OS-Group Project

Proposal Paper

H2014 – Operating Systems

By Group

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# Introduction

In this semesters group project, the research team will analyze one solution to the ‘Dining Philosophers Problem’. This classic multithreading problem invented by E.W Dijkstra, will be looked at under consideration of solving it by use of ‘mutual exclusion locks’ (mutex locks). After explanation of the problem and comparison of three of the ways to solving this problem, the analysis conducted will outline and explain the use of mutex locks in solving the problem step by step through use of the Thread Mentor software, developed by Dr. C.-K. Shene, at the Michigan Technological University in 2001.

# Team-members

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# Problem statement

# Academic Honesty

We are aware of the University policy on plagiarism in assignments and examinations (3AS08). We understand that plagiarism, collusion, and copying are grave and serious offences in the University and we will accept the penalties that could be imposed if we engage in any such activity. This assignment, or any part of it, has not been previously submitted by us or any other person for assessment on this or any other course of study. We declare that this material, which we now submit for assessment, is entirely of our own work and has not been taken from the work of others, save and to the extent that such work has been cited and acknowledged within the text of our work.”