



Bahria University
Discovering Knowledge

BE Project

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Final Year Project Report

VOICE AUTOMATED WHEELCHAIR

Ehtisham Ali

Sumaiya Muhammad Shahid

Muhammad Abdullah

Department of Computer Engineering

Bahria University, Karachi Campus

Submission Performa

Name (1) Ehtisham Ali
(2) Sumaiya Muhammad Shahid
(3) Muhammad Abdullah

Address (1) House No.f-37/9, federal capital area, karachi
(2) Flat 802/B, Kutiyana memon complex, near Teenhatti flyover
(3)House No. A 281/1 Block 11 Rustom Zikri Goth Gulistan E
Jauhar
, Karachi.


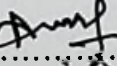
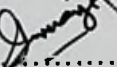
Title of Reort: Voice Automated Wheelchair

Project Supervisor's Name: Engr. Naveera Sami

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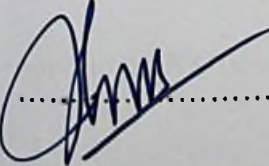
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Signature of/Supervisor

Date

 01/07/2021



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Date: June, 19th 2021

Author(s):

Name: Ehtisham Ali

Signature: Ehtisham

Name: Sumaiya Muhammad Shahid

Signature: Sumaiya

Name: Muhammad Abdullah

Signature: Muhammad

Supervisor(s):

Name: Engr. Naveera Sami

Signature: Naveera Sami



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Date:

Author(s):

Name: Ehtisham Ali

Signature: Ehtisham

Name: Sumaiya Muhammad Shahid

Signature: Sumaiya

Name: Muhammad Abdullah

Signature: Muhammad

Muhammad

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Final Year Project is a demonstration for undergraduate students which is combination of teamwork and implementation of theoretical and practical knowledge. It enhances abilities of students to step up in their field. With this willingness, we affiliated with this project.

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Abstract

In this modern world, where technology is evolving day by day and needs of automated machines are increasing in great numbers and technological advancement serves almost every profession of life. Rapid technological transformation from old to new in a short time boosted innovation and healthy technical rivalry. It encourages innovative thinking as well as Research & Development.

“Voice Automated Wheelchair” is a system through which those people who can not move from one place to another on their own. The system is especially for those who are unable to walk. This system requires voice commands for operations, ultrasonic sensors are used for object detection, voice commands are processed using microcontroller. Output generated from microcontrollers results in movement of wheelchair.

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