

Smart Sahaayata

DEVELOPED BY
ARNAV SUMAN &
SIDDHARTH FOTEDAR ,
VISHWA BHARATI PUBLIC SCHOOL
NOIDA





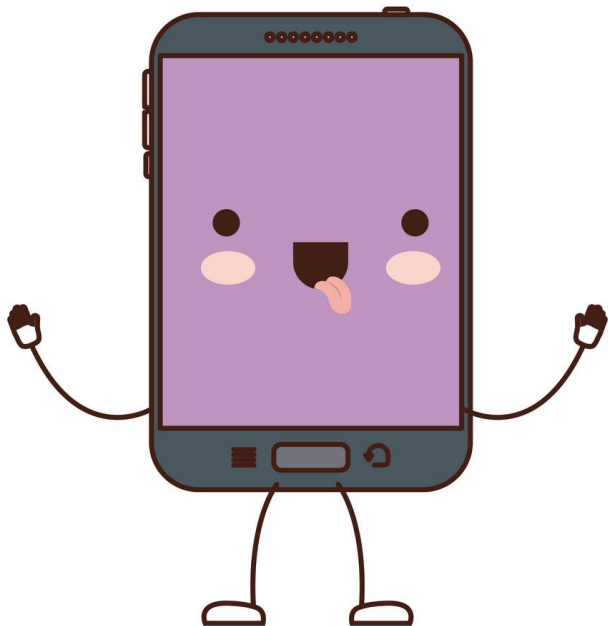
PROBLEM

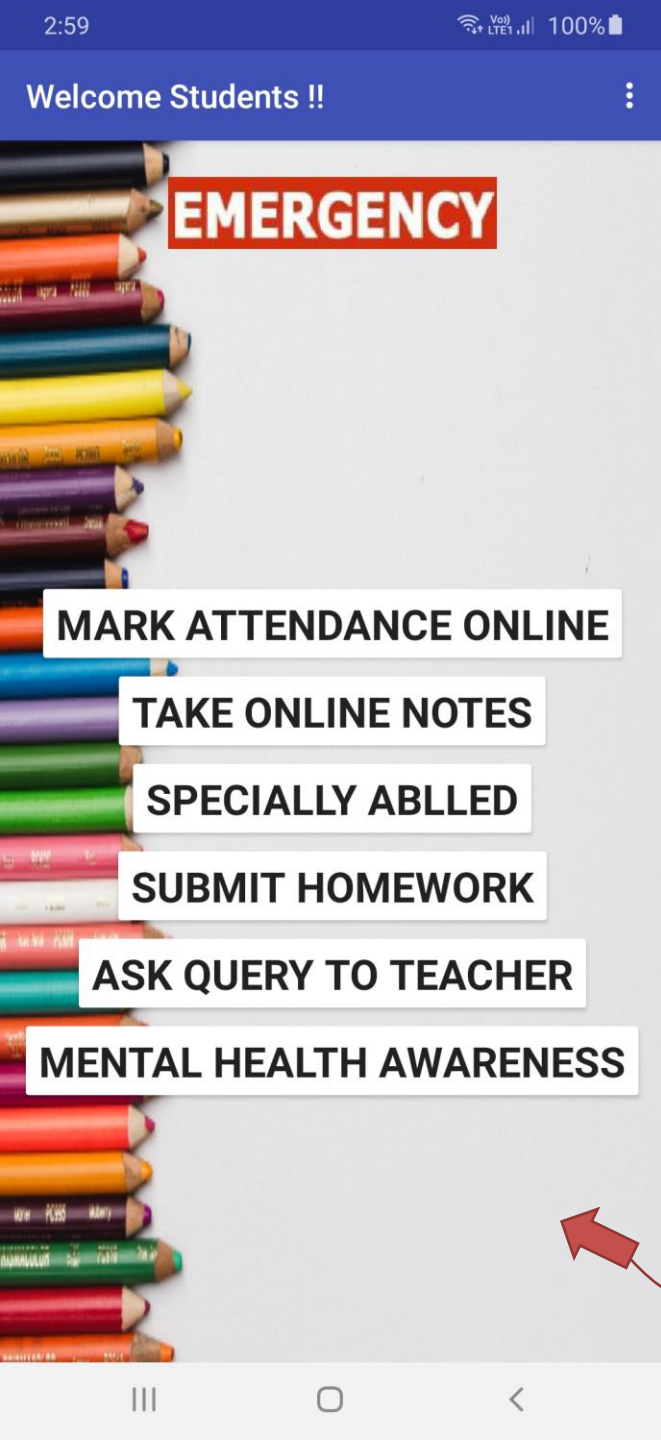
With the advancement in Technology and the Introduction of Smart Schools and Smart Institutions this time is the only opportunity to Integrate Specially Abled Children into Mainstream Education System. Children often finds it really hard to make use of their Full Potential in special schools. Their Integration in Mainstream Education System will benefit them.

SOLUTION

SmartSahaayata is a app that allows T\the Integration of specially abled children into mainstream education system without any Special Equipment. Our app uses

- Speech Recognition for the Deaf Children so that they can note whatever a teacher is saying.
- Facial Recognition for the Blind Children so that they can Identify their Surroundings and Text to Speech so that they can Listen and write whatever the teacher is writing.
- Text to Speech for Mute Children so that they can convey their Message to Regular People along with Online Note Taking for Physically Disabled Children.





