Information System Audit and Control

Objective:

The objective of this assignment is to provide students with practical experience in assessing IT controls within a real-world organizational setting. By visiting a company and gathering information on IT areas and applied controls, students will gain insights into the effectiveness of control measures and their alignment with industry best practices.

Formation of Groups:

Students will form groups of 5 members each. Link is shared on Google Classroom where you can enter your company name and group members.

On-Site Visit:

Each group must conduct some research on the assigned company, including its industry, size etc. Get firsthand information regarding the IT environment of the company.

Groups will schedule a visit to the assigned company to gather information on IT general controls.

During the visit, students should interview key personnel, review documentation (e.g., policies, procedures, manuals), and observe IT operations.

Get information on who you met and what was their role in the organization.

Information Gathering:

Students will collect data on various aspects of IT general controls, including but not limited to:

Access controls (e.g., user provisioning, authentication mechanisms)

Change management processes

Incident response and disaster recovery procedures

IT infrastructure security (e.g., network security, physical security)

IT risk management practices

Compliance with relevant standards and regulations

Analysis and Documentation:

Each group will analyze the information gathered and assess the effectiveness of IT general controls within the company.

Gather at least 5 – 7 key controls on the above areas to include in your presentation.

Presentation (15 mins per group):

Each group will prepare a presentation summarizing their findings and recommendations.

Presentations should cover:

Overview of the company and its IT environment

Assessment of IT general controls

Identified control deficiencies and their potential impact

Recommendations for enhancing IT general controls

Any relevant observations or challenges encountered during the audit process

Submission:

Each group will submit a short summary of the above in report form, including the presentation slides and any supporting documentation.

Assessment Criteria:

Depth and comprehensiveness of information gathered during the on-site visit.

Analysis and evaluation of IT general controls effectiveness

Clarity and professionalism of the presentation

Quality of recommendations for improving IT general controls

Compliance with assignment guidelines and deadlines

Note: It's important to ensure that students adhere to ethical guidelines during the audit process, respecting the confidentiality and privacy of the company's information.