

# How to identify a mediocre approach – Eg 12

Imagine that you use (or want to use) the following approach engineering information

## Information Engineering

- A data-oriented methodology to create and maintain information systems
- Top-down planning approach
- Four steps:
  - Planning - results in an **Information Systems Architecture**
  - Analysis - results in **functional specifications**...i.e. what we want
  - Design - results in **design specifications**...i.e. how we'll do it
  - Implementation - results in final **operational system**

Or

## INFORMATION ENGINEERING METHODOLOGY (IEM)

- Systems Planning
- Systems Analysis
- Systems Design
- Systems Construction and Implementation

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## Diagnosis 1





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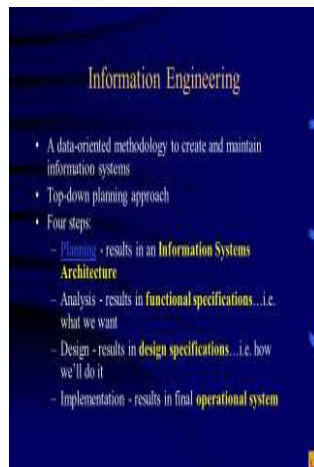
Phase	Deliverable	Class	Mitigation
Plan	Objectives		Too implicit
	SWOT analysis		SWOT about What?
Analyse	Data modeling		Prev 2 mediocre Irrelevant as last deliverable was pointless
	Process modeling		
Design	Database design		
Construct	Code & test		
Implement	Systems		

**Conclusion: Find a better approach**

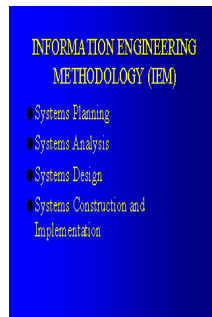
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## Explanation

Why is it pointless?



Or



1. Step 1 – Plan
  - 1) Identify business objectives: Originally designed around: Mission and purpose; Markets; Products; Services; & Channels. Relies on brainstorming activities. Hence mediocre
  - 2) SWOT analysis. Relies on brainstorming activities. Hence mediocre
2. Step 2 – Analyse
  - 1) Data modeling – Pointless as last two steps were mediocre
  - 2) Process modeling – Irrelevant steps as previous step was pointless
3. Steps 3 to 5 – Irrelevant steps as previous step was pointless

**Conclusion: Find a better approach & software product**

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## Final Diagnosis

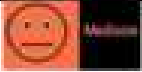
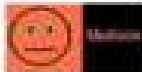

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