Introducing the terminology

Enterprise software is computer software used to satisfy the needs of an organization.

Martin Fowler: "Enterprise applications are about the display, manipulation, and storage of large amounts of often complex data and the support or automation of business processes with that data."

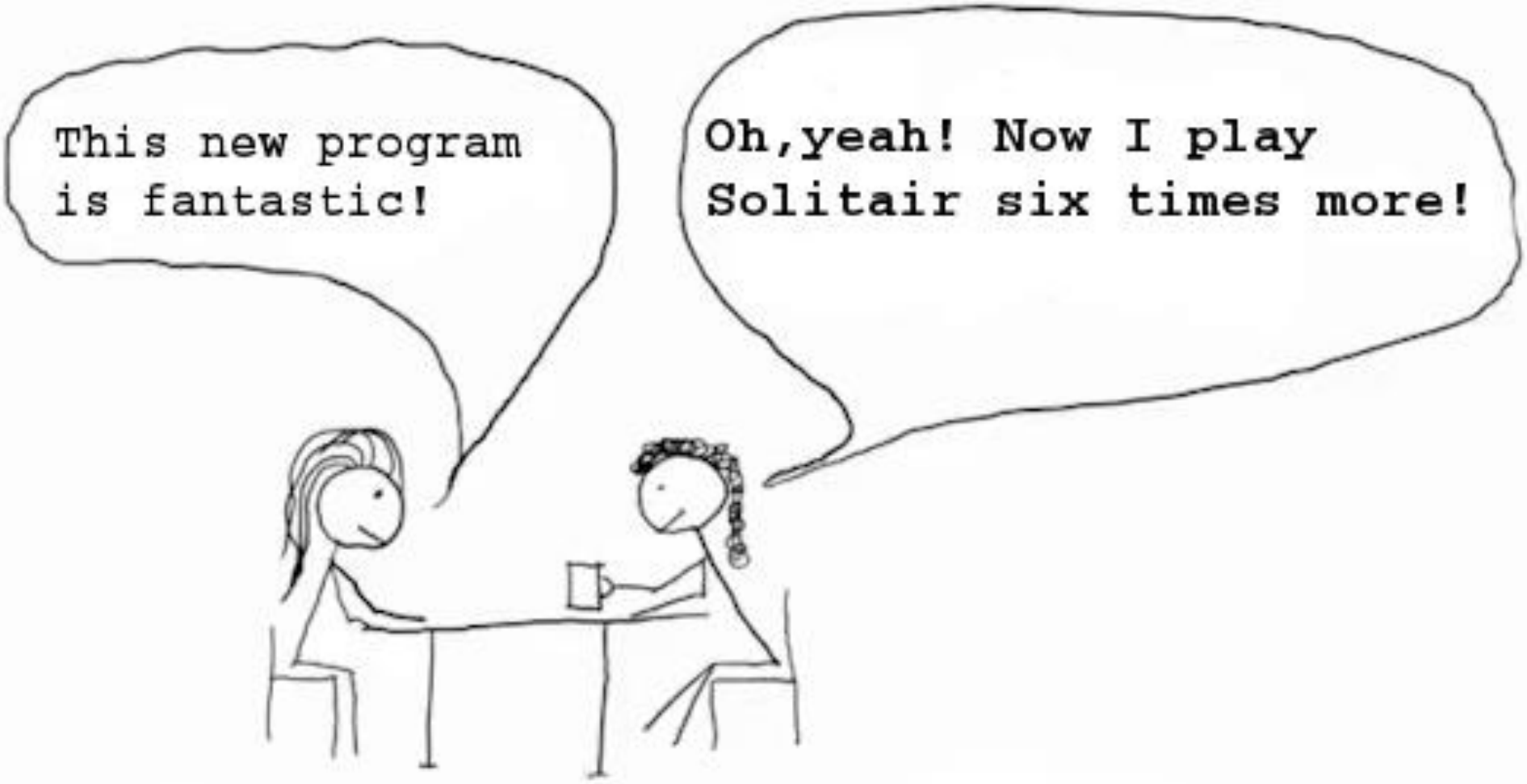
https://en.wikipedia.org/wiki/Enterprise_software

