

Code for Good



Organization: Claylab Education Foundation

Website: <https://claylab.education/>

Mission

Claylab Education Foundation is the brainchild of 3 Teach For India (Cohort 2018) Alumni who believe that quality education should be affordable and accessible to all children. They taught Grade 10 students during their TFI Fellowship and realized that post Grade 10, quality education becomes very expensive and exam-centric for the students. The students, whom they had supported, come from families with a low income profile. Pandemic situations and For-Profit digital push in the last 1 year worsened things for all these students. Therefore, Claylab Education Foundation was founded to provide holistic and student-centric online after-school support to high school students at a very affordable price.

Context

Claylab provides academic support to students of Grade 11 & 12. It nurtures 21st-century transferable skills in the students through its CORE model based on Critical thinking, Collaboration, Ownership, Resilience, and Empathy. It builds awareness and confidence in the students through career counselling, support from mentors, and internship opportunities. Ultimately, Claylab work towards grooming all their students as leaders by providing them various leadership opportunities like student mentorship, student-led clubs, and student advisory council.

Claylab supported more than 700 students holistically in Grade 11 and 12 in the Pilot Year (2020-21). 80% of the students have either led a club or participated actively in these clubs, 10% have worked on real-time projects through internship programs. High school students from government/low-income private schools who migrated to their village during the pandemic attended Claylab online classes. Skilled workforce from different parts of the country joined the Online Holistic Education support program for high school students.

Their goal for the next 5 years is to impact at least 25,000 students with holistic and student-centric education, to build an online community of at least 1000 leaders who will work towards eliminating educational inequity. They strive to provide comprehensive, holistic and quality high-school educational support available at one platform for a very affordable price of Rs. 500 per month.



Challenge

Claylab's challenge is to measure and enhance teacher student engagement. An online platform which can help in providing real-time feedback to the teachers by the students without switching from the online session. The feedback should consists of a high level assessment of the session and feedback about the session and teacher. The platform should be able to detect whenever a student is distracted like switching between the tabs or using any other social media platforms while the session is in progress. The platform should determine the results of the engagement based on the provided feedback.

Additional Considerations

- The online platform should be able to sustain in low internet bandwidth.
- Create a reward ranking system where the student gets reward points when the provide feedback.

Technology Baseline

Claylab currently uses Zoom for conducting online classes and chat windows, quizzes post sessions to collect student feedback. They use Excel spreadsheets to generate the outcome of this feedback.