Form groups

- Groups of 4 (3-5)
- I want the following information from each group:
  - Names, “personal numbers”, e-mail addresses
  - Contact person (“project leader”)
- Group formation deadline: Friday Jan 28th
Project plan

- Project plan deadline: Friday Jan 28\textsuperscript{th}
- Project plan:
  - Description of the project idea and plan
    - Motivation for your system
  - A system architecture
    - “How will it work?”
    - Must include
      - ER diagram
      - Use cases
      - Description of user interface
  - An implementation plan
Office hours / reachability

Robert Kajic:

- Email: robert.kajic@it.uu.se
- Office: P1306
- Phone: 471 7345
- Available for questions on a drop-in basis on Fridays 13:15-17:00
Weekly meetings

- We will have a weekly 15 minute meeting for the project with each group
  - Each member answers the following questions:
    - What have you done since last week?
    - What are you planning to do this week?
    - Do you have any problems preventing you from accomplishing your goal?
- Schedule 15 minute time slots during my office hours
Mid term report / presentations

- At end of week 8 (Feb 25)
  - Signup sheets for exact meeting times will be made available
- We will talk about the progress of your project
Final presentation

- Presentations
  - Dates during week 12 to be announced
  - Presentation of your project
  - Demonstration of a working solution
A written report, including:
- Motivation for your system
- A description of the system

Deadline
- To be announced

We will ask questions
How to do it?

- Think of a system you want to see
- Think about the use cases
  - How will the system be used?
- Cut the work into pieces
  - User Interface, application code, database
- Assign pieces within the project group
- Use Test Driven Development
  - Test each piece (unit tests)
  - Test all pieces together (integration tests)
Rapid prototyping

- Make a simple prototype ASAP
  - See what new ideas it gives you
  - “Often, users don’t know what they want until they see it” – Steve Jobs

- Show the prototype to other project groups
  - Give feedback to each other