



Software Engineering

(LECTURE 2)

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LECTURE 1 Overview

- *Introduction*
- *Teaching Assistants*
- *Related Courses (IE & DB)*
- *Statistical Analysis*
- *Class Time*

Today

- *Course Outline*
- *Course Overview*
- *Course Material*
- *Grouping*
- *Project Topics*
- *Overview of the Internet*
- *Overview of the WWW*
- *Introduction to Html*

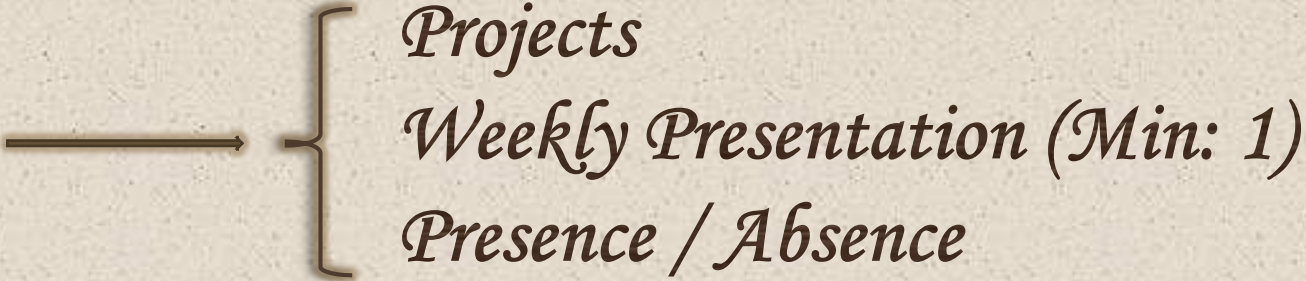
Course Outline

- *Introduction to Internet & Web*
- *Html*
- *CSS*
- *Bootstrap*
- *JavaScript*
- *jQuery*
- *Database*
- *Server Side (C# .NET)*



Implement

Course Overview

- *Goals*
- *Teaching Methodology (Project Implementation)*
- *Grading* 
 - Projects*
 - Weekly Presentation (Min: 1)*
 - Presence / Absence*
- *Expectations*

Course Materials

Online Website

- *www.w3schools.com*
- *www.tutorialspoint.com*

Online Course

- *Persian: Faradars, Maktabkhooneh, Sharif University , ...*
- *English: Udemy, Lynda, Khan Academy, Coursera, Udacity , ...*

Your Suggestions

Grouping

Number of Students → 35

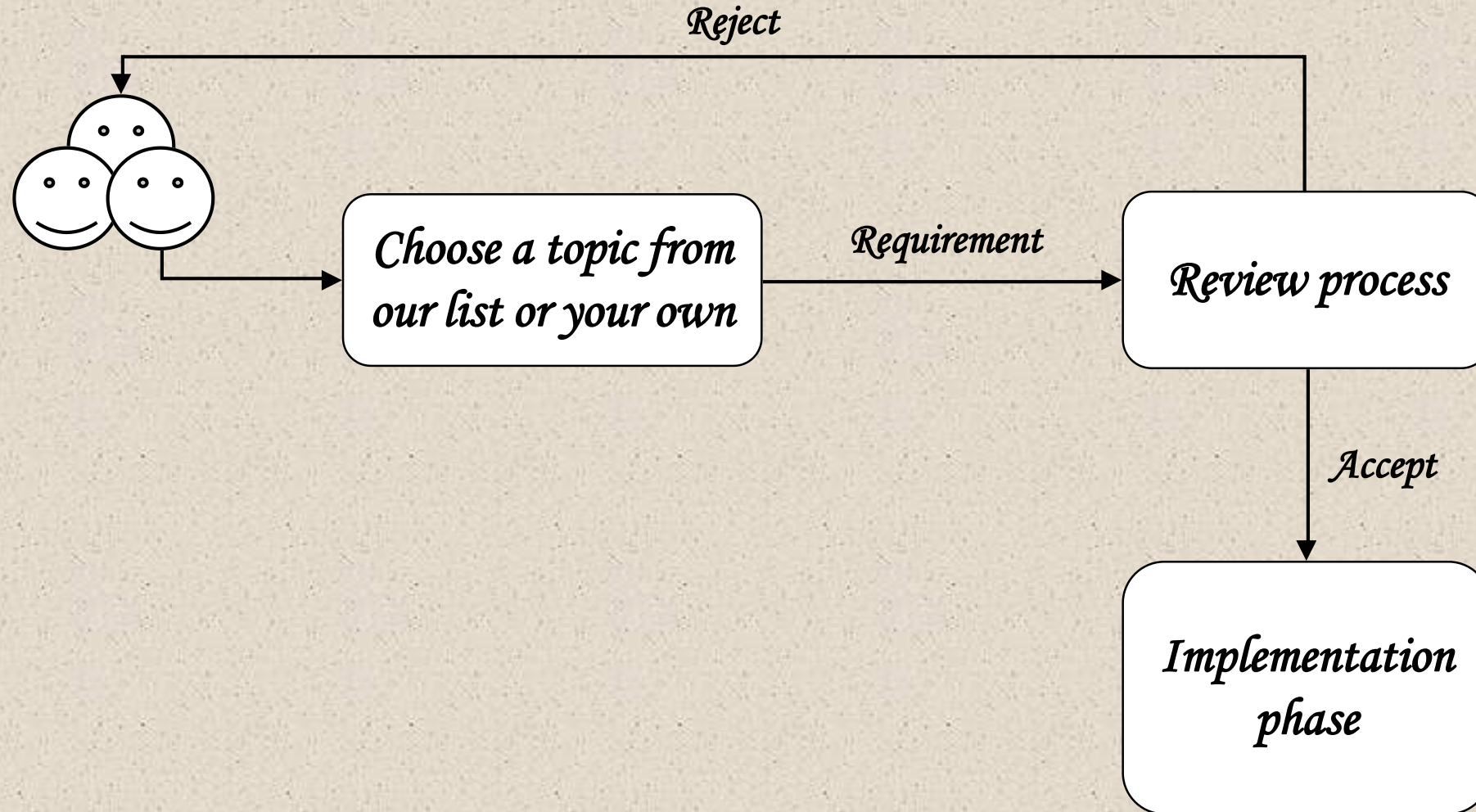
Project Teams → 3 people (a 2 people team)

