Disk Scheduling Algorithms

Dissertation/Project Work

Submitted To

Central Department of Computer Science and Information Technology

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In Partial Fulfillment of the Requirements for the Degree of

Master of Science

In

Computer Science and Information Technology

By

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Date: _____

LETTER OF RECOMMENDATION

Mr***. Subash Pariyar*** has carried out this project work entitle **"DISK SCHEDULING ALGORITHMS"** under my supervision and guidance. In my best knowledge this project work successfully completed which fulfills the requirements for the award of the Degree of Master's in Computer Science and Information Technology, therefore I recommended for further evaluation.

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We certify that we have read this project work and in our opinion it is satisfactory in the scope and quality as a dissertation as the partial fulfillment of the requirement of Master of Computer Science and Information Technology from Tribhuvan University, Nepal.

Evaluation Committee

Dr. Tanka Nath Dhamala **Head, Central Department of Computer Science and Information Technology** **Tribhuvan University, Kirtipur**	**Prof. Dr. Shashidhar Ram Joshi** **Department of Electronics and Computer Engineering** **Pulchowk Campus, Pulchowk** **(Supervisor)**
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Abstract

Without I/O, computers are not usable to users. We know that I/O from secondary memories like disk is slower operations. Scheduling of I/O requests such that response time of requests and become as possible as low and also requests does not suffer from the problem of a starvation is big issue in our computer systems. In this project simulates a disk having 200 tracks, implements different existing disk scheduling algorithms for that simulated disk and seek time of these algorithms for given I/O request set is compared and analyzed.

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