Example

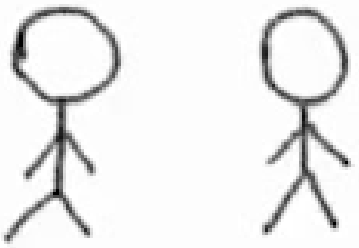
Right automatization

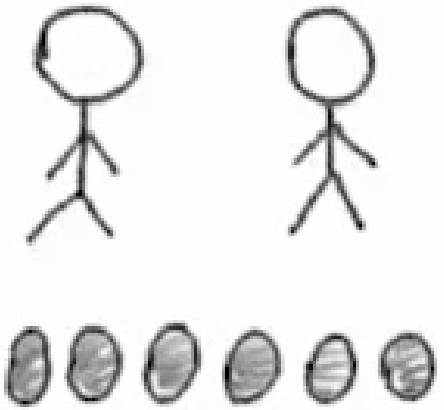
By Max Dorofeev

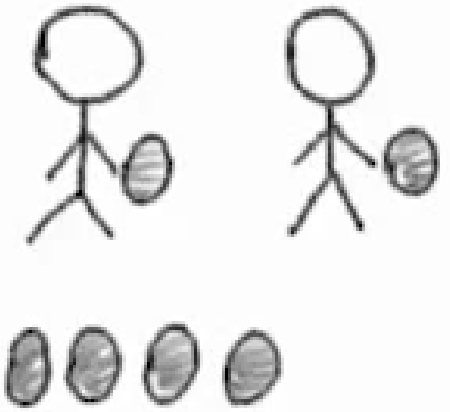
https://youtu.be/XDF02KmgJFE?t=1h6m26s



Automate correctly!







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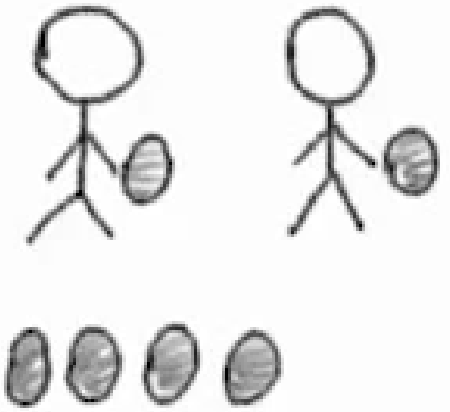

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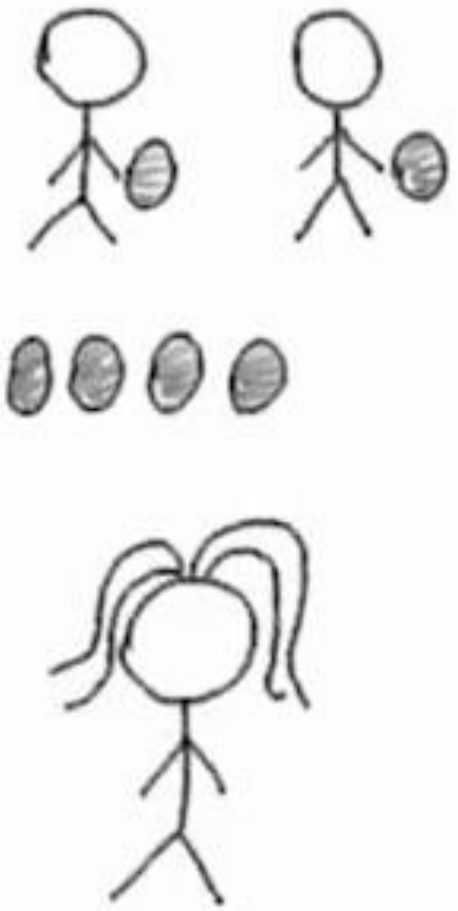

