



**Organization:** Vowels of the People Association

**Website:** <https://vopa.in/>

## Mission

VOPA Foundation is working towards improving the quality of education given to students with the help of their app. They also work closely with the government and works on different programs like Teachers Trainings, Lesson Planning, Digitizing, School Management, etc.

## Context

VOPA Foundation has an application on PlayStore which can be accessed by anyone. Anyone new can login with OTP and check for all the material. Application has users as Headmaster, Teacher and Students. Teachers can login and select specific assignment/assessment for Student, who was added/registered by Headmaster in the app earlier.

Once the teacher has assigned the assessment to a specific student, that student can take the assessment and later the teacher can use the app to grade the student based on parameters given

## Challenge

At present, the assessment or test is done manually/offline. VOPA is looking to automate and standardize this system using this mobile application. They want a module that can be used by the teachers to assess the students on literacy.

This system should assess the student based on the ability of a student to read and understand the words or sentences.

## Additional Considerations

Assessment of a student on Numeracy.

## Technology Baseline

Technology solution currently used:

1. Frontend Web and Mobile app: React and React Native Frameworks
2. Backend: Django
3. DB: MYSQL and MongoDB