



Bahria University

Discovering Knowledge

FINAL YEAR PROJECT REPORT

Smart Talk Technology

By

Tanzeela Sheikh

28333

BSE

Bisma Jafri

28248

BSE

Mubashira Farooq

28284

BSE

Supervised by

Engr. M. Adnan ur Rehman

Bahria University (Karachi Campus)

2018

Submission Performa

Name (1) Mubashira Farooq

(2) Bisma Jafri

(3) Tanzeela Sheikh

Address (1) Dept. of Software Engineering, BUKC.

(2) Dept. of Software Engineering, BUKC.

(3) Dept. of Software Engineering, BUKC.

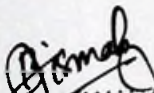
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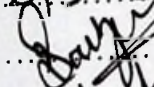
Project Supervisor's Name : Engr. Muhammad Adnan Ur Rehman

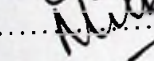
This report is submitted as required for the Project in accordance with the rules laid down by the Bahria University as part of the requirements for the award of the degree of Bachelor of Engineering. I declare that the work presented in this report is my own except where due reference or acknowledgement is given to the work of others.

Signatures of students

Date

(1) 

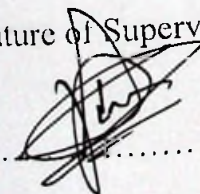
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Signature of Supervisor

Date



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Keywords: Artificial Intelligence, Sign Language, Image Processing

Abstract

In today's era as the technology, education and health are continuously changing, problems related to these issues are also increasing and we have to find the solutions to provide with these problems on the large scale. One of these health conditions is the problem of lacking the sense of hearing and speaking. We introduce an android application to mix deaf & dumb individuals at intervals society and facilitate them to speak with traditional individuals. Concerning seventy million individuals within the world area unit thought of to be a deaf or dumb or both. Communications between deaf and dumb with a normal person have always been a difficult task. Typically deaf and dumb individuals use sign language for communication however they notice issue in act with others. This project aims to lower this barrier in communication by developing an easy application "Smart Technology". This technology that is transferring video into text is easy aesthetic so everyone will use it. This application are often utilized in Colleges, Universities, Hospitals and in NGO's. Deaf and dumb individuals can use this application in their home. This application needs solely android phone. We initially decide specific gesture's sign which may perform by deaf and dumb.

Keywords: *Android platform, Sign language, Image Processing.*

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