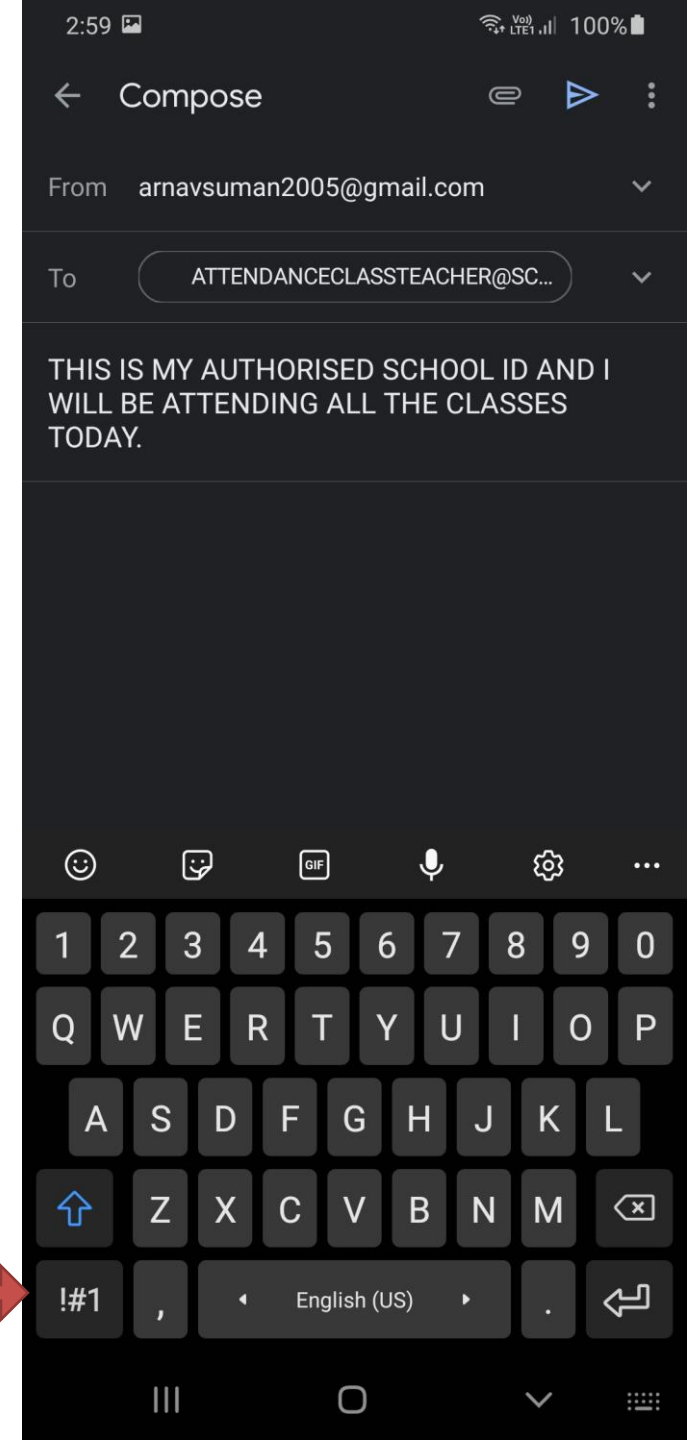
HOME PAGE

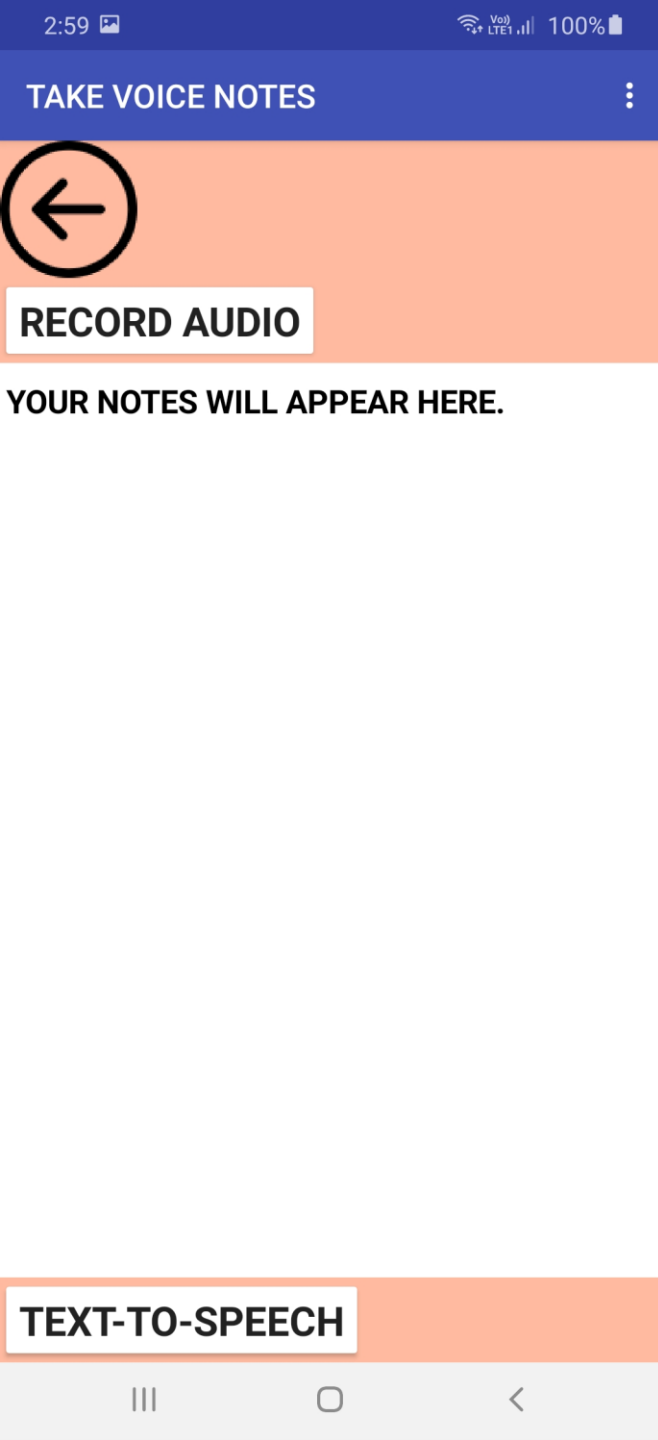
A Intuitaive Home Page with the Following Features:

Online Attendance System- Students can use email based attendance system studemts just need to click on the button on their screen and it will automatically take them to this screen

Students then just need to press on the blue send button on top right corner of the screen to mark therAttendance.

