

**A LIGHTWEIGHT FRAMEWORK FOR  
PRIVACY-PRESERVING  
BEHAVIORAL AUTHENTICATION:  
BALANCING RECOGNITION  
ACCURACY AND SYSTEM LATENCY**

A PROJECT PROPOSAL SUBMITTED BY

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to the

**DEPARTMENT OF STATISTICS AND COMPUTER  
SCIENCE**

in partial fulfillment of the requirements of the

**Degree of Bachelor of Science (Honours) in Computer Science**  
of the

**UNIVERSITY OF PERADENIYA, SRI LANKA**

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# Preface

This is a proposal for the Project in Computer Science II (Research Project – CSC4996) for partial fulfillment of the requirements of the Degree of Bachelor of Science (Honours) in Computer Science at the Department of Statistics and Computer Science, University of Peradeniya, Sri Lanka.

This proposal provides the scope and context of the research project to be undertaken. It details the aims and research questions, background, methodology, and project design. This document also provides a schedule for the completion of the project, including a description of anticipated results and final products

The intended audience of this document is the academic staff of the Department of Statistics and Computer Science, University of Peradeniya, who will evaluate the project to determine whether it should be approved as proposed, approved with modifications, or not approved.

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