

COMP6714 Review

Assignment Project Exam Help

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Universities of New South W

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November 11, 202

Course Logistics

- ▶ **THE** formula:

$$\text{mark} = \begin{cases} 0.25 \cdot (\text{ass1} + \text{proj1}) + 0.50 \cdot \text{exam} & , \text{if } \text{exam} \geq 40 \\ 39FL & , \text{otherwise.} \end{cases}$$



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TBA

- ▶ Sample exam papers to be released soon.
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(1) The final exam mark is important and you must achieve at least 40! (2) Supplementary exam is **only** for those who cannot attend final exam. (3) Apply for UNSW Special Consideration (SC) with sufficient evidence and the SC team will make the final decision.

About the Final Exam

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- ▶ **Time:** 10 minutes reading time + 2 hr **open book** exam + 15 minutes **scanning+uploading+submission** time.

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contents of the course.

- ▶ 100 (8 questions)

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▶ Similar to those in the assignment.

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About the Final Exam ...

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- ▶ Read the instructions carefully.
- ▶ You can answer the questions in *any* order.
- ▶

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T marks even if the final answer is wrong.

Disclaimer: *We will go through the main content. However, note that it is by no means exhaustive.*

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- ▶ incidence vector
- ▶ semantics of the query model (AND/OR/NOT, and other operators,

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▶ (including phrase query, queries with

▶ query optimization methods (list merge order

▶ **Not required:** next-word index

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▶ Dynamic indexing: Immediate merge, no merge, logarithmic merge

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- ▶ What is/why ranked retrieval?

- ▶ raw and normalized tf, idf

- ▶ cosine similarity

- ▶

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- ▶ exact & approximate query optimization met
algorithm, MaxScore and WAND algorithm

- ▶ **Not required:** Query processing methods b
tiered inverted indexes (e.g., high/low lists, im
etc.)

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- ▶ Existing method to prepare for the benchmark dataset, queries, and

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- ▶ **Not required:** NDCG, Kappa (κ) mea
(dis)agreement

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- ▶ Probability ranking principle (intuitively, how to rank documents and

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- ▶ Query-likelihood *unigram* language model
smoothing

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- ▶
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- ▶ **Not required:** the SimHash method.

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Thanks and Good Luck
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