Live Screenshots of the app.



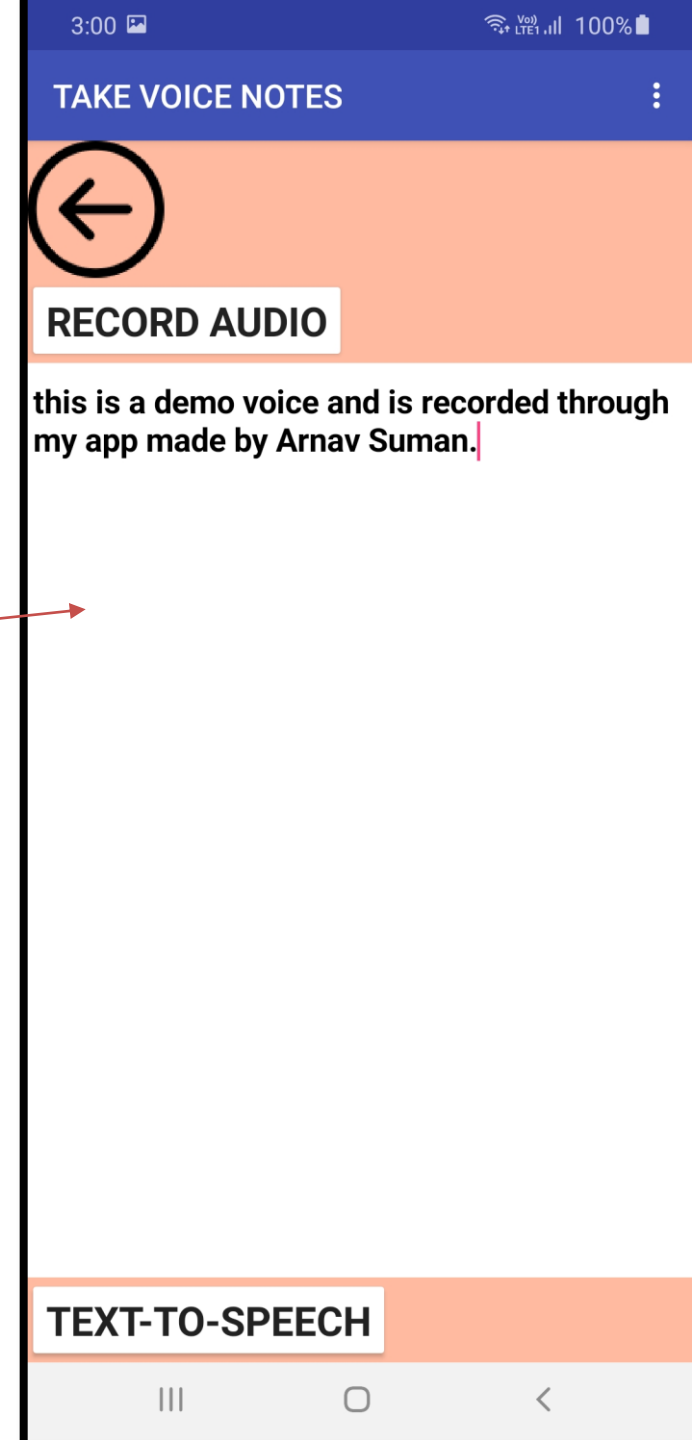


TAKE VOICE NOTES

Students can take voice notes of their classes for future reference or for use of blind children students once they Click RECORD AUDIO button it will convert teachers voice to text here

Once Audio has been converted into text a Student can copy them .

Students can use TEXT-To-Speech so that they can listen to their Notes.