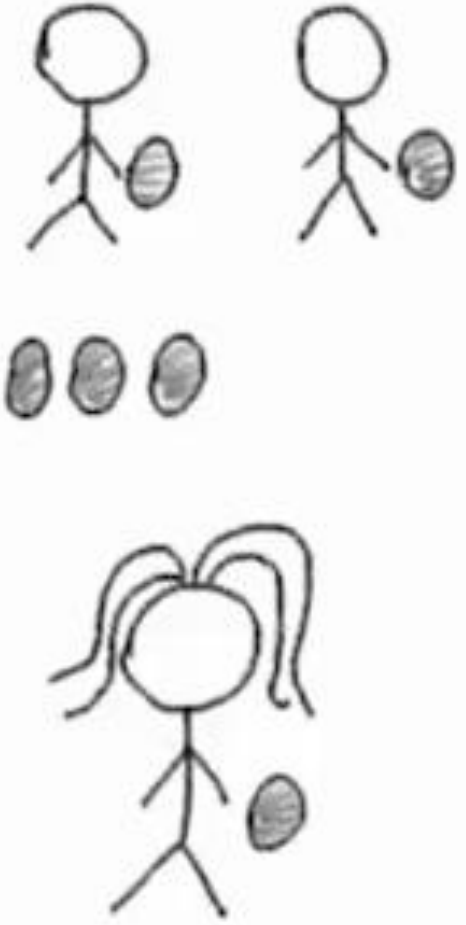

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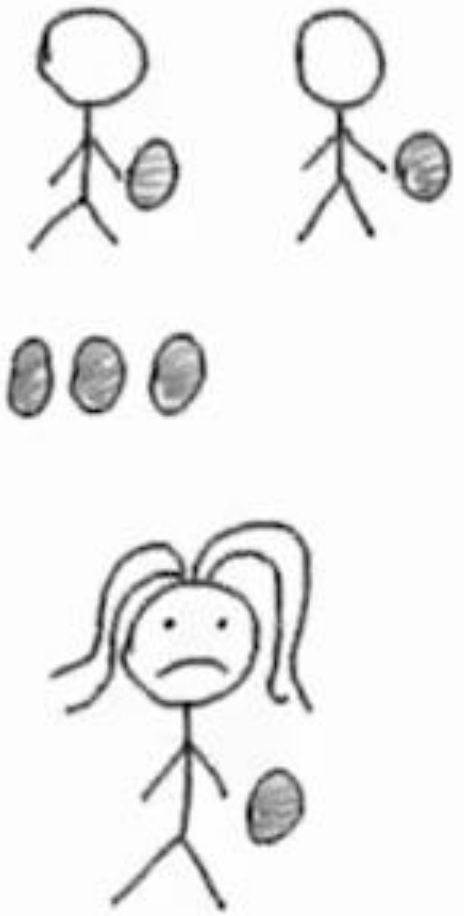

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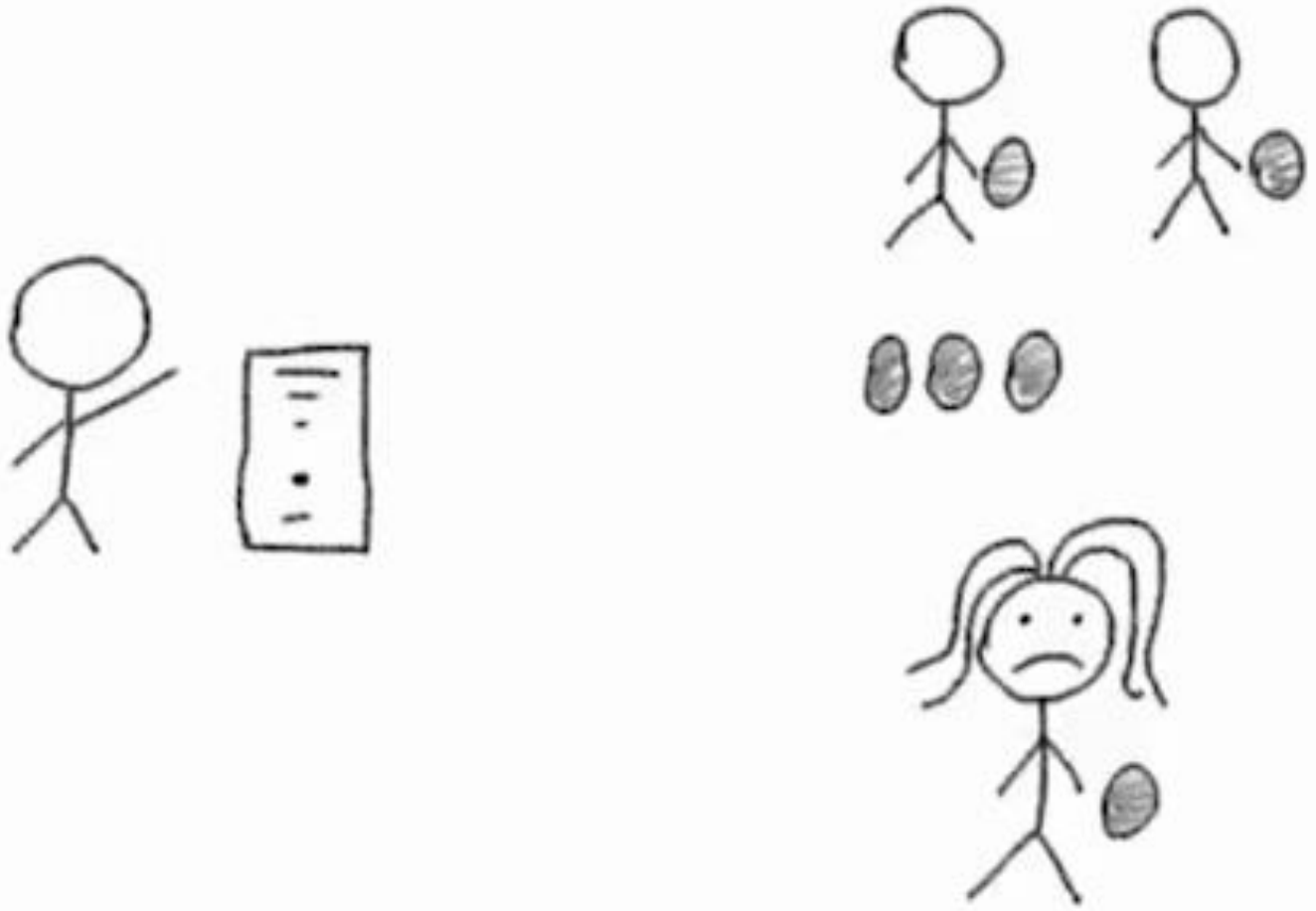

