

ITS330/332
Information System
Development

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Course Information

Code

- ITS330/332

Name

- Information System Development

Status

- Core

Course Information

Credit Unit

- 3

Contact Hour

- 2 hours (Lecture)
- 2 hours (Lab)

Passing Grade

- C (50%)

Pre-requisite

- ITS232

Course Outcomes



Ability to describe an information systems development life cycle



Ability to describe the system requirements and use fact-finding techniques



Ability to design and develop information systems using relational databases

Assessment

TESTS (2X)
20%

Final Presentation
10%

Final Project Report
10%

P
R
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J
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C
T

SDP
4%

SRS
4%

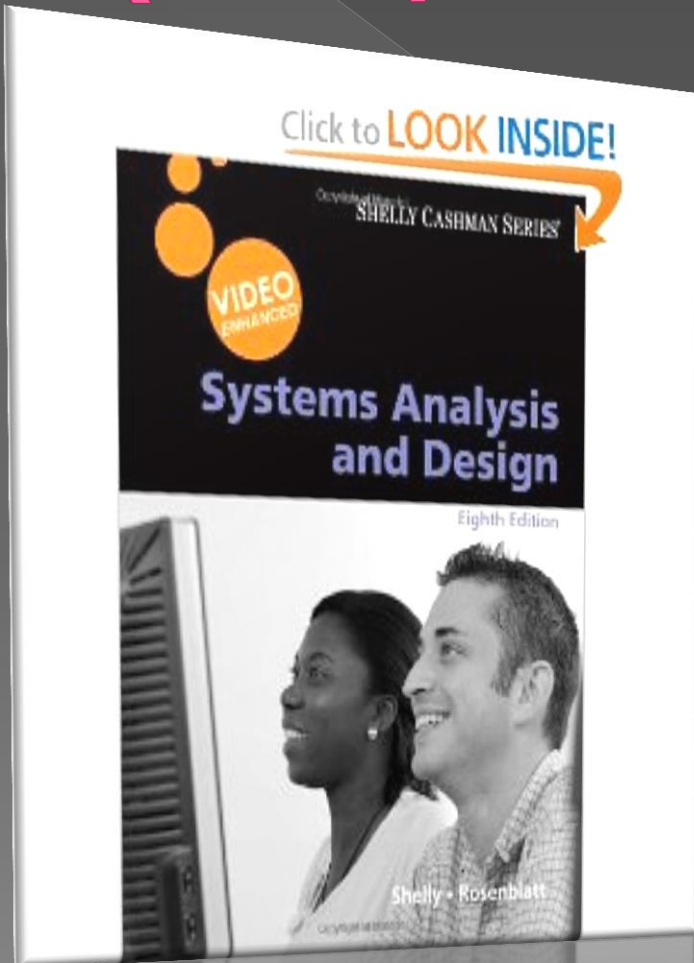
SDD
4%

STR
4%

UM
4%

**FINAL
EXAMINATION**
40%

Recommended Textbook (compulsory)



Shelly, Cashman,
Rosenblatt, *System
Analysis and Design.*
Shelly Cashman
Series, 8th Edition,
2007