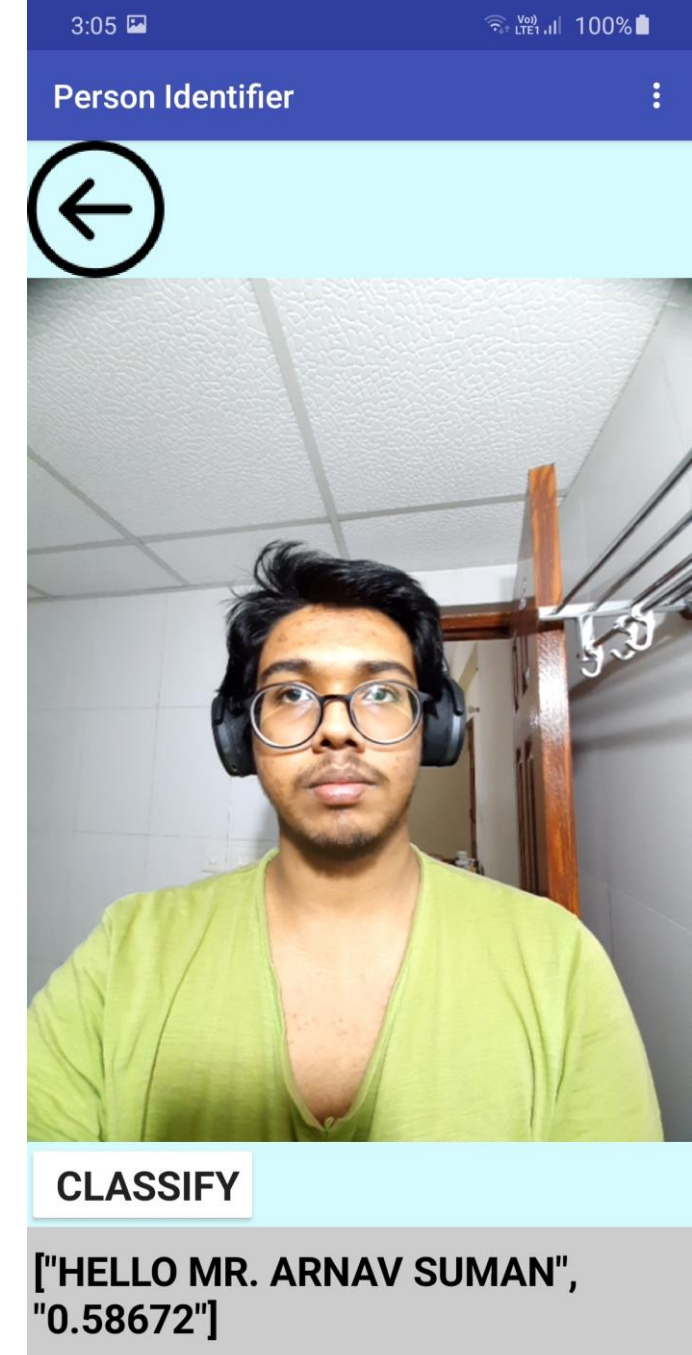


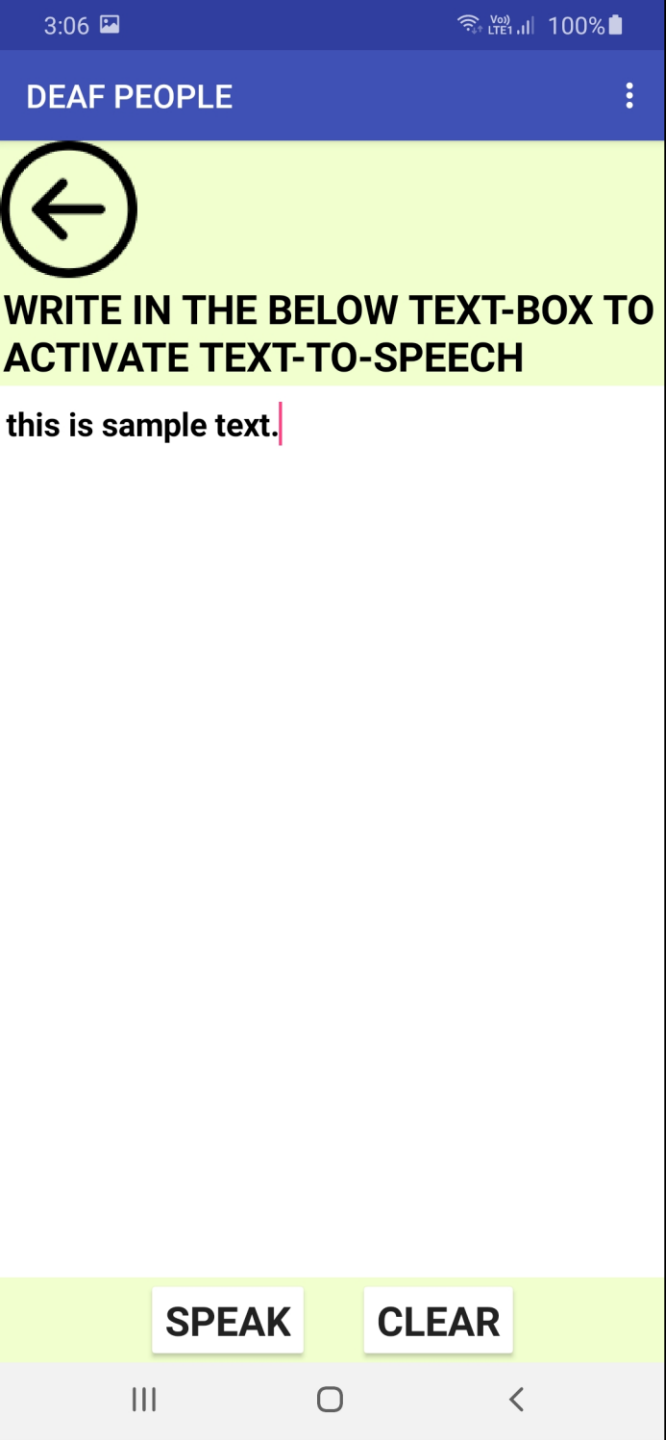


SPECIALLY ABILLED

STUDENTS THAT ARE SPECIALLY ABILLED HAVE THE OPTION TO USE TWO OPTIONS BASED ON THEIR DISABILITIES

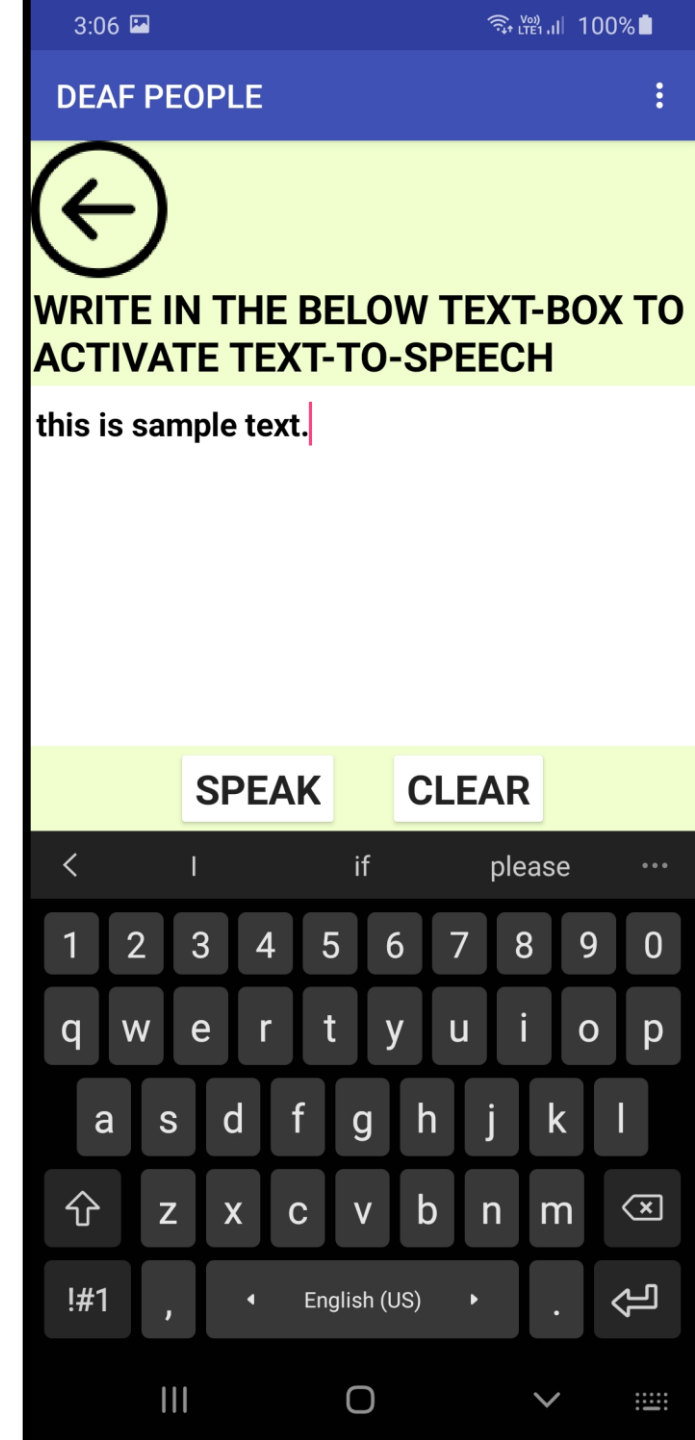
1. PERSON IDENTIFIER - Blind
Students can use person identifier to get some situational awareness and so that they can mix up well with other students without touching them. Once a student clicks Classify the app will identify the person and announce their name .

