

**Department of Electrical and Computer Engineering
North South University**



Senior Design Project

**Vhromon - A Online Hotel and Resort Booking
System**

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Faculty Advisor

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Declaration

This is to certify that this Project is our original work. No part of this work has been submitted elsewhere partially or fully for the award of any other degree or diploma. Any material reproduced in this project has been properly acknowledged.

Students' Name and Signature

1. Sajjad Mahmud Khan



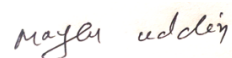
2. Sajjad Kashem



3. S M Imam Jahed Hossain



4. Mayen Uddin



Approval

We, **Sajjad Mahmud Khan**(ID#1421222042), **Sajjad Kashem**(ID#1330273042), **S M Imam Jahed Hossain**(ID#1511913642) and **Mayen Uddin**(ID#1511500642) from the Electrical and Computer Science department of North South University, have worked on the senior design project entitled “**Vhromon – A Online Hotel and Resort Booking System**” under the supervision of Dr. Mohammad Monirujjaman Khan is approved in partial fulfilment of the requirement of the Degree of Bachelor of Science in Computer Science and Engineering and has been accepted as satisfactory.

Supervisor’s Signature



Dr. Mohammad Monirujjaman Khan

Associate Professor

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Department Chair’s Signature

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Acknowledgement

By the grace of Almighty we have successfully completed our senior design project entitled “Vhromon - A Online Hotel and Resort Booking System”

Our deep gratitude goes to our faculty advisor Dr. Mohammad Monirujjaman Khan, who guided us from the beginning to end of this CSE499 project. His guidance helped us to writing this paper and to complete this project. Our sincere gratitude to the North South University for giving us this platform and opportunity of having an industrial level of experience as a part of the academics.

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Abstract

Abstract— The rise of population and the industrial revolution, it is obvious that hotels and resorts are increasing drastically day by day. In 21st century tourism is a trend. Everyone loves to travel and the reasons vary person to person. Whether it is to have a cheerful and peaceful mind and place or business purposes, either way hotels and resorts actually doing their jobs very well. This, tourism is a promising sector for any country and Bangladesh is no different. But the problem is we have to do the hotel booking and reservation manually most of the time. Sometimes it is too troublesome and knowing about the suitable hotels and resorts is too difficult. Though there are some online platforms available but they are not our country oriented such as the payment system is not preferable for us. To solve this problem we developed Vhromon, a comparison based online based hotel and resort booking system where anyone can book a hotel or resort by just login from the internet. Vhromon is an interactive online platform and it is user friendly and easy to get like the most of the platforms available nowadays. But they do not have all the hotels and resorts enlisted, only the well-known one. On the other hand, Vhromon has everything enlisted where customer can compare them and can choose the right one for them. Furthermore we have a vendor panel where any hotel or resort owner can add their hotel or resort easily without any hassle unlike the existing one.