**Literature Review**

* **Author** : Meyliana, Yakob Utama Chandra, Cadelina Cassandra, Erick Fernando
* **Published on** :  05 February, 2021
* **Title** : Recording of Student Attendance with Blockchain Technology
* **Abstract** : This research uses qualitative methods using several techniques, such as FGD with experts and literature reviews. The simulation results are carried out directly by comparing the existing system's attendance logs with multichain results. This research produces a product that can be used to implement and become solutions in recording student attendance.
* **Pros** : Collect and store data automatically, Possible to update and maintain attendance records
* **Cons** : Increased equipment expense.
* <https://pdfs.semanticscholar.org/30b6/b19a42e00665aaed7887f7eefc1b27ae3aa4.pdf>
* **Author** : Priyanka B. Dongre, Pushpneel Verma
* **Published on** :  16 May 2020
* **Title** : An IOT Based Private Blockchain Framework for Attendance Management
* **Abstract** : The proposed private blockchain framework is implemented in python using Flask as web application framework. The data of students after scanning the QR code is added to the mark attendance block. The registration, subject creation and QR code generation blocks are generated with 0.017 seconds approximately.
* **Pros** : Shows accurate timings, Simple to operate.
* **Cons** : System is ineffective if there is no power supply.
* https://eudl.eu/pdf/10.4108/eai.16-5-2020.2303960
* **Author** : NUR SYAFIQA NABILAH BT MOHD SANOSI
* **Published on** :  JANUARY 2019
* **Title** : STUDENT ATTENDANCE SYSTEM USING BLOCKCHAIN TECHNOLOGY
* **Abstract** : Attendance is very important to every student. To make sure the student’s attendance is secure from other third parties, student’s attendance system using blockchain technology will be implemented. First one is, to prevent time consuming process for student’s attendance. Second one is, to develop a system for student’s attendance using blockchain technology. The last one is, to provided better security to this system.
* **Pros** :Possible to update and maintain attendance records, Simple to operate.
* **Cons** : Difficult to maintain and repair, Increased equipment expense.
* http://umpir.ump.edu.my/id/eprint/26987/1/Student%20attendance%20system%20using%20blockchain.pdf