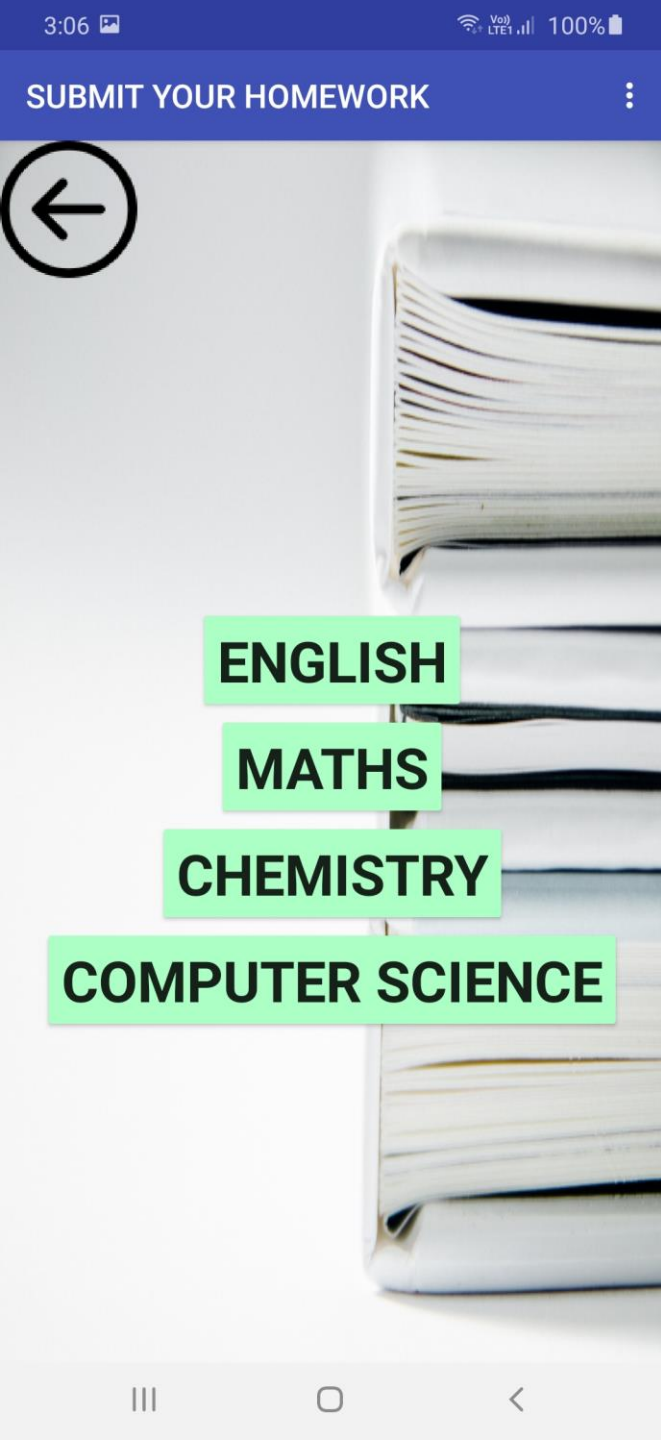




TEXT TO SPEECH

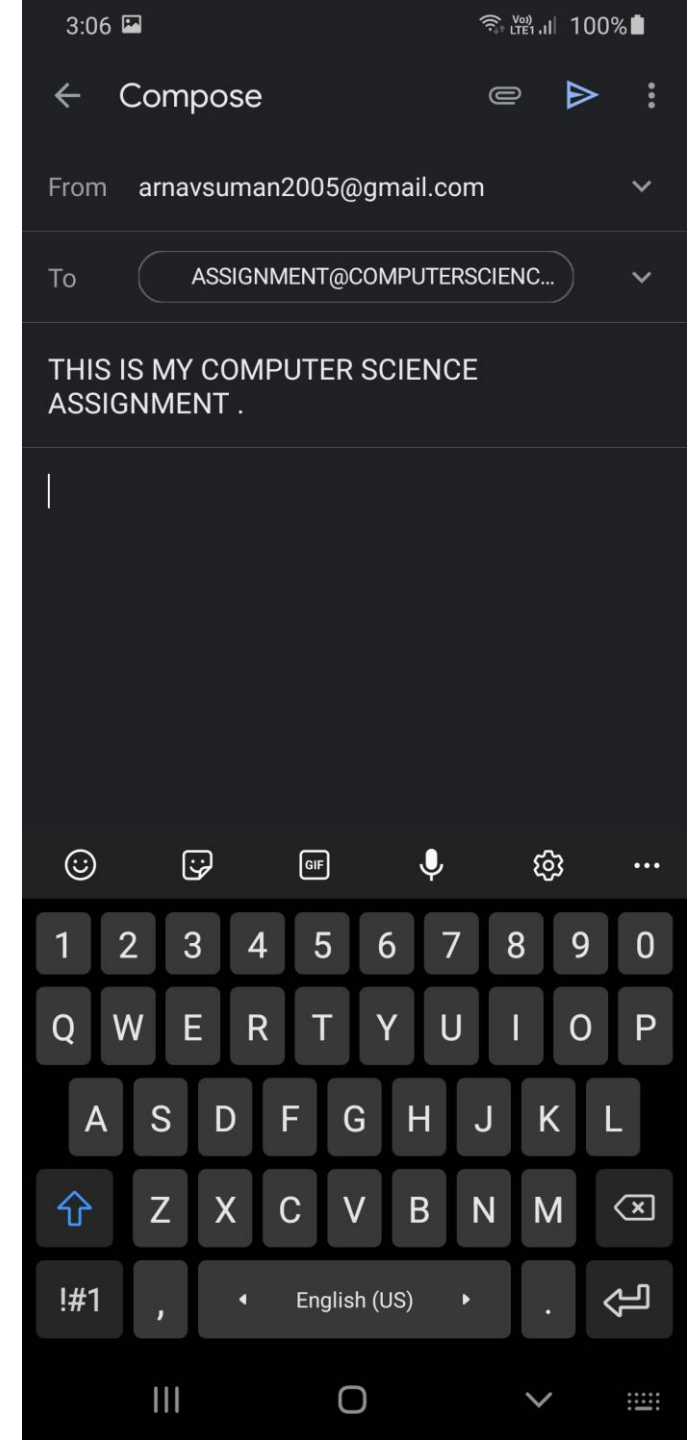
TEXT TO SPEECH Feature for the deaf students so that they can communicate with others without having to show them a screen clicking the SPEAK button will convert text into speech and the app will say the text loud and clear.





SUBMIT YOUR HOMEWORK

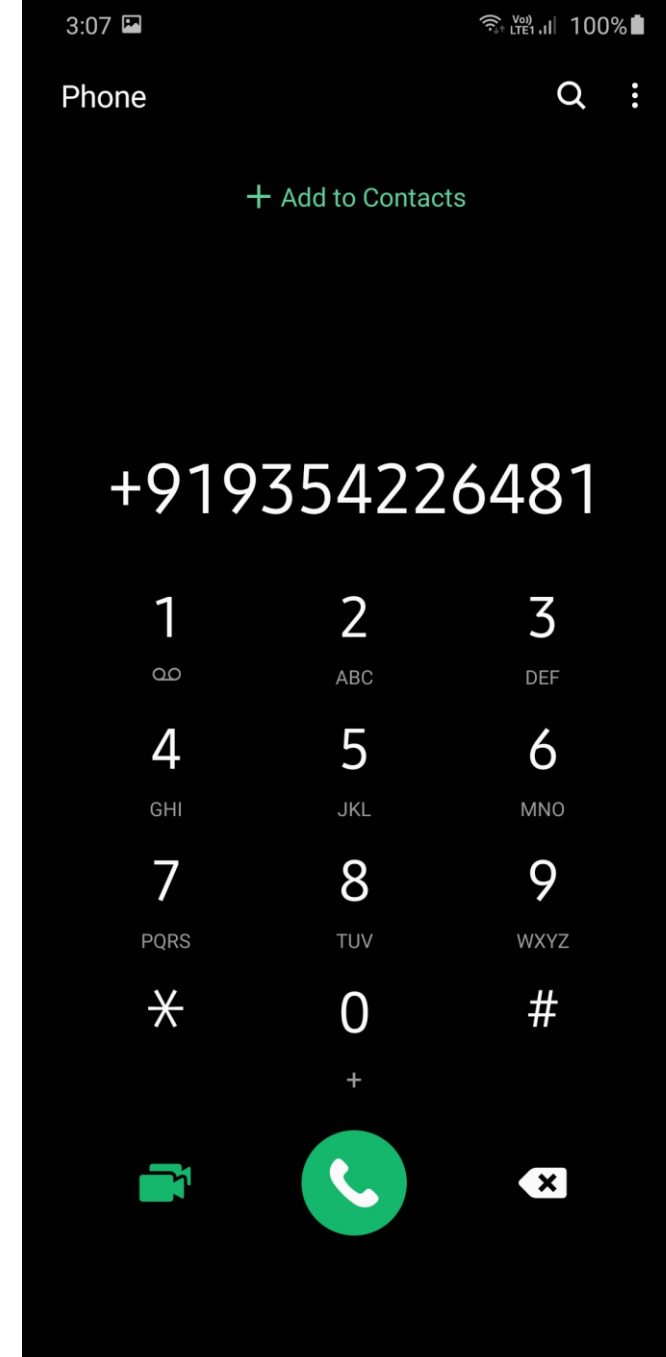
Any student can submit their assignments to their respective teachers without using 3rd Party Apps like whatsapp . Students can directly share their homework file to their Teachers .
(Based on email)

