantages

- When the fingerprint is stored at a main server, therefore the identification/ verification can be done online. This means that every member can get access to any libraries that are associated with the main library without having to produce a library card to confirm membership.
- The libraries are able to keep track of the book(s).
- A part from that, the system can be written to accommodate the borrowing/ returning of books via the use of fingerprint.

### 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.

