

MIS: Special topics

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Hello x Day 4

你好

Day 3 Review

1. IT controls- what are they?
2. How does an organization manage risk?
3. What elements are included in a risk register?
4. What does ERD stand for?

Documentation

- Both business analysts and IT auditors use documentation as key parts of their jobs.
- Both roles use documentation for :
 - Ensuring processes are effective and reliable
 - To manage risk
 - Accountability and traceability

A business analyst creates documentation at the start of a project. The IT auditor looks at documentation after the project has been completed and is in standard use.

Remember this? The IT Audit Process



Here is the Auditing documentation process

1. Understand the audit scope & objectives
2. Gather all relevant documentation
3. Review for completeness and accuracy
4. Compare to standards and best practices
5. Test documentation against reality
6. Document findings
7. Follow-up

Let's work through an example

Step	Case: Looking at a Data Backup Policy
Identify	Locate the current data backup policy in the company.
Evaluate	Look for all training manuals, procedures, storage locations, offsite storage, testing procedures
Verify	Confirms all back up logs, procedures, and testing are accurate and in working order
Report	Compare everything against what is currently in policy (i.e. COSO, COBIT)
Recommend	Suggests re-establishing more accurate testing policy and detailed logs for future audits

What happens after an audit is completed?

- **Change Management**

- The process of managing change to a system
- A comprehensive process, team, or even organization that manages all change related to business
- Why is this important?
 - Any software, IT, or other update must be reviewed, and thoroughly tested and documented before it is put into place.
 - This minimizes risks and business disruption.

Tomorrow's schedule:

- **AM session:**
 - Group projects
 - Each group will have 15 minutes
 - Each group member should introduce themselves to the class and speak throughout a portion of the project
- **PM session:**
 - 1PM-2PM: final exams

Let's review the class

- **We talked about...**
 - IT controls
 - Business analysts vs. IT auditors
 - How to gather requirements (elicitation)
 - How to interview stakeholders
 - Project roles
 - Project documentation
 - Process mapping
 - Data mapping
 - Auditing lifecycle
 - Control framework
 - Change management
- **Let's put it into practice with your final project!**

The rest of class will be dedicated to finalizing your group project.