

# A STUDY ON PARALLEL PROCESSING TO DEVELOP A PROTOTYPE PARALLEL DATABASE SYSTEM

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## ABSTRACT

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The project objective is to divide a large task into many smaller tasks and executes the smaller tasks concurrently on several separate processors. As a result, larger task can be completed more quickly. The fundamental premise of parallel processing is that running a program in parallel in multiple processors is faster than running the same program on single processor. Due to achieve desired speed, the program must be decomposed so that different data can be parceled out among the processors, allowing simultaneous execution. The benefits of the project are enhancing the throughput, higher performance and yet improve response time. The feature of this application is task can run independently of one another and distributed to different processors or CPU to achieve scale up.