

# Systems Analysis and Design Cheat Sheet by Bayan (Bayan.A) via cheatography.com/122738/cs/22945/

## Process/Method

Refers to the tasks carried out during a project

step-by-step description of the steps involved in doing a particular job

A method is specific to one project

# Why Methodology?

Refers to the general framework and principles used to organise the tasks

Techniques of system development must be organized

A metaprocess that can be applied to many projects

A methodology is instantiated on a project set of general principles that guide the choice of a method suited to a specific task or project

Typical A range of business software product: applications

#### Advantages

- Helps produce better quality product
- Better documented software
- · More acceptable to user
- · More maintainable software
- More consistent software
- Helps ensure user requirements are met
- Helps project manager control the project
- Reduces development costs
- Promotes communication among all parties

## USDP

Unified Software Development Process

Largely superseded by Rational Unified Process

Main princi- – Use-case driven ples:

- Architecture-centric
- Iterative development
- Incremental development



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