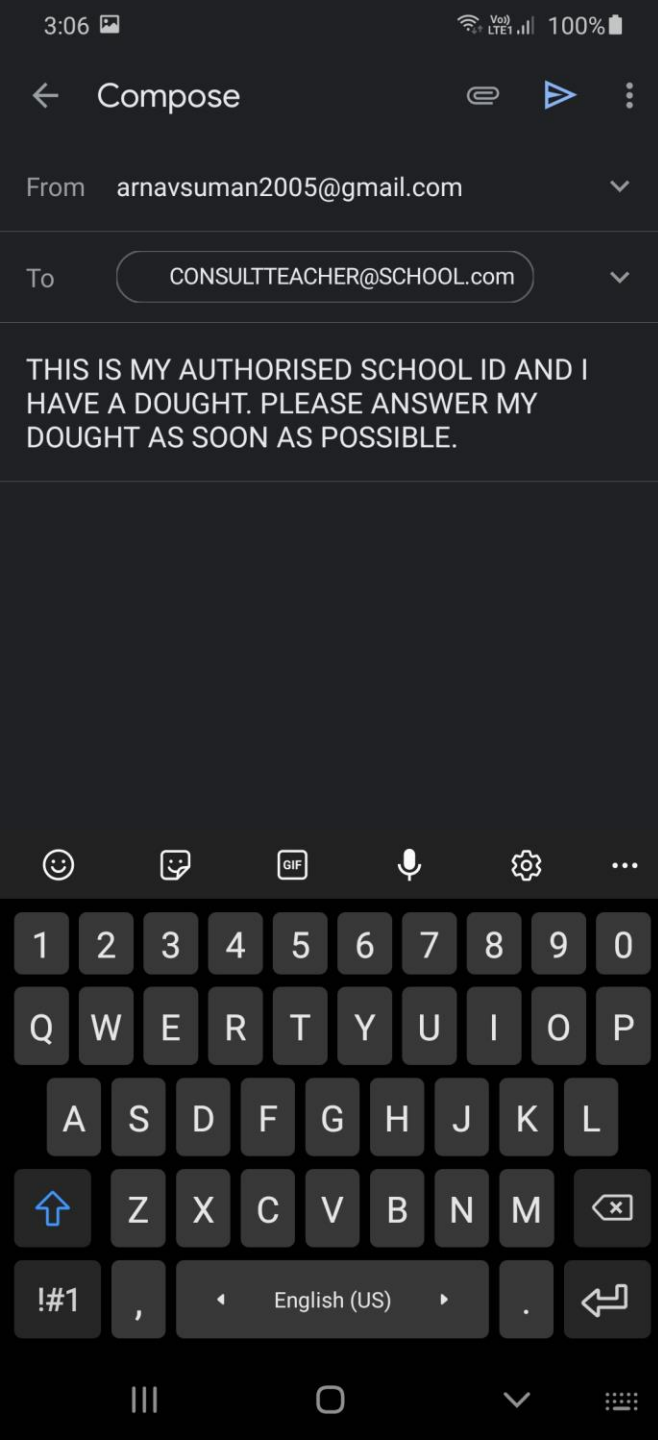




MENTAL HEALTH AWARENESS

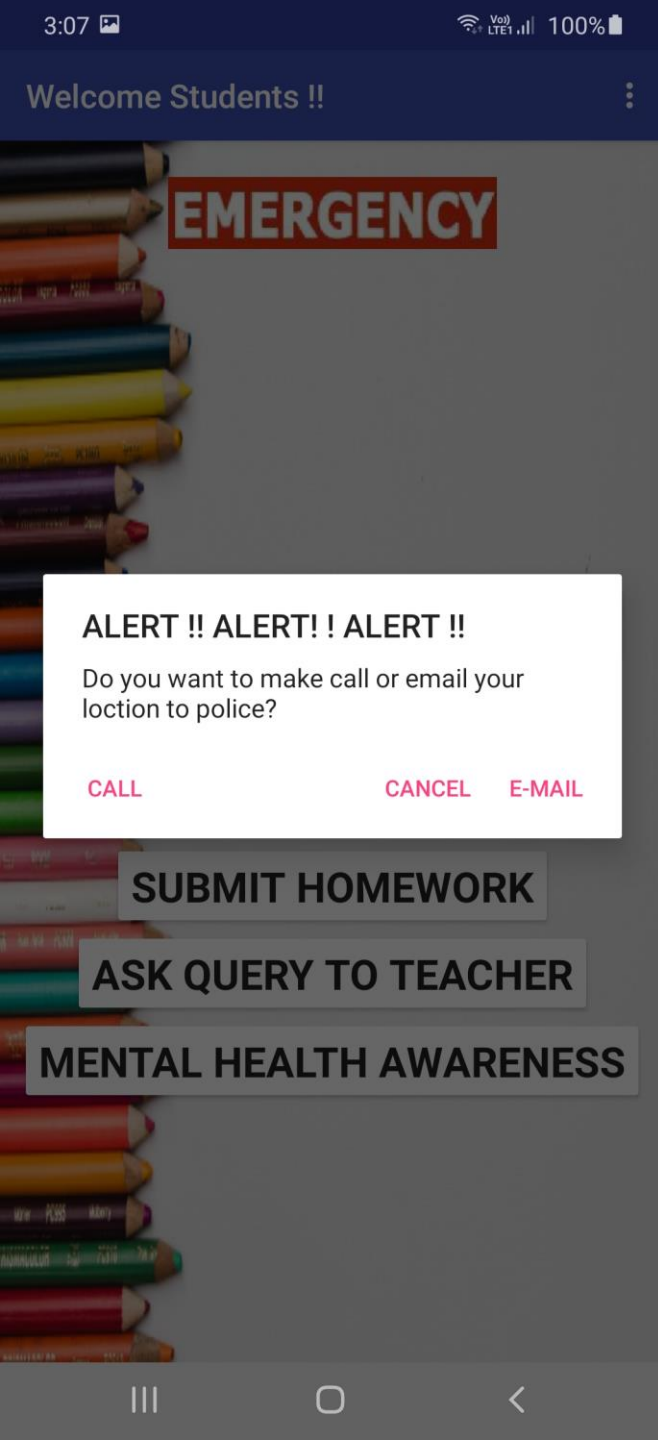
Adults and Students all around the world were affected by the coronavirus . The people in Rural areas being the Worst-Affected . If any Student need any type of Councelling or they need any type of help they can just Press the call button and it will directly take them to this screen.





