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**FACULTY OF SCIENCE AND TECHNOLOGY**

**COURSEWORK FOR THE BSC (HONS) INFORMATION TECHNOLOGY; BSC (HONS) COMPUTER SCIENCE; YEAR 2**

**ACADEMIC SESSION 2017; SEMESTER 3**

**NET3204: Distributed System**

**Project DEADLINE: Week 12**

**INSTRUCTIONS TO CANDIDATES**

* This assignment will contribute 30% to your final grade.
* This is a Group assignment of 5 members.

**IMPORTANT**

The University requires students to adhere to submission deadlines for any form of assessment. Penalties are applied in relation to unauthorized late submission of work.

- Coursework submitted after the deadline but within 1 week will be accepted for a maximum mark of 40%.

- Work handed in following the extension of 1 week after the original deadline will be regarded as a non-submission and marked zero.

**Lecturer’s Remark** (Use additional sheet if required)

**15053648**

**Choong Kai Wern**

****

I.............................. (Name) ...................std. ID received the assignment and read the comments....................................... (Signature/date)

**19/11/17**

**Academic Honesty Acknowledgement**

**Choong Kai Wern**

****“I .........................................(student name). verify that this paper contains entirely my own work. I have not consulted with any outside person or materials other than what was specified (an interviewee, for example) in the assignment or the syllabus requirements. Further, I have not copied or inadvertently copied ideas, sentences, or paragraphs from another student. I realize the penalties *(refer to page 16, 5.5, Appendix 2, page 44 of the student handbook diploma and undergraduate programme)* for any kind of copying or collaboration on any assignment.”

**19/11/17**

….................................. (Student’s signature / Date)



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**15075153**

**Lim Shi Hern**



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**16080111**

**Mah Qi Hao**

****

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**13079272**

**Mu Chun Khang**

****

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**Mu Chun Khang**

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**Ong Li Sheng**

**15071863**

****

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**DISTRIBUTED CHAT SYSTEM**

**NET 3204**

Distributed System

**Choong Kai Wern** (25%)

15053648

**Lim Shi Hern** (25%)

15075153

**Mah Qi Hao** (25%)

16080111

**Mu Chun Khang** (25%)

13079272

**Ong Li Sheng** (25%)

15071863

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# Introduction

Introduction to the proposed distributed system

# Physical and Interactive Models

The physical and interactive model of the proposed system (System architecture diagram, communication protocol sequence diagram)

# Scalability and Reliability

Explanation how scalability and reliability can be guarantee in the program

# Test Case

Test case that you have proposed to test your distributed system and result of the test case

# Reflections

- An explanation of your understanding any distributed system concepts that you have apply in your assignment.

- A description of how you applied the distributed concepts in your assignment.

- The problems encountered during this assignment and how you solved these problems.

- An evaluation of the strengths and weaknesses of your submitted work.

- Include each group’s member contribution percentage.