**RO-DE**

**Document**

**Sub Group : 12**

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**API’s used :**

1. Twilio API

**Library’s:**

1. Speech - to - Text

Twilio :

Twilio is a cloud communications (IaaS) company based in San Francisco, California. Twilio allows software developers to programmatically make and receive phone calls and send and receive text messages using its web service APIs. Twilio's services are accessed over HTTP and are billed based on usage.

**Usage in Project :**

Speech to text :

When a person speaks the data is converted into text and is provided to the specially abled person. Since our project is related to helping the deaf people it would be helpful for them to understand what the other person is saying.

Twilio and Speech-to-text:

Twilio is used to send the messages. Our robot sends a message whenever it hears the speech i.e, when our robot hears the speech it converts the speech to text and along with that it sends a message to the user which consist of the converted text. So whenever the user is not within the surroundings of the robot then also the user can take the message.