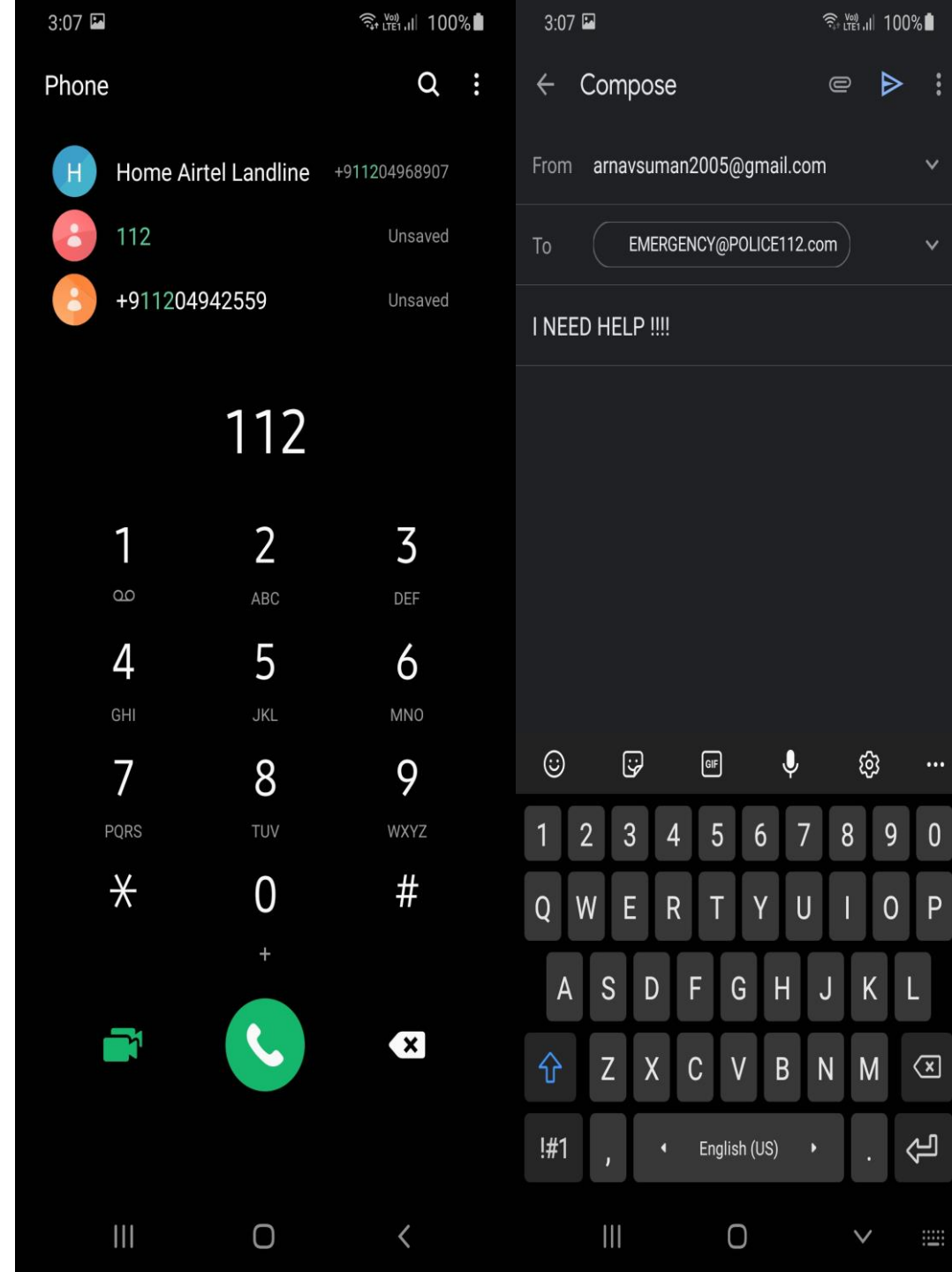
ASK QUERY DIRECTLY TO TEACHER

Student scan directly ask out their doughts and queries without hesitation .



EMERGENCY

In any kind of situation
Emergency if a
Student Feels
Threatened they
can press the
Emergency
button on the top
of the page to
either make a call
or email their
location to police.



EMERGENCY

About this app

Made by Arnav Suman

*Invented with MIT App Inventor
appinventor.mit.edu*

GOT IT

ASK QUERY TO TEACHER

MENTAL HEALTH AWARENESS

ABOUT THIS APP

MADE BY ARNAV SUMAN A
STUDENT OF CLASS 11 , VISHWA
BHARATI PUBLIC SCHOOL . MADE
USING BLOCK CODING ON MIT
APP INVENTOR BASED ON JAVA.



THANKING YOU

REGARDS ,
TEAM VISHWA BHARATI ,NOIDA