Introduction to Database Systems

Presentation

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CS2102 Aims, Objectives and Syllabus

An introductory course on relational database for computing students.

We learn concepts and techniques for the design and programming of database applications with relational database management systems.

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Welcome!

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ICT Tools for CS2102

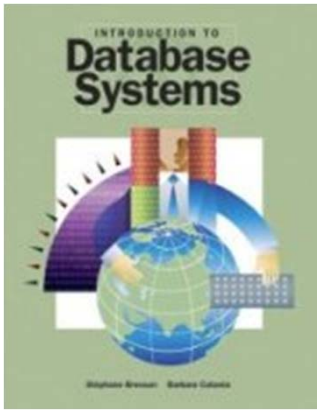
Integrated Virtual Learning Environment

- Lesson Plan
- Announcements (and emails)
- Forum (for questions, answers and comments)
- Project Tool (for project group registration and topic assignment)
- WorkBin (for documents)
- Grade Book (for results)

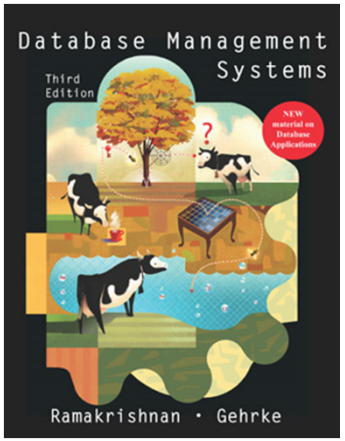
Email (for personal and confidential matters)

Textbooks

Introduction to Database Systems
S. Bressan, B. Catania,
McGraw Hill
ISBN: 0071246509



Database Management Systems
R. Ramakrishnan, J. Gehrke Edition: 3e
McGraw Hill
ISBN: 0072465638



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CS2102 Assessment

- a final exam (50%)
- a midterm test (20%)
- a project (21%)
- 3 online home assignments (9%)

