IDATG2204 – Database Modelling and Database Systems

Department of Computer Science

Study level: Intermediate course

Norwegian University of Science and Technology

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INTRODUTION

- Instructor
- Course
- Students

Instructors

Ali Shariq Imran
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Visiting hours: 10:00-11:00 on Mondays
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Assistants:
- Subhan Ali
- Muhammad Moosa
- Henriette Eltvik
- Sigrid Vestheim
- Wiktor Miklaszwics

Course

- IDATG2204 – Database modelling and DBS
  - Teaching semester: SPRING 2023
  - Credits: 7.5
  - Study level: level II (Intermediate course)
  - Language of instruction: English

Course Information

- https://www.ntnu.edu/studies/courses/IDATG2204#tab=omEmnet

Learning methods and activities
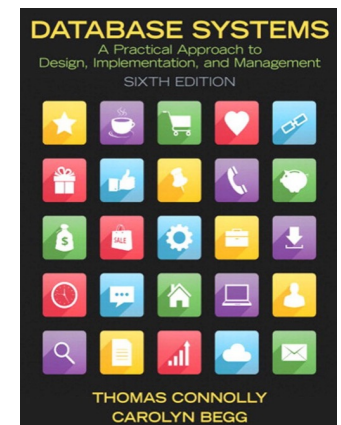
Lectures

- Weekly in A254/255 from 12:15 – 15:00 + 1 hour on Wednesdays.
- Starting week 02 to week 17
- Pre-recorded lectures, on-campus lecturing, in-class activities
- We will use Active Learning activities: IGP method
- Flipped Classroom/ Group Discussion
- Mentimeter Quiz and feedback

Lab activities

- Weekly in A254/255 starting Week 02 from 08:15 – 10:00

Learning material

- ***Textbook:*** Database systems: a practical approach to design, implementation, and management by Thomas M. Connolly, and Carolyn Bygg. 6th Edition.
- Links to online videos and tutorials sites.
- Additional material will be uploaded on Bb.

Timetable

Assessment Criteria

Assignments
- 4/5 mandatory assignments (pass/fail)

Exam (70%)
- Individual 3 hours school exam.
- Examination aid: E – no support material is allowed

Portfolio Assessment (30%)
- Group project:
  - 5 members in each group
- Peer-assessment/ reflection notes
  - Group or individual assessment/notes

- Grading scale: A - F

Key dates (tentative)

Assignment deadlines (tentative):

- A1 - Week 3 - submission deadline: Week 4 (27th Jan at 14:00)
- A2 - Week 5 - submission deadline: Week 6 (19th Feb at 14:00)
- A3 - Week 7 - submission deadline: Week 8 (24th Feb at 14:00)
- A4 - Week 9 - submission deadline: Week 10 (10th Mar at 14:00)
- A5 - Week 11 - submission deadline: Week 12 (24th Mar at 14:00)

- Exam: 10th May
- Portfolio submissoin: 12th May

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General Info (1)

- Assignments are important:
  - Work **evenly** throughout the ten days of assignment periods
  - Assignments should be submitted individually

- Group project work
  - Form groups as soon as possible.
  - Each group should have exactly 5 members, no less, no more.

- Lectures will not be recorded

- Slides will be shared.

- Last year's recording will be made available.

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General Info (2)

- Blackboard is the main resource centre, but we will also use MS Teams Group to disseminate information.

- Use the link on the blackboard course page to join the Teams group.

- Group Name: IDATG2204-DB-2023-SPRING

Join conversation

Microsoft Teams

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General Info (3)

- Quality assurance:
  - Please tell me – or our TAs if you have problems or suggestions for improvements

- Student reference group:
  - We need one student from BIDATA, one from BITSEC, and one from BPROG to meet with us during the semester
  - Please volunteer: We should have three names by the end of the week

- Mentimeter
  - We'll use mentimeter to collect additional feedback

Backgroud Survey

- Please find some time now to respond to the background survey.

- Follow the link on the blackboard course page.

Students Intro...

- If you can say couple of lines about yourself:

  - Name
  - Study Program
  - Previous experience (programming knowledge)

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What do we Expect

The Expert (Short comedy sketch)

https://www.youtube.com/watch?v=BKorP55Aqvg