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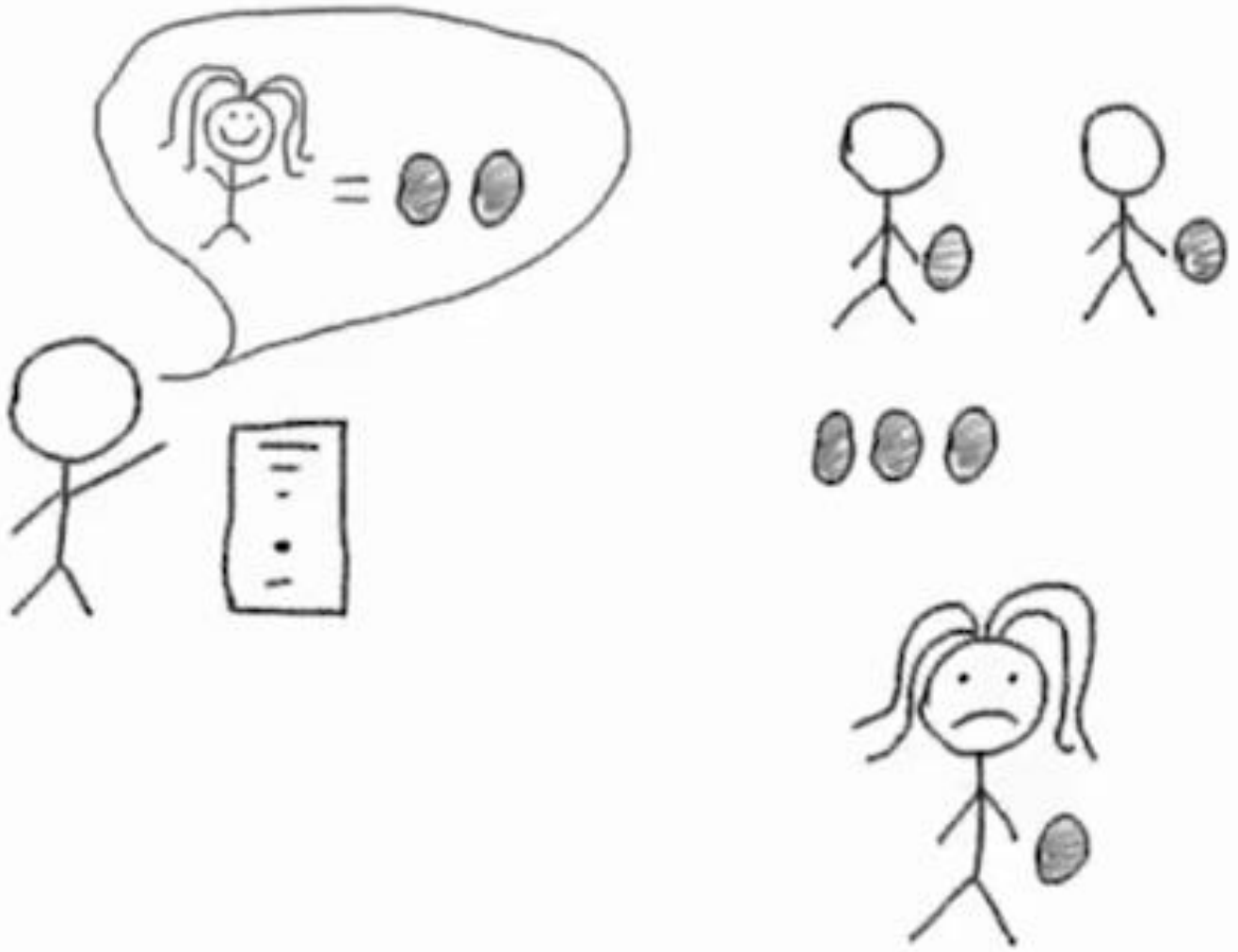

