Homework 1 – IT risk analysis

Activity	Description
Identification of critical information assets, IT assets	Business process description, critical information systems Main information assets and IT assets Asset valuation: • Confidentiality • Integrity • Availability Business Impact Analysis
Threats identification	Threats identification and integration with information systems Categorization: • Elemental • Directed Identify sources
Weaknesses identification	Weaknesses in: • Technology • Person • Infrastructure • Organization Identify sources
Probability assessment	Measurement scale development Probability assessment Risk scenarios
Impact assessment	Measurement scale development Impact assessment Risk scenarios
Risk assessment	Risk matrix development Risk assessments Risk valuation
Risk treatment	Risk treatment options: • Avoidance • Reduction • Sharing • Retention