## Project 1 - Technology

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P101	ect	<b>Planning</b>	anu	Design

Detailed planning of IT infrastructure, software solutions, and system architecture.

Regulatory Compliance and Approvals

Ensure adherence to data protection laws, cybersecurity standards, and software regulations.

Resource Allocation and Management

Manage human resources and tech tools effectively, aligning team skills with project needs.

Vendor and Contractor Management

Collaborate with software developers, cloud service providers, and hardware vendors.

Construction and Commissioning

Building servers, setting up data storage, implementing software tools, and initiating the system.

Quality Assurance and Validation

Testing for system bugs, security vulnerabilities, and user acceptance.

Risk Management

Identifying technical failures, cybersecurity threats, and integration challenges.

Sustainability and Environmental Considerations

Efficient energy use, sustainable hardware practices, and minimizing electronic waste.

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## Project 2 - Technology

Project Planning and Design

Develop cloud-based solutions, including architecture and deployment planning.

Regulatory Compliance and Approvals

Obtain necessary certifications, comply with GDPR, and data sovereignty laws.

Resource Allocation and Management

Assign cloud engineers, project managers, and data analysts to key roles.

Vendor and Contractor Management

Outsource cloud hosting services, collaborate with SaaS providers.

Construction and Commissioning

Deploy the cloud infrastructure and integrate various third-party services.

Quality Assurance and Validation

Conduct load testing, security penetration testing, and usability checks.

Risk Management

Assess data breach risks, cloud downtime, and potential system integrations.

Sustainability and Environmental Considerations

Leverage energy-efficient servers and reduce environmental impact of data centers.