Component 4: Introduction to Information and Computer Science

Unit 9/Part e: Components and Development of Large Scale Systems

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Kinds of Tests

- Volume
- Security
- Scalability
- Sanity
- Smoke

Kinds of Tests

- Exploratory
- Ad Hoc
- Regression
- Reliability
- Installation

Kinds of Tests

- Maintenance
- Recovery
- Accessibility
  - ADA compliance
  - Section 508 compliance
  - Web Accessibility Initiative

5. Systems Support & Security

- Managing systems support and security:
  - User Support
  - Systems Maintenance
  - System Security
  - Physical Security
  - Backup and Recovery
  - System Obsolescence

User Support

- User training
- Help desk

Systems Maintenance

- The modification of a system to correct faults, to improve performance, or to adapt the system to a changed environment or changed requirements.
  - Maintenance Tasks
  - Maintenance Management
  - System performance management

Maintenance Tasks

- Corrective
- Adaptive
- Perfective
- Preventive

Maintenance Management

1 of 2

- Maintenance team
- Maintenance requests
- Establishing priorities

Maintenance Management

- Configuration management
- Maintenance releases
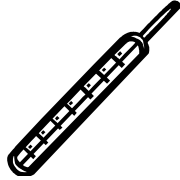- Version control
- Baselines

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System Performance Management

- Fault management
- Performance and measurement
- Capacity planning

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