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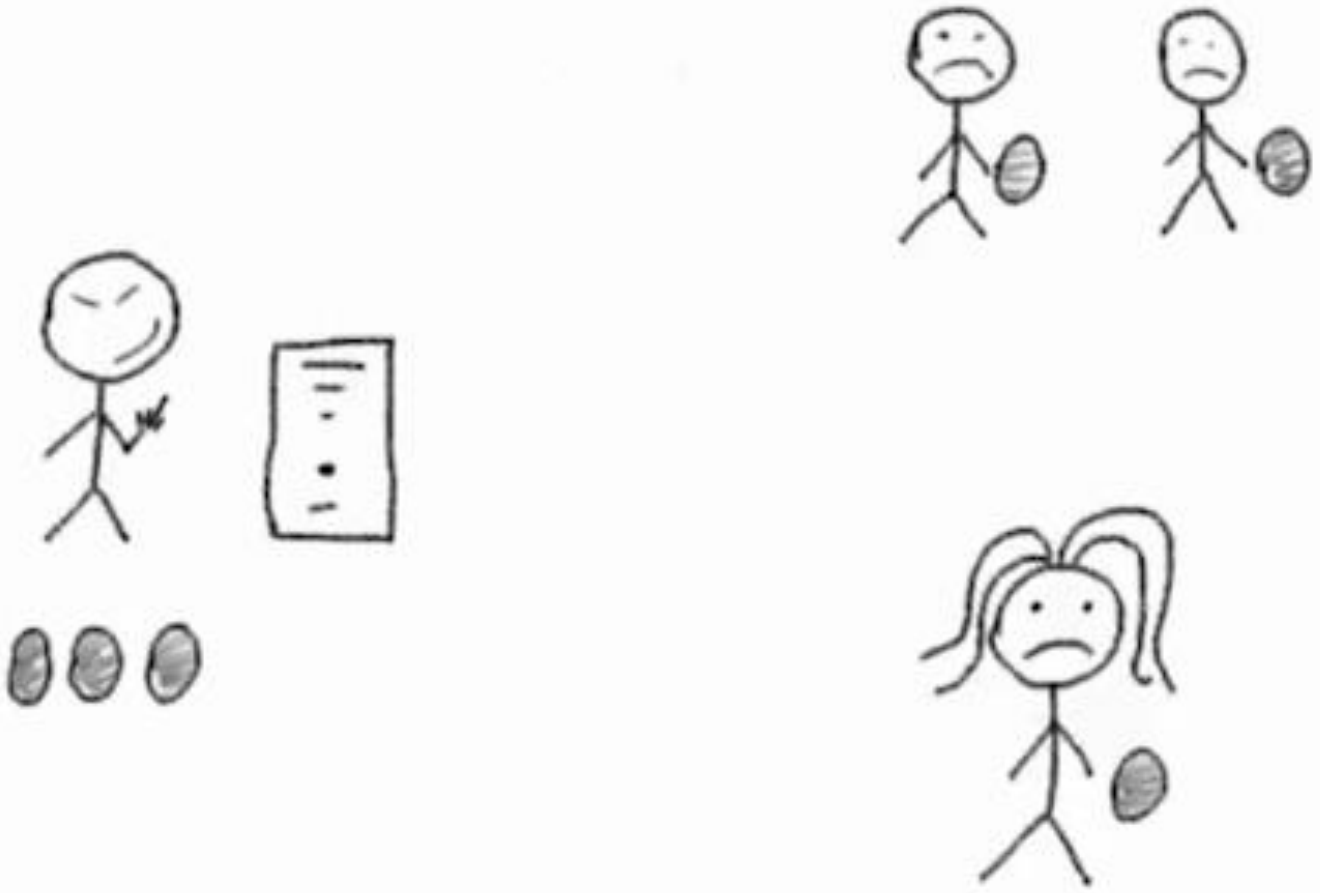
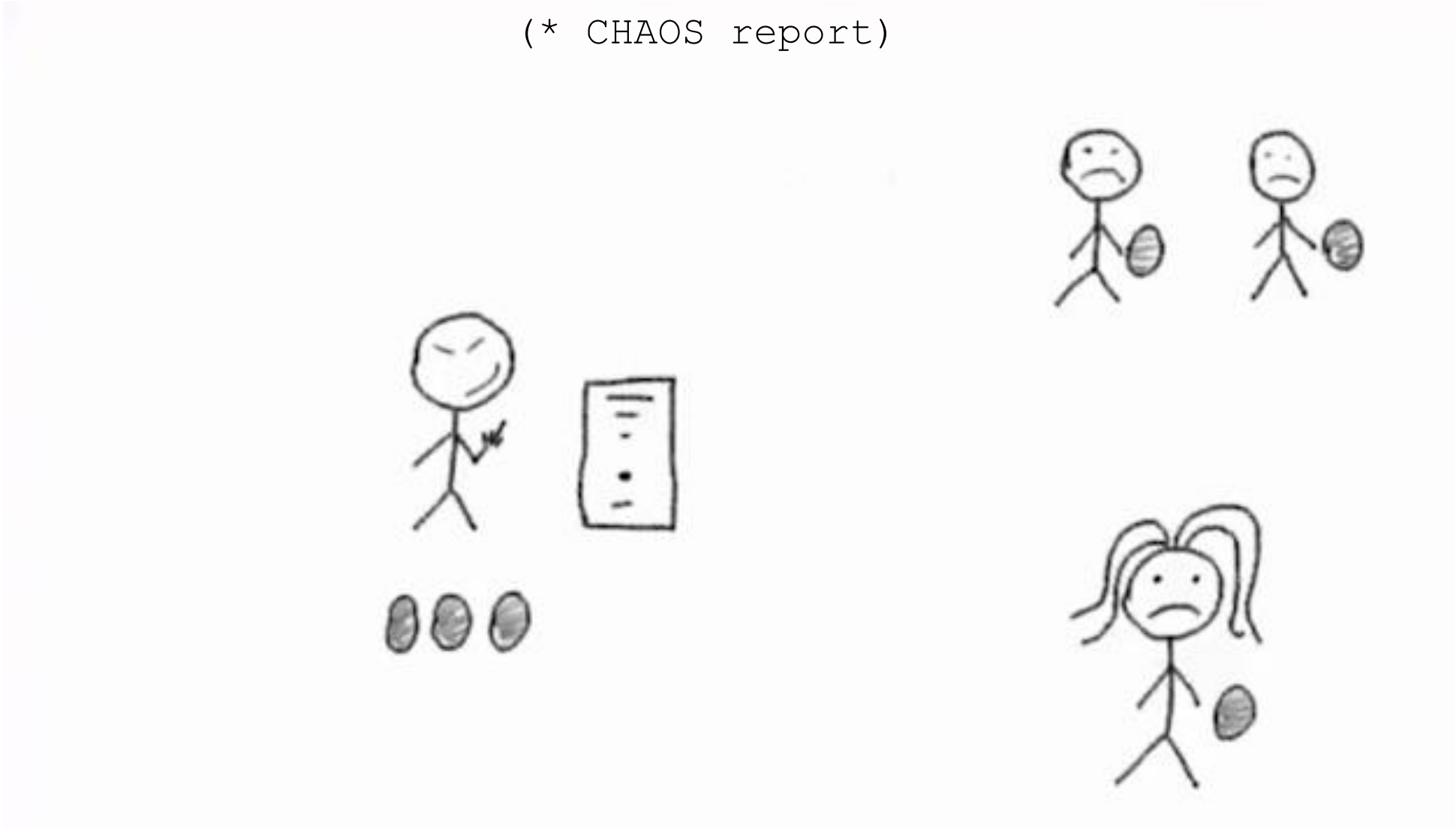


