

# Feasibility Study

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Understanding project viability  
through feasibility analysis

# What Is a Feasibility Study?

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- Structured assessment to evaluate project viability
- Conducted during Requirement Analysis Phase
- **Goal:** Prevent failure, reduce risks, optimize resources



# Importance of Feasibility Study

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- Ensures sound decision-making
- Avoids waste of time, cost, and effort
- Identifies risks early
- Builds stakeholder confidence

# Types of Feasibility Studies – Overview

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- Technical – Technology & skills
- Economic – Cost, ROI, benefits
- Operational – Usability & acceptance
- Legal – Compliance & regulation
- Schedule – Timelines & deadlines



# Technical Feasibility

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- Is the required technology available?
- Do we have the technical expertise?
- Are there integration or compatibility risks?
- Example: Clinic with 1 IT tech for patient system

# Economic Feasibility

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- Can the project be completed within budget?
- Is the ROI positive?
- What are the financial risks?
  
- Example: University app with low budget but skilled students



# Operational Feasibility

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- Will users accept and use the system?
- Are internal processes ready?
- Is training or support needed?
- Example: Retail staff using voice assistant

# Legal & Schedule Feasibility

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## Legal:

- Are we complying with data laws, contracts?

## Schedule:

- Can we finish in required time?
- Examples: GDPR for EU apps; 3-month MVP plan



# Summary & Key Takeaways

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- Feasibility study = decision-making tool
- 5 components: technical, economic, operational, legal, schedule
- Use it before development to reduce risk
- Practice through scenario analysis