

# DATA HIDING USING CRYPTOGRAPHY AND STEGANOGRAPHY

PROJECT REPORT

Submitted By

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Reg. No. CCAUSCS002

for the award of the Degree of

Bachelor of Science (B.Sc.)

in Computer Science  
(University of Calicut)

*under the guidance of*

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**BSc. COMPUTER SCIENCE  
DEPARTMENT OF COMPUTER SCIENCE  
CHRIST COLLEGE(Autonomous)  
IRINJALAKUDA, KERALA**

**March 2023**

DEPARTMENT OF COMPUTER SCIENCE  
CHRIST COLLEGE (AUTONOMOUS)  
IRINJALAKUDA



**CERTIFICATE**

*This is to certify that the project report entitled "**Data Hiding using Cryptography and Steganography**" is a bonfied record of the project work done by **Anurenjitha K T** in partial fulfillment of the requirement for the sixth semester of **Bachelor of Computer Science** in Department of Computer Science of **CHRIST COLLEGE (AUTONOMOUS) IRINJALAKUDA***

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**EXTERNAL EXAMINER**

**INTERNAL EXAMINER**

# DECLARATION

We hereby declare that this project work "**Data Hiding using Cryptography and Steganography**" submitted to Christ College (Autonomous) Irinjalakuda, affiliated to Calicut University in partial fulfillment of the requirement for the award of the Bachelor of Computer Science, is a record of original work done by us, under the guidance of Ms. Priyanga K K, Department of Computer Science.

Place: Irinjalakuda

ANURENJITHA K T

# ACKNOWLEDGEMENT

First and foremost we like to thank Lord almighty for his providence and for being the guiding light throughout the project. We wish to express our sincere gratitude to our beloved Department head for giving us all the facilities for our project. We take this opportunity to express our gratitude to the class teacher Ms. NISHA RAVEENDRAN and head of the department Ms. VIJI VISWANATHAN who has been supported us throughout the course of this project. We are thankful for her aspiring guidance and valuable advice during the project work. We express our sincere thanks to my project guide Ms. PRIYANGA K K for supporting and guiding throughout the project. We would take this opportunity to specially thank all other faculty members for their constant and continuous motivation. Finally we would like to thank my family and friends for giving valuable advice and moral support throughout our project.

# ABSTRACT

**Data Hiding using Cryptography and Steganography** is a innovative website that combines the principles of cryptography and steganography to hide secret information within images. This technique can be used to transmit sensitive data from being detected by unauthorized individuals. In this, the message is first encrypted and then embedded inside a cover image. The encrypted message can be recovered only by a recipient who has the key to decrypt it. It has various applications in the fields of information security, digital forensics, and military intelligence.

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# STARTACTIONCUT

## PROJECT REPORT

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**March 2023**



DEPARTMENT OF COMPUTER SCIENCE  
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CERTIFICATE

*This is to certify that the project report entitled "**StartActionCut**" is a bonfied record of the project work done by **Amal Krishna K A** in partial fulfillment of the requirement for the sixth semester of **Bachelor of Computer Science** in Department of Computer Science of **CHRIST COLLEGE (AUTONOMOUS) IRINJALAKUDA***

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# DECLARATION

We hereby declare that this project work ”**STARTACTIONCUT**” submitted to Christ College (Autonomous) Irinjalakuda, affiliated to Calicut University in partial fulfillment of the requirement for the award of the Bachelor of Computer Science, is a record of original work done by me, under the guidance of Ms. NISHA RAVEENDRAN, Department of computer Science.

Place: Irinjalakuda

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# ACKNOWLEDGEMENT

First and foremost we like to thank Lord almighty for his providence and for being the guiding light throughout the project. We wish to express my sincere gratitude to our beloved Department head for giving me all the facilities for our project. We take this opportunity to express my gratitude to the class teacher Ms.NISHA RAVEENDRAN and head of the department Ms. VIJI VISWANATHAN who has been supported us throughout the course of this project. We are thankful for her aspiring guidance and valuable advice during the project work. We express my sincere thanks to my project guide Ms.NISHA RAVEENDRAN for supporting and guiding throughout the project. We would take this opportunity to specially thank all other faculty members for their constant and continuous motivation. Finally we would like to thank my family and friends for giving valuable advice and moral support throughout our project.

# ABSTRACT

**STARTACTIONCUT** is an app that provides film makers with all the necessary resources they need to bring their ideas to life. The website is enriched with three kind of login facilities - admin login, supplier login, film maker login. It host variety of events and the main features are- bulk registration, client side participation for event adding, photo gallery, unique page and so on. All these features make this app more adaptable and user-friendly.

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