It is necessary to pass report!

Every 4th fails!!!

(* CHAOS report)

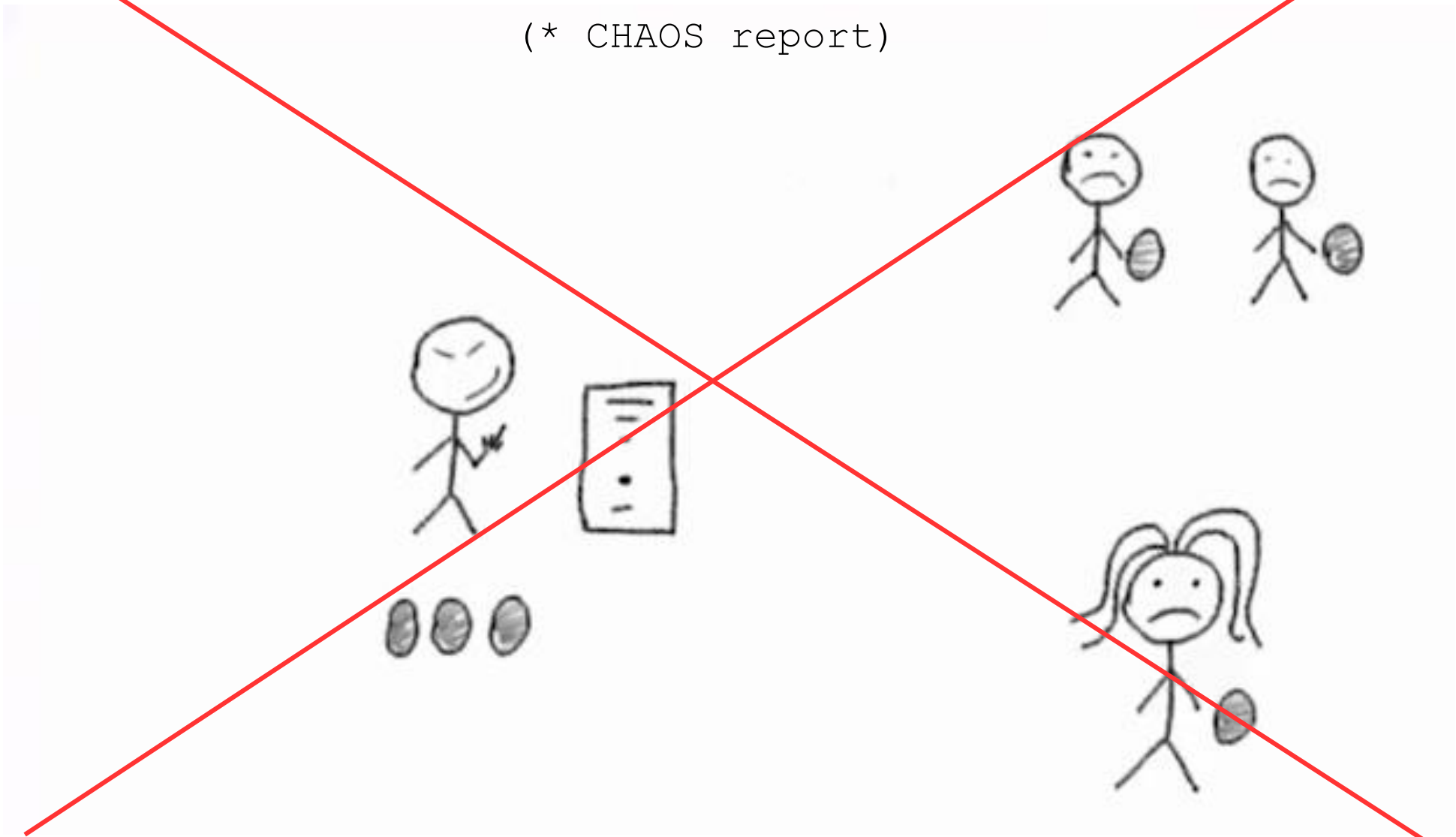


It is necessary to pass report!

* https://www.projectsmart