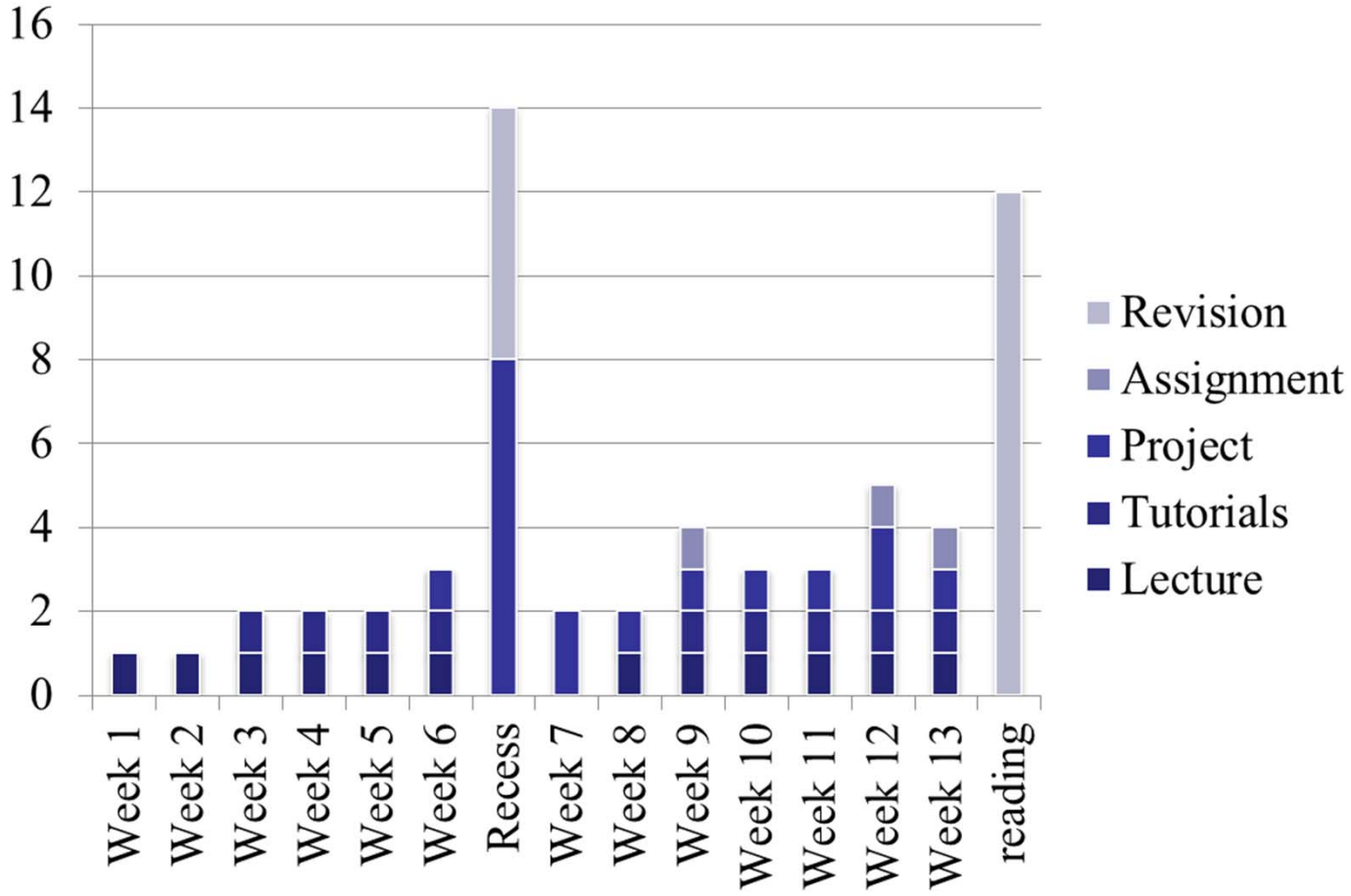
Project

The objective of the project is to apply the concepts and techniques learned in class for the design and programming of a Web-database application.

Deliverables

- A pre-alpha demonstration
- A preliminary design report
- An alpha demonstration
- A final report
- A demonstration of your application

Team of 4 students (no constraint on tutorial membership and option)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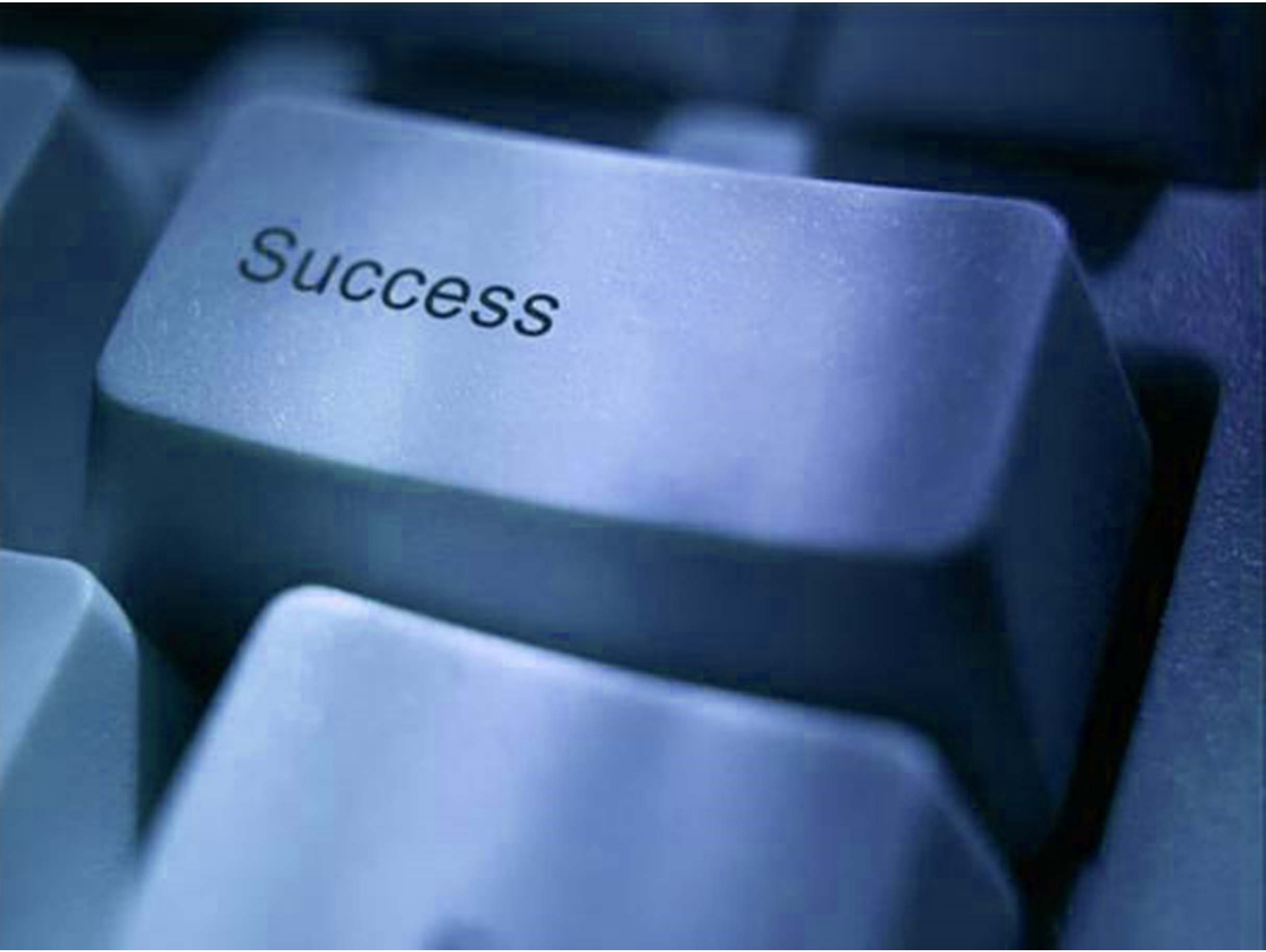
Week 1
Week 2
Week 3
Week 4
Week 5
Week 6
Recess
Week 7
Week 8
Week 9
Week 10
Week 11
Week 12
Week 13
reading
Revision
Assignment
Project
Tutorials
Lecture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