



CLUSTER INNOVATION CENTRE (UNIVERSITY OF DELHI)

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Summer Internship Project Summary

- **Project ID/No.:**
- **Project Name:** Android and Web Application for Speech To Text Conversion.
- **Project Members:**
 - Shivang Sorout (11835)
- **Abstract:** Speech-to-text converter is a type of speech recognition program that converts spoken to written language. This application converts the spoken language into text and stores it as a text file in mobile device storage.

As soon as you click on the application icon from your mobile screen you would find a blank screen (or previously recorded conversions) and an add icon at the bottom right of the screen.

Once you click on the icon you would find a sound recording option which on clicking would redirect you to the main converter screen. After clicking on the converter icon you will start speaking and the application would start recording your voice. As soon as you stop it will display the recorded message on the screen. If your displayed message is correct you would have to click on the UPDATE DESCRIPTION ICON. Then you would have to give the recording a title and a description if you want to.

Finally, we would click on the save icon and it would save our converted text in our phone memory.

This application can be extended by making it multilingual.

Web support has only one screen which converts the speech into text and can store it into the system database. And after saving the data you can edit it on your system. I have basically used the Speech Recognition API of web development kit.

- **Project Photo:**