Chapters

Chapter 1

- Introduction to Systems Analysis and Design

Chapter 2

- Analyzing the Business Case

Chapter 3

- Requirements Modeling

Chapter 4

- Enterprise Modeling

Chapter 5

- Development Strategies

Chapters

Chapter 6

- Data Design

Chapter 7

- User Interface, Input, & Output Design

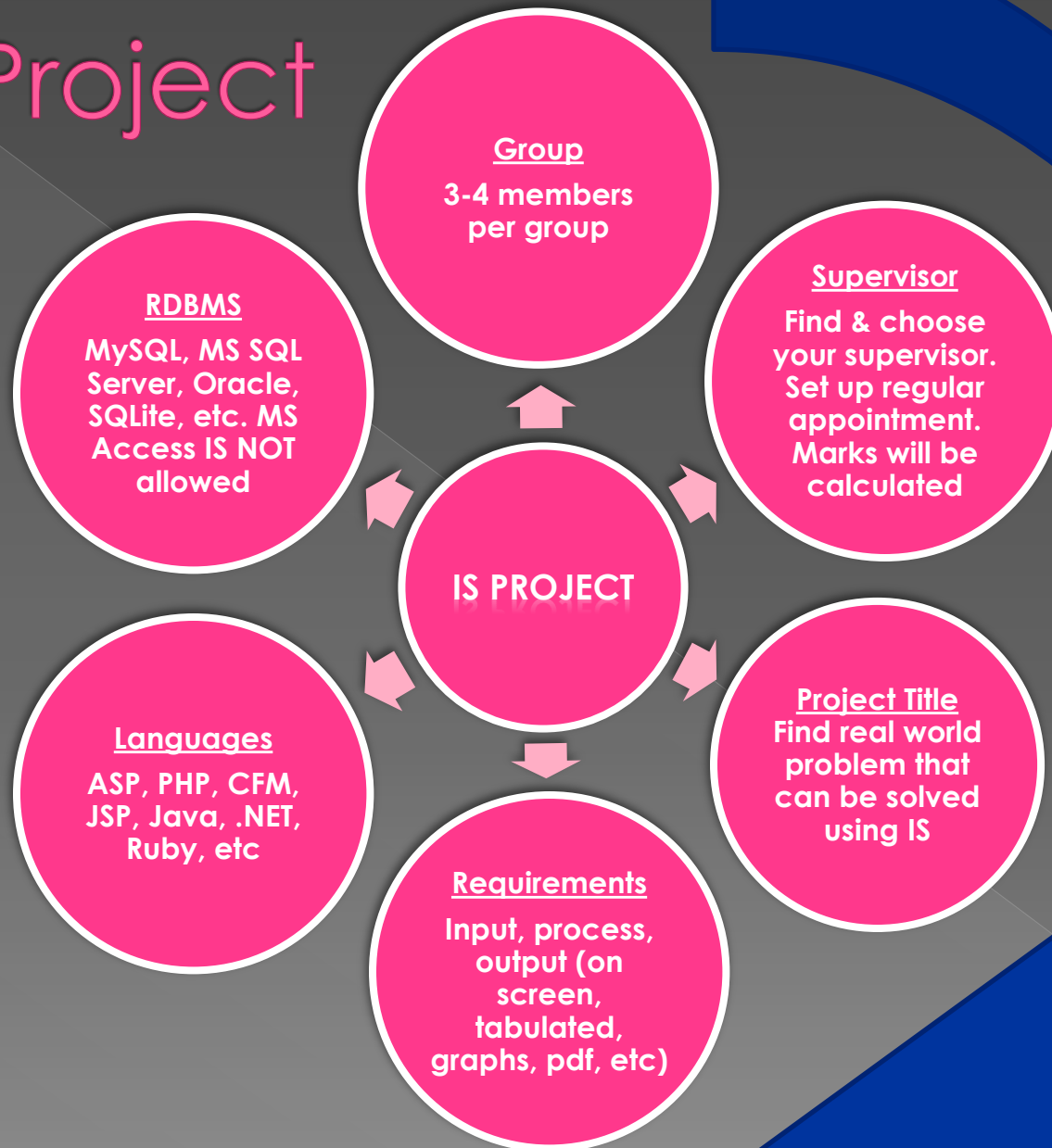
Chapter 8

- Systems Implementation

Chapter 9

- Systems Operation & Support

