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## **Abstract**

Attendance plays a vital role in evaluating a student. The traditional method of taking

attendance manually is very time consuming and often leads to human error. This paper elaborates the implementation of Radio Frequency Identification based Student Attendance Management System using Open Source Software in a multi-user environment. The system uses python as backend for reading tags. A JAVA based desktop application is used to authenticate lecturers, run the python code and record tags in an XML file. Finally, the XML file is uploaded in the server for processing and interpreting student's attendance. User can view attendance by accessing the web portal.

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Computer Science

**Index Terms**

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**Keywords**

Rfid Rfid Tags Rfid Reader Lecturer Student Attendance.