

SafeSchool

A smart reporting and incident management system to ensure safety in schools

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Project Name

SafeSchool

Project Duration:

18-Feb-2019 to 20-Dec-2019

Project Description:

Develop a Blockchain based application for smart and instant reporting system (Incident Reporting) to ensure that students are safe and fully supported in schools.

Through this App school staff or parents can report any concern or incident related to child safety in school. People can report anonymously if they feel disclosing of names can be dangerous for them.

Relevant people will be alerted immediately. A case will be created for the verified issue.

Phases:

POC/Prototype: 18-Feb-2019 – 12-Apr-2019

Development: 15-Apr-2019 – 14-Aug-2019

Testing: 19-Aug-2019 – 7-Sep-2019

Deployment on Cloud & Testing: 9-Sep-2019- 30-Sep-2019

Application Publishing and Live Demo: 3-Oct-2019 – 14-Oct-2019

Campaigning & Promotions: 3-Oct-2019 - 20-Dec-2019

System Overview:

1. System should allow users to report any concern or incident in a form of issue.
2. User can report anonymously too.
3. Exact time stamp of the reported issue will be recorded.
4. Reported issue cannot be modified after submitting to the system
5. System should sent alert to relevant people immediately
6. Relevant people will do verification and create a case against it once verified.
7. System should allow assigning priority and severity to each case.
8. Exact time stamp and case description should be recorded.
9. Any update of the case will be added as a separate block of data linked with the original case.
10. No one should be able to modify the data of those blocks.

Scope:

OS: Android

Blockchain framework: Hyperledger

Cloud: IBM Cloud

Resource Planning:

Role	No of resources required	Efforts (hours/week)	Duration
Project Lead & Solution Architect	1	10 -15	18-Feb-2019 to 20-Dec-2019
Android Developer	1	10	3-Mar-2019 -14-Oct-2019
Blockchain Developer	1	10	3-Mar-2019 – 30-Sept-2019