

Toy DB Project Report

Disk Storage Simulator

Project No. 2

Rohit Kumar
120050028
rohit@cse.iitb.ac.in

Deependra Patel
120050032
pateldeependra06@gmail.com

1 Introduction

This report talks about a strategic simulation of a disk system. The simulation includes an efficient arm movement strategy for processing the requests on a disk system, providing reliability, high performance through implementation of the **RAID-5** technology and caching unit for faster access.

This disk-system is accessed by the paged file module provided at the starting of the project. The statistics related to various performance parameters are gathered and various conclusions and effect of the technologies used are displayed through graphs etc.

2 Structure of the disk-system