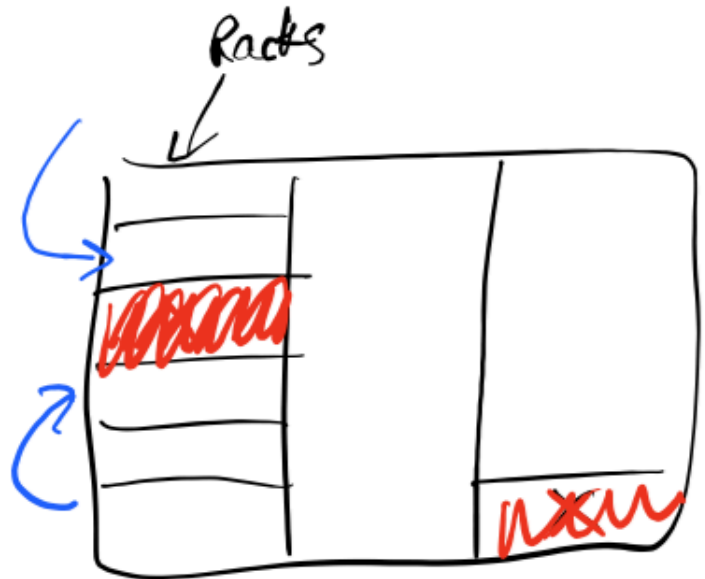


Week 8

Thursday, March 18, 2021

3:03 PM

Welcome Back !!

20-mins: General OHS

30-mins: Recap

10-mins: BREAK B+

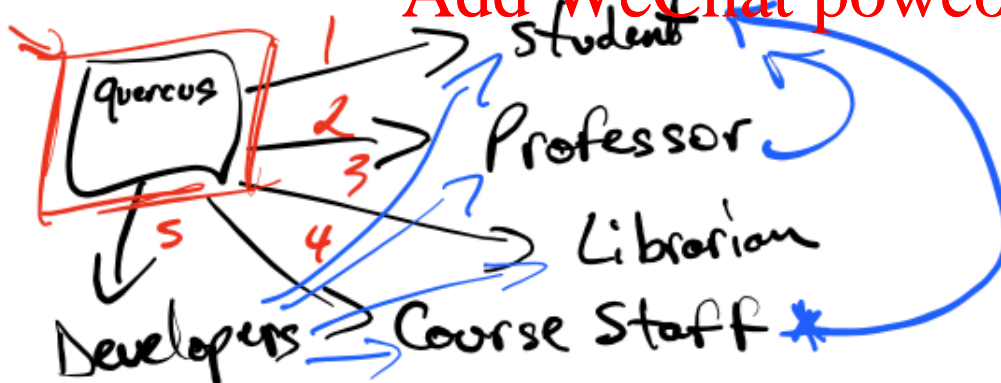
50-mins: Views & Trees Examples

Assignment Project Exam Help

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→ Discussion of Final Report

Add WeChat powcoder



W8-
Worksheet

* Guest Talk on Tuesday! *

↳ March 23rd @ 1pm - 3pm (Zoom)

Nicholas Hawkes on Cloud Computing & Containerization

Week 8: Worksheet
CSC 343 Winter 2021
University of Toronto Mississauga

March 18/19th, 2021

Recap

- Materialized View

↳ logical view of our data

↳ Driven by SELECT Query

Virtual View

↳ computed each time it's called



can index it!!

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M.V. vs. V.V.

✓ Disk → Faster
→ Old Data? → Slower

RAM
→ Freshest

View Creation Example

ISAM → Indexed Sequential Access Method

↳ "Records" → fixed length fields

↳ "Secondary Records" → aka Indexes → pointers to data

B Trees → Multiway trees where each node had a set of keys & pointers.

↳ Data only contained pages.

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B+ Trees → Combo of ISAM & B Trees

↳ contains index pages & data pages.

of keys/page: 4

of pointers/page: 5

"Fill Factor": 50%

Min # of keys/page: 2

Root is not bound by this!

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