SPM4332: CD-ROM BASED MULTIMEDIA DEVELOPMENT

MULTIMEDIA DEVELOPMENT PROCESS

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INTRODUCTION

• Like the traditional system development, the process of multimedia courseware development can also be divided into different life cycle steps.

• This can help to format the team effectively, and the standards and procedures can be adopted to achieve maximum quality.
INTRODUCTION

• A system development process can follow a number of standard or specific frameworks, methodologies, modeling tools and languages.
MM DEVELOPMENT PROCESS

1. Client request
2. Define the project scope
3. Project proposal
4. Contract
5. Detailed specification
6. Design phase
7. Team formation / recruitment
8. Production
9. Integration
10. Testing (unit, integration, acceptance)
11. Signoff and delivery

MULTIMEDIA DEVELOPMENT LIFE-CYCLE
MM DEVELOPMENT PROCESS

Planning

- Requirements Analysis
- Architecture Design

Goal, objectives and resources

Storyboarding

- Content Production

System Hardware and Software

Specifications

Platform

Formative Evaluation

Evaluation

- Authoring
- Deployment

Control and application files

Summative Evaluation

System Documentation

Screen layouts and logical flow

Source data

Tasking, budget and schedule

Multimedia Development Process

- Source data
- Screen layouts and logical flow
- System Documentation
- Summative Evaluation
- Control and application files
- Updates, product improvement
ID MODEL

• For educational/training multimedia courseware, Instructional Design Model (ID Model) is a process framework (general) that can be used.

• What is ID Model? Example of ID Model?

• Discuss in a group of 3.
DEVELOPMENT PROCESS: GENERAL

• To be more specific, overall process of developing a courseware generally follows six major stages:
  i. Courseware definition and planning
  ii. Information architecture
  iii. Courseware design
  iv. Courseware construction
  v. Courseware marketing/implementation
  vi. Tracking, evaluation, and maintenance
DEVELOPMENT PROCESS: GENERAL

• To be more specific, overall process of developing a courseware generally follows six major stages:
  
  i. Courseware definition and planning (Analysis)
  ii. Information architecture (Analysis)
  iii. Courseware design (Design)
  iv. Courseware construction (Development)
  v. Courseware marketing/implementation (Implementation)
  vi. Tracking, evaluation, and maintenance (Evaluation)
DEVELOPMENT PROCESS: GENERAL

• Discuss which phase you think is the most important and why?
1ST STAGE : ANALYSIS

• So, how will you do requirements analysis for your educational multimedia project?
Thank You!