

## **Abstract**

Attendance during lectures in colleges is generally poor. Even after repetitive reminders, students frequently ignore them. To address this, teachers use in-class assessments to promote attendance to raise these percentages. The problems, however, are never resolved because absent students can access assessments through shared links, failing the goal of the evaluation. A novel solution is required for this persistent problem. What if only the students present in the class can attend the quiz? What if we can restrict the access of the students outside the class? Imagine a method that effectively limits quiz participation to those students who are present in person. This plan details the innovation of a platform that will change how classes operate by encouraging active participation and fair assessment procedures.

## **Problem Statement**

In many educational institutions, a persistent issue occurs when absentee students use their peers to access in-class quizzes, giving them unfair advantages and assessment results.

## **Solution**

Our goal is to create a platform that restricts access to the assessment to those students who are absent in the classroom and only allows those present to access it.

## **Techniques**

HTML5, CSS3, JavaScript, NodeJS, Google Maps API, OAuth 2.0, WebSocket technology, MySQL, and fingerprint verification.

## **System Requirements**

- Efficient faculty management.
- Comprehensive student portal
- Fingerprint sensor integrity
- Customized quiz evaluation
- Compatibility and accessibility
- Data security and privacy