BE Project

CE Department

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Bahria University
Discovering Knowledge

Final Year Project Report

VOICE AUTOMATED WHEELCHAIR

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Title of Reort: Voice Automated Wheelchair

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Signatures of students Date

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Acknowledgments

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 form microcontrollers results in movement of wheelchair.

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