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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Query# and Type | | Search Key | | Query Frequency | | Selected File Organization | | Justifications | |
| customer | (1).insert  13. range search | | category | | 30/day  100/day | | Index sequential  On search key  category | | Because it is  Range search  We use index  sequential | |
| Assembly | 4.insert | |  | | 40/day | | Heap file | | Because it is  insert | |
| Record cost 3 | 5. insert | |  | | 10/day | | Heap file | | Because it is  insert | |
| Assign | 6. insert | |  | | 50/day | | Heap file | | Because it is  insert | |
| Record cost 1 | 5.insert | |  | | 10/day | | Heap file | | Because it is  insert | |
| Process | 3.insert | |  | | infrequent | | Heap file | | Because it is  insert | |
| Department | 3.insert | |  | | infrequent | | Heap file | | Because it is  insert | |
| Order | 4.insert | |  | | 40/day | | Heap file | | Because it is  insert | |
| Pass through | 4.enter  11. Retrieve | | Process-id | | 40/day  100/day | | Dynamic hashing  With hash key  Process id | | Because retrieve  Is like random  search | |
| Account | 5.create | |  | | 10/day | | Heap file | | Because it is  insert | |
| Record cost 2 | 5.create | |  | | 10/day | | Heap file | | Because it is  insert | |
| Record cost 1 | 5.create | |  | | 10/day | | Heap file | | Because it is  insert | |
| Job | 6.insert  12. Retrieve  12. Random search | | Given date | | 50/day  20/day  20/day | | Heap file | | Because it is  insert | |
| Cut-job | 7.enter  14.Delete  14.range search | | Job -no | | 50/day  1/month  1/month | | Heap file | | Because it is  insert | |
| Pain-job | 7.enter  14. change | |  | | 50/day  1/month | | Heap file | | Because it is  insert | |
| Fit-job | 7.insert | |  | |  | | Heap file | | Because it is  insert | |
| Transaction | 8.insert | |  | |  | | Heap file | | Because it is  insert | |
| Update |  | |  | |  | |  | |  | |
| Department  account |  | |  | |  | |  | |  | |
| Assembly  account |  | |  | |  | |  | |  | |
| Process  account |  | |  | |  | |  | |  | |
| Record cost 1 | 9.Retrieve | |  | | 200/day | | Dynamic hashing  With hash key  Assembly id or  Account number | | Because retrieve  Is like random  search | |
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