

Reducing phishing attacks in online/mobile wallets and net banking

A PROJECT REPORT

Submitted by,

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Under the guidance of,

Ms. Alina Raheen

in partial fulfillment for the award of the

degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

At



PRESIDENCY UNIVERSITY

BENGALURU

JANUARY 2024

PRESIDENCY UNIVERSITY
SCHOOL OF COMPUTER SCIENCE^{AND} ENGINEERING

CERTIFICATE

This is to certify that the Project report “Reducing phishing attacks in online/mobile wallets and net banking” being submitted by “Aditya Pratap Singh, Aditya Mishra, Rajat Saha” bearing roll number(s) “20201CSE0863, 20201CSE0866, 20201CSE0906” in partial fulfilment of requirement for the award of degree of Bachelor of Technology in Computer Science and Engineering is a Bonafede work carried out under my supervision.



Ms. ALINA RAHEEN
Asst.Prof
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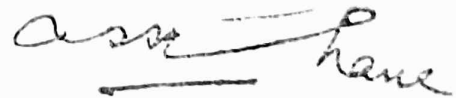
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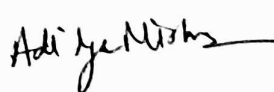
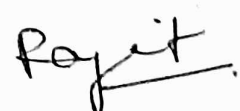
Dr. SAMEERUDDIN KHAN
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PRESIDENCY UNIVERSITY
SCHOOL OF COMPUTER SCIENCE^{AND} ENGINEERING &
INFORMATION SCIENCE

DECLARATION

We hereby declare that the work, which is being presented in the project report entitled Reducing phishing attacks in online/mobile wallets and net banking in partial fulfilment for the award of Degree of **Bachelor of Technology in Computer Science and Engineering** is a record of our own investigations carried under the guidance of Ms. Alina Raheen, Asst. Prof. School of CSE, School of Computer Science^{AND} Engineering, Presidency University, Bengaluru.

We have not submitted the matter presented in this report anywhere for the award of any other Degree.

NAME	Roll. No.	Signature
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ABSTRACT

Phishing attacks, which take advantage of human weaknesses to obtain unauthorized access to sensitive information, continue to be a serious danger to the security of digital systems. The goal of this project is to create and put into use a sophisticated system that uses a multifaceted approach to identify and mitigate phishing assaults. In order to guarantee practical implementation, the system will be crafted to effortlessly mesh with current email security frameworks, offering an extra defense against ever-evolving phishing tactics. The project's effectiveness will be assessed by measuring user awareness and reaction to simulated attacks, conducting comprehensive testing and validation against well-known phishing scenarios, and more.

ACKNOWLEDGEMENT

First of all, we indebted to the **GOD ALMIGHTY** for giving me an opportunity to excel in our efforts to complete this project on time.

We express our sincere thanks to our respected dean **Dr. Md. Sameeruddin Khan**, Dean, School of Computer Science ^{AND} Engineering, Presidency University for getting us permission to undergo the project.

We record our heartfelt gratitude to our beloved Associate Deans **Dr. C. Kalaiarasan** and **Dr. Shakkeera L**, School of Computer Science and Engineering, Presidency University and **Dr. Pallavi R**, Head of the Department, School of Computer Science ^{AND} Engineering, Presidency University for rendering timely help for the successful completion of this project.

We are greatly indebted to our guide **Ms. Alina Raheen**, Asst-Prof, School of Computer Science ^{AND} Engineering, Presidency University for her inspirational guidance, valuable suggestions and providing us a chance to express our technical capabilities in every respect for the completion of the project work.

We would like to convey our gratitude and heartfelt thanks to the University Project-II Coordinators **Dr. Sanjeev P Kaulgud**, **Dr. Mrutyunjaya MS** and also the department Project Coordinators. **Mr Zia Ur Rahman**, **Mr Peniel**

We thank our family and friends for the strong support and inspiration they have provided us in bringing out this project

Aditya Pratap Singh

Aditya Mishra

Rajat Saha