

EXISTING SYSTEM

MANUAL ATTENDANCE

At present attendance marking involves manual attendance on paper sheet by professors and teachers but it is very time-consuming process and chances of proxy is also one problem that arises in such type of attendance marking. Also, there are attendance marking system such as RFID (Radio Frequency Identification), Biometrics etc. but these systems are currently not so much popular in schools and classrooms for students.

FINGERPRINT BASED RECOGNITION SYSTEM

In the Fingerprint based existing attendance system, a portable fingerprint device needs to be configured with the students fingerprint earlier. Later either during the lecture hours or before, the student needs to record the fingerprint on the configured device to ensure their attendance for the day. The problem with this approach is that during the lecture time it may distract the attention of the students.

RFID (RADIO FREQUENCY IDENTIFICATION) BASED RECOGNITION SYSTEM

In the RFID based existing system, the student needs to carry a Radio Frequency Identity Card with them and place the ID on the card reader to record their presence for the day. The system is capable of to connect to RS232 and record the attendance to the saved database. There are possibilities for the fraudulent access may occur. Some are students may make use of other student's ID to ensure their presence when the student is absent, or they even try to misuse it sometimes.