< Project Title>

PROJECT REPORT SUBMITTED IN PARTIAL FULFILLMENT OF
THE REQUIREMENT FOR THE DEGREE OF

PROGRAMME NAME

By

Student Name

University Roll Number

Under the supervision

of

<Supervisor Name>
<Designation>

Department of Computer Science & Application

College of Smart Computing

Uttarakhand, India

July 2023

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Department of Computer Science and Applications

College of Smart Computing

<u>Certificate</u>

I hereby recommend that the project report is prepared under my supervision by **Scholar Name** entitled **"*Hand Gesture-Based Volume Control for Windows Laptops using Computer Vision*"** be accepted in partial fulfilment of the requirements for the degree of "Bachelors of Computer Application"**.**

Supervisor Name

 Designation

Department Computer Science & Application

COER University, Roorkee.

DECLARATION

I, **Scholar Name**, hereby declare that this project report entitled "**Hand Gesture-Based Volume Control for Windows Laptops using Computer Vision**" is submitted to the Computer Science & Application, COER University, Roorkee, Uttarakhand, India for acceptance to award the degree of "Bachelors of Computer Applications" is prepared by me and the same has not been/is not being submitted to any other institution.

Date: (**Scholar Name**)

Place: Computer Science & Application,

COER University, Roorkee

Roll Number:

ACKNOWLEDGEMENT

I would like to express my heartfelt gratitude to all those who have contributed to the successful completion of this project on "**Hand Gesture-Based Volume Control for Windows Laptops using Computer Vision**".

Firstly, I extend my sincere appreciation to my project supervisor **<Supervisor Name>,** whose guidance, expertise, and valuable insights were instrumental in shaping the project's direction and ensuring its successful implementation.

I am deeply thankful to Department of **Computer Science & Application, COER University, Roorkee**, for providing the necessary resources and facilities that enabled me to carry out this research work.

I would like to acknowledge the contributions of the research community, whose seminal works in computer vision, machine learning, and audio processing have served as a solid foundation for this project. Their research papers and publications have been valuable sources of knowledge and inspiration.

I am grateful to my friends and family for their unwavering support and encouragement throughout the project. Their belief in my abilities and constant motivation played a crucial role in keeping me focused and driven.

Finally, I extend my gratitude to all the participants who volunteered their time and provided valuable feedback during the user evaluation. Their insights and suggestions have significantly enriched the final implementation of the system.

In conclusion, this project would not have been possible without the collective efforts of all those involved. I am humbled and honoured to have worked on this project and am excited about the potential impact it may have on the future of human-computer interaction. Thank you all for your support and encouragement.

General Guideline for Project Report

1. Font type: Tahoma

2. Size hierarchy replicate with +2 up to desired heading levels which starts from 12 as body text.

3. Two sets of files require

   - One hard binding (University Copy)

   - One can be spiral (student's Copy)

4. Colour of Project Report

   - MCA Both Years –Maroon Colour

   - BCA Final- Black

   - BCA Second Year- Blue

5. All page will contain Header and Footer

   - Header: Student's Name and University Roll Number

   - Footer- Name of Department and Page Number

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