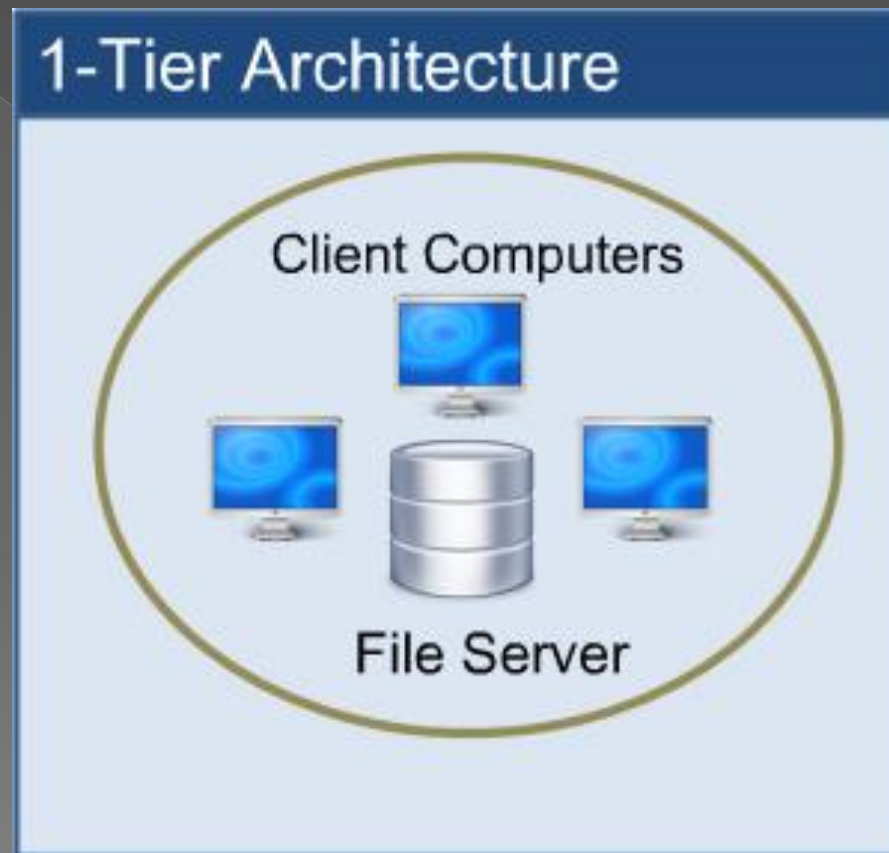
IS Project



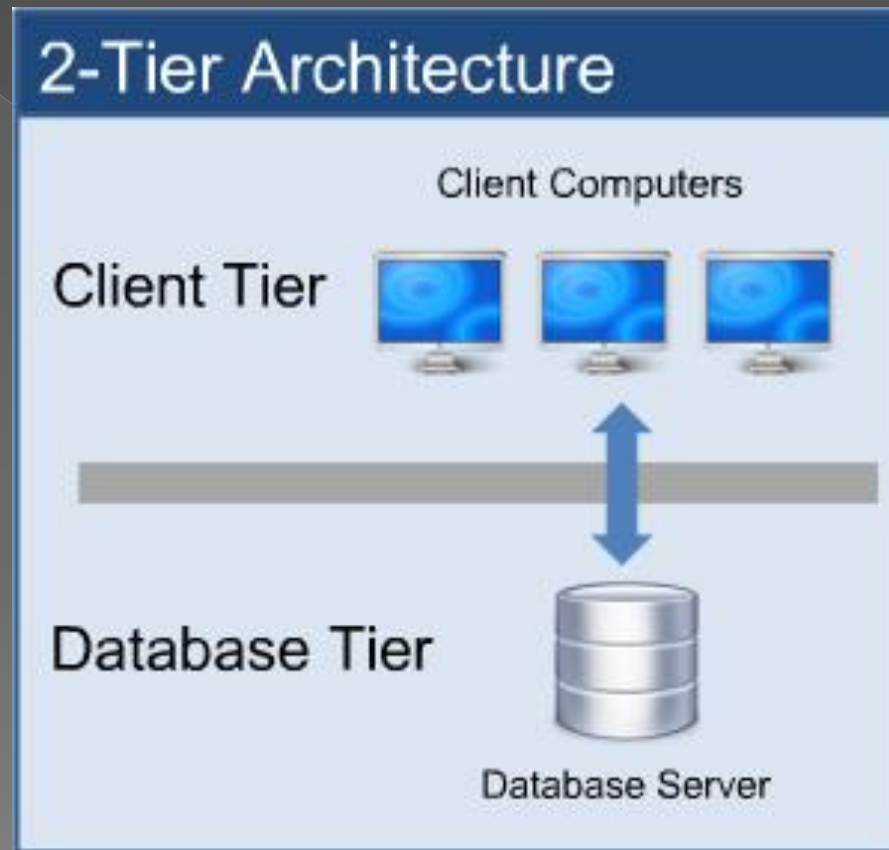
Software

- ◉ MS Project
- ◉ MS Visio/SmartDraw (full version)
- ◉ Bizagi Process Modeler
- ◉ Notepad++/Adobe
Dreamweaver/Macromedia
Dreamweaver/any code editing tools
- ◉ RDBMS (MySQL/MS SQL Server/IBM
DB2/Oracle)

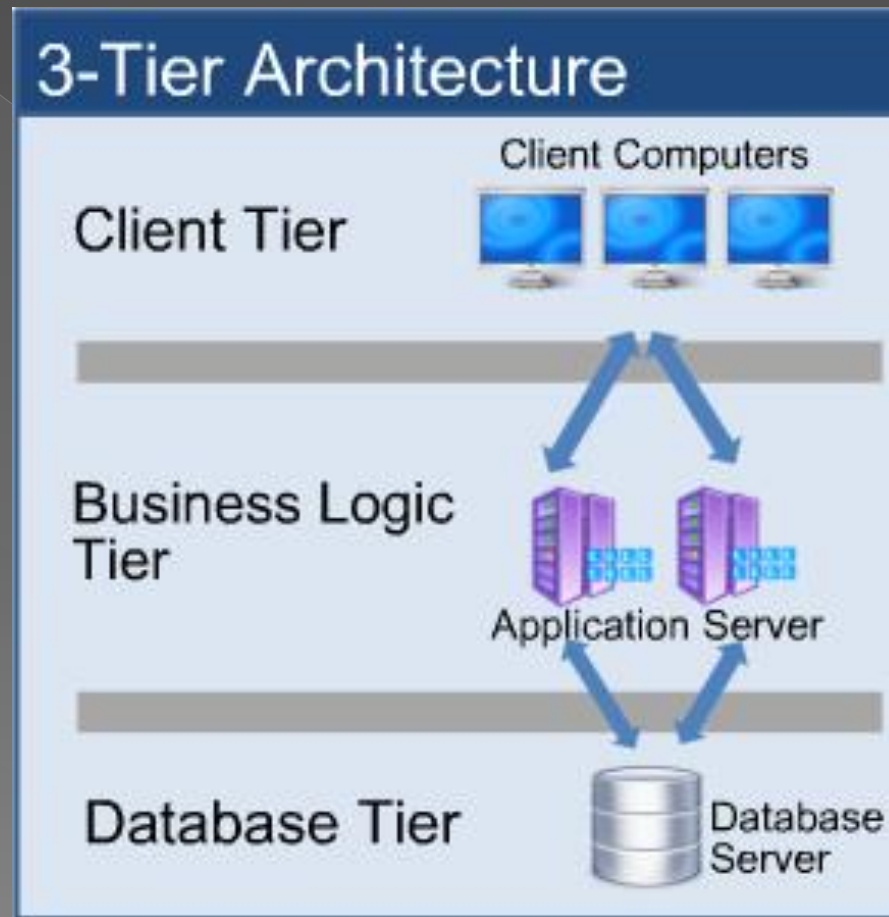
1-tier architecture



2-tier architecture



3-tier architecture



Advice

Independent

- Trial & error
- Google
- Programming forum

Commitment

- Follow instructions
- Don't let your friends down
- On schedule

My Project

- ◎ Student Industrial Attachment Management System
 - > Status: Continue from previous project developed by your seniors
 - > Requirement: Good in logical thinking, critical thinking, programming, independent, tough, able to independent, able to meet dateline, able to meet my expectation.

Thank you