# Task A.1 - Project Planning and Team Organization

## Planning Approach:

This data center project was approached using a structured and systematic methodology. As a freelance DevOps Engineer, I handled the full project lifecycle individually, ensuring each stage was carefully executed.  
- Conducted initial requirement analysis based on Rooman Technologies' business needs and future growth plans.  
- Broke down the project into clear stages covering on-premises and cloud infrastructure.  
- Created a timeline and milestones to ensure timely completion before the deadline.  
- Selected the appropriate cloud service provider and technologies aligning with ISO 27001 compliance.

## Task Management and Collaboration:

As an individual contributor, I used the following tools and practices:  
- Trello & Notion: For task tracking and progress monitoring.  
- Google Docs: For drafting project documentation.  
- AWS Console & CLI: For building and managing the cloud environment.  
- Linux Shell & Python: For scripting and automation.

## Individual Contributions:

- Requirement analysis & infrastructure design  
- Network topology design  
- Cloud service provider comparison and selection  
- Cloud implementation on AWS  
- Security and compliance setup  
- Automation of monitoring scripts  
- Complete technical documentation preparation