.co.uk/white-papers/chaos-report.pdf

Every 4th fails!!!

(* CHAOS report)



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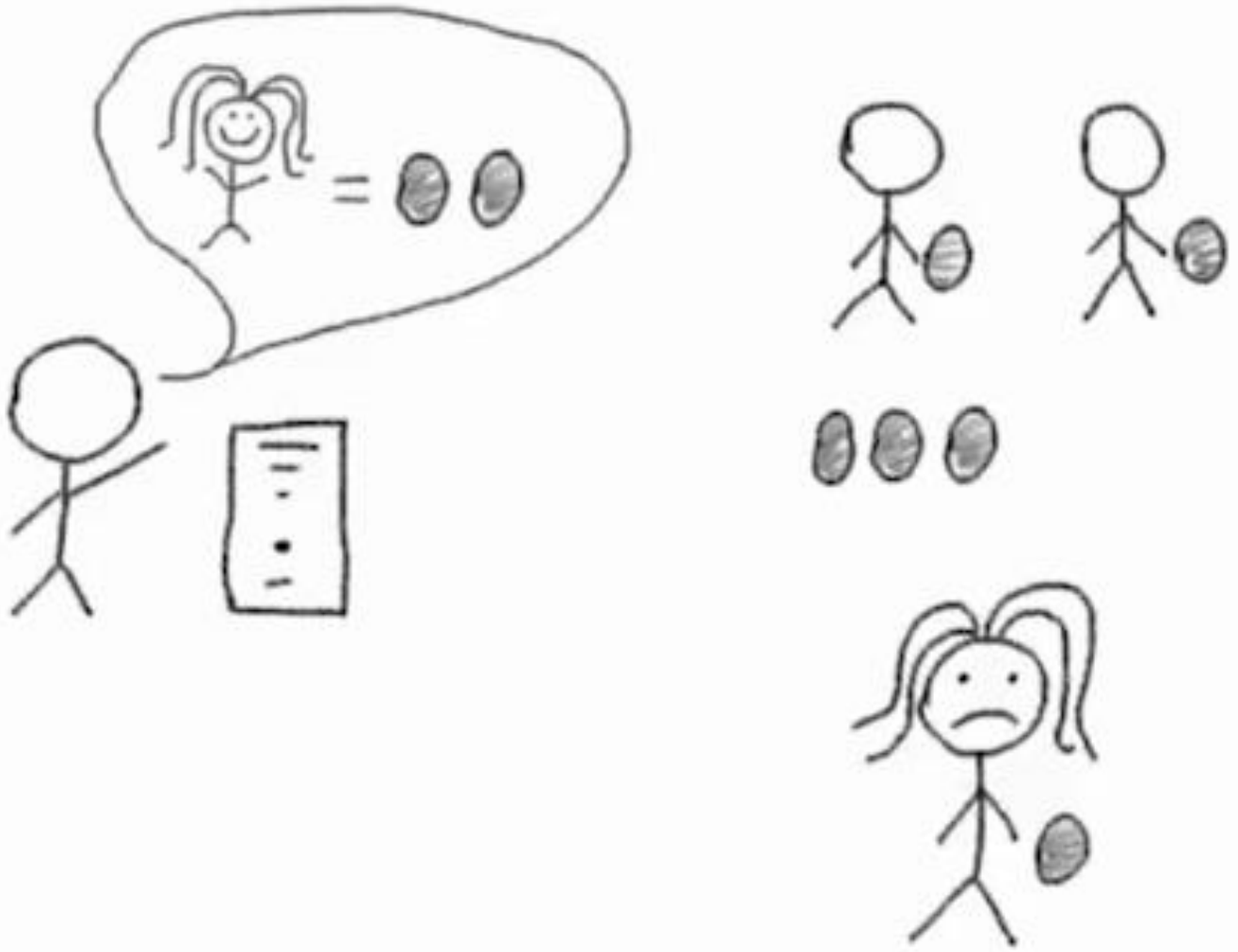

