

## Declaration

I declare that this dissertation does not incorporate, without acknowledgment, any material previously submitted for a Degree or a Diploma in any University and to the best of my knowledge and belief, it does not contain any material previously published or written by another person or myself except where due reference is made in the text. I also hereby give consent for my dissertation, if accepted, to be made available for photocopying and for interlibrary loans, and for the title and summary to be made available to outside organization.

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## Dedication

I was motivated to do this thesis my supervisor Dr. Gamini Wijayarathna and my friends. Without their guidance, advice, and commitment my effort will not become a successful one.



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