

# COPENHAGEN BUSINESS ACADEMY



## Introduction to 2. semester

Fall 2017

# Gruppe opgave

## I grupper af 4 skal i finde ud af følgende

1. Hvad var det mest spændende på 1. semester og hvorfor?
2. Hvad er jeres forventninger til 2. semester?

En fra hver gruppe fremlægger

Jeg skal også lige have navne-ansigter på jer alle 😊

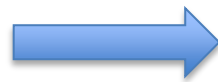
# Subjects

## Business

- Business-strategy
- Business-modelling
- Requirements (specification)
- Work in teams
- Security (organizational perspective)
- Change management

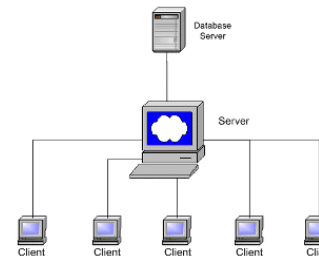


1. semester



## System Development

- SCRUM
- Best practices
- UML
- Relational Database
- Client-server architecture
- Web programming
- Design patterns
- Collections
- Operating systems - Linux



2. semester

# Teachers

- **CNLS** Christian Nielsen [cnls@cphbusiness.dk](mailto:cnls@cphbusiness.dk)
- **THA** Thomas Hartmann [tha@cphbusiness.dk](mailto:tha@cphbusiness.dk)
- **PAB** Palle Bech [pab@cphbusiness.dk](mailto:pab@cphbusiness.dk)
- **TUHE** Tue Hellstern [tuhe@cphbusiness.dk](mailto:tuhe@cphbusiness.dk)
- +( more) for tutoring

# Schedule

- Find the schedule here:
- Overview:
  - <https://github.com/cphdat2sem2017-B/General-info>
- Details:
  - <https://docs.google.com/spreadsheets/d/122kKwOEszJpmfagH21k-2wGdMJ5C7E-iCTPfpemz50s/edit#gid=0>

# Assignments

## **Assignments**

- SQL, Web, Web application
- Program design, E/R model, Requirements spec
- Best practises, Collections and algorithms

## **Semester Project**

- Part 1: Program and report
- Part 2: Report reflections

# Studypoints (210 total)

■ Participation	42 points
■ OS	15 points
■ Database	14 points
■ Frontend1	14 points
■ Mini project Web shop	25 points
■ Algorithm	13 points
■ Requirements	12 points
■ Sprint reviews	48 points
■ Technical infrastructure	12 points

**You must obtain at least 168 points (80%)**

# Examination

## Assessment based on

- Project report (group, with authors stated)
- Oral presentation - Group (max 30 min – 10 min each)
- Oral examination - Individual (30 min, question drawn)
  - "Som en del af den individuelle eksamination skal den studerende demonstrere programmeringsfærdigheder ved lave en mindre ændring/udvidelse i projektets programkode"

**Curriculum:** Everything from 1. year



# Objective for the exam project

- **Identify** requirements by analyzing the business and initial descriptions of the needs
- **Manage** (plan, carry out and control) a project that last for a considerable amount of time
- **Design** and build a web system using a relational database for persistency
- **Write** a report documenting the product AND the process

# Pitfalls 1/2

- Teaching in PRG
  - So: Do **program a lot** during the project
- The individual outcome of the project highly depends on your work morale and contribution
  - **So:**
    - Do **contribute** very actively and dedicated
    - Do **consult** with the teachers intensively
    - Work **disciplined** from start to end

# Pitfalls 2/2

- The report is assessed as part of the exam
  - But: Working is a way of learning
  - So:
    - Do take up **personal challenges**
    - Let every group member work with **all aspects** of the project