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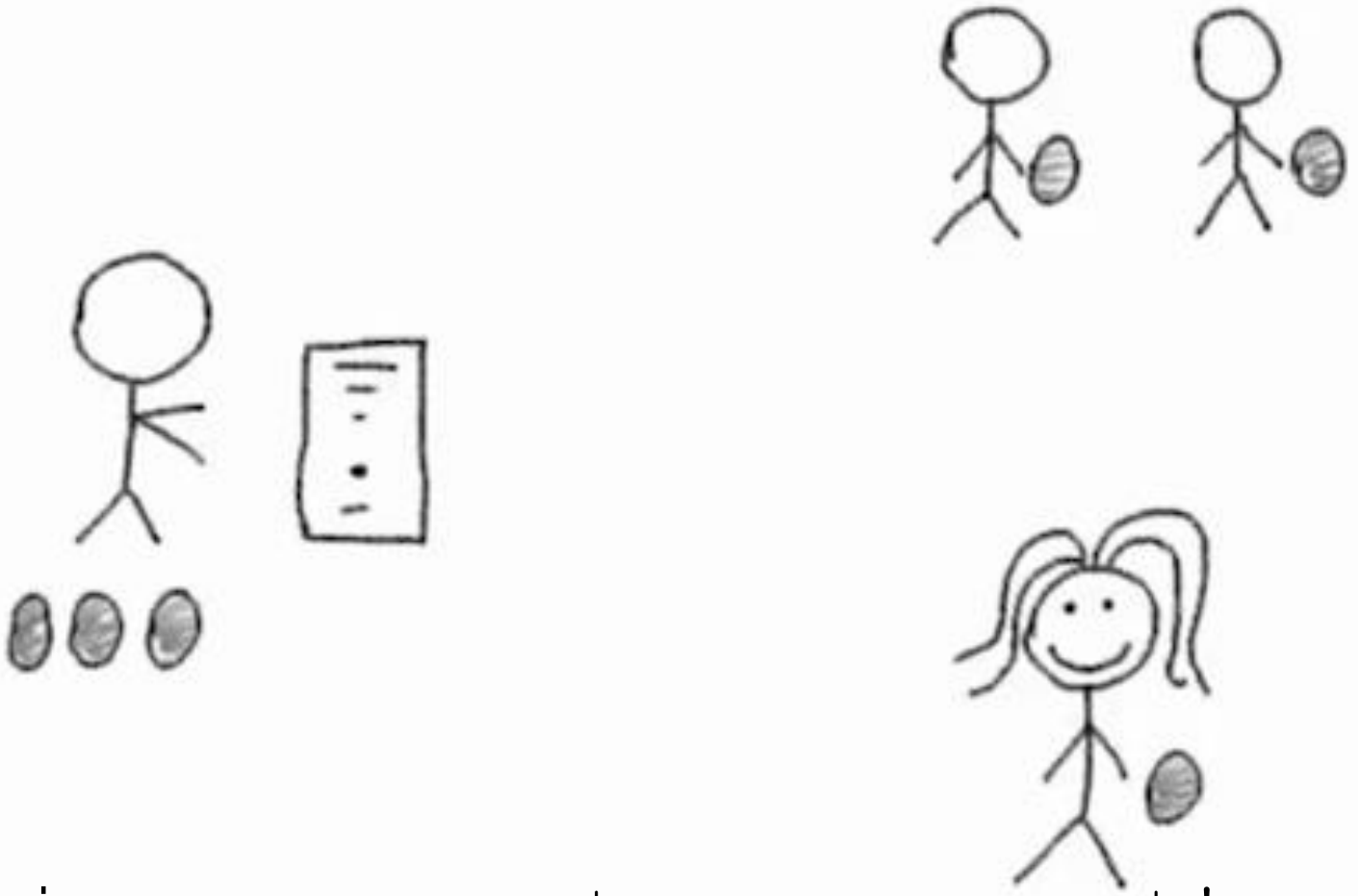

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