Divide to 3 Levels :

- *1. Professional (Implementation Experience)*
- *2. Average Knowledge*
- *3. Week Knowledge*

Random Choosing

Project Topics



Proposed Project Topics

- *1. Missing Objects*
- *2. Sharing Books (Second Hand Books)*
- *3. Student Performance Tracking*
- *4. Laboratory Information Management*
- *5. Teammate Finder System*

Questions?
Offers!

Introduction To Internet Engineering

Internet

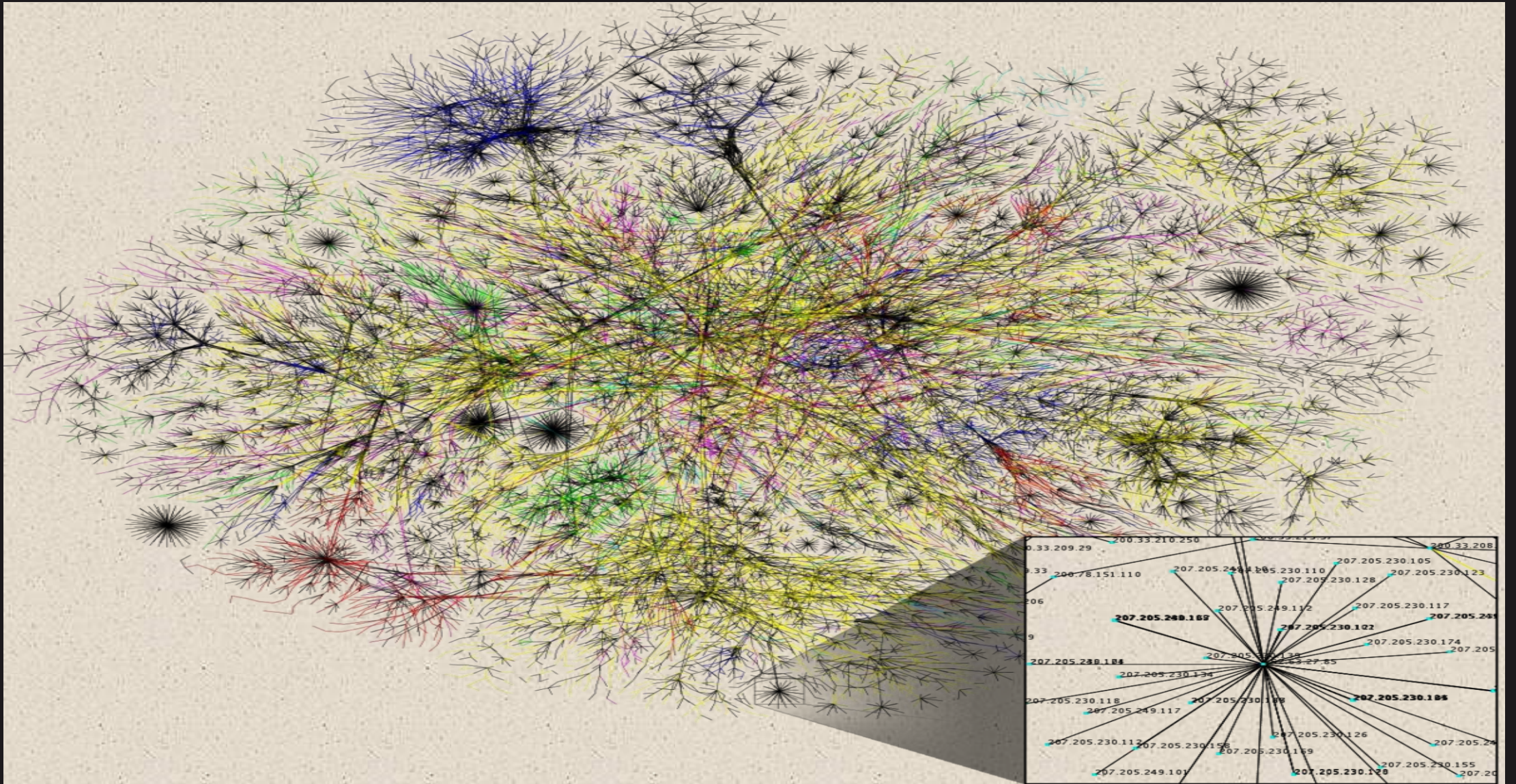


12

Internet Concepts

- *Client / Server*
- *IP Address*
- *Domains*
- *DNS*
- *URL*
- *Protocols*

Visualization of Internet



World Wide Web



WWW Concepts

- *Web vs Internet*
- *W3C (World Wide Web Consortium)*
- *Webpage*
- *Website*
- *Web Browser*
- *Chrome, Firefox, Safari, Edge/IE, Opera*

History

