Organizational Meeting
Database Labcourse

January 30, 2017
Coordination

- Prof. Alfons Kemper, Ph.D.
- Dr. Angelika Reiser
- Michael Schwarz

- Bachelor Practical Course
- Master Practical Course
Basic Points

- **Weekly Meeting**: Wednesday, 4 – 6 pm
- Ted Codd Seminar Room: MI 02.09.014
- Database system PostgreSQL – own computer needed
- Install virtual machine for DBS and web server
Content

• E/R Modelling
• **Group Project** Modelling: Information analysis and conceptual schema design
• DDL and DML
• referential integrity, triggers and constraints
• Views
• Transaction concept
• System catalog
• Performance tuning
Content cont.

• **Team Project** Modelling: Schema consolidation
• JDBC, object persistence
• Servlets, JSPs, JavaBeans, HTML5, …
• Design pattern: Model-View-Controller
• **Team Project** UML Modelling of an MVC application
• Final **Team Project**: MVC Implementation
Organization

• Groups of 2, Teams of 6
• First half of the semester
  – Weekly meetings
  – Weekly assignments
  – Grading of the assignments
• Course management tool Moodle for course documents, assignments, announcements, ...
• help desk
Grading

• Midterm exam (written): SQL + JDBC
• Presentations: E/R modelling, UML modelling, final project (always as the team)
• Assignments

Registration via the matching system!

Register on the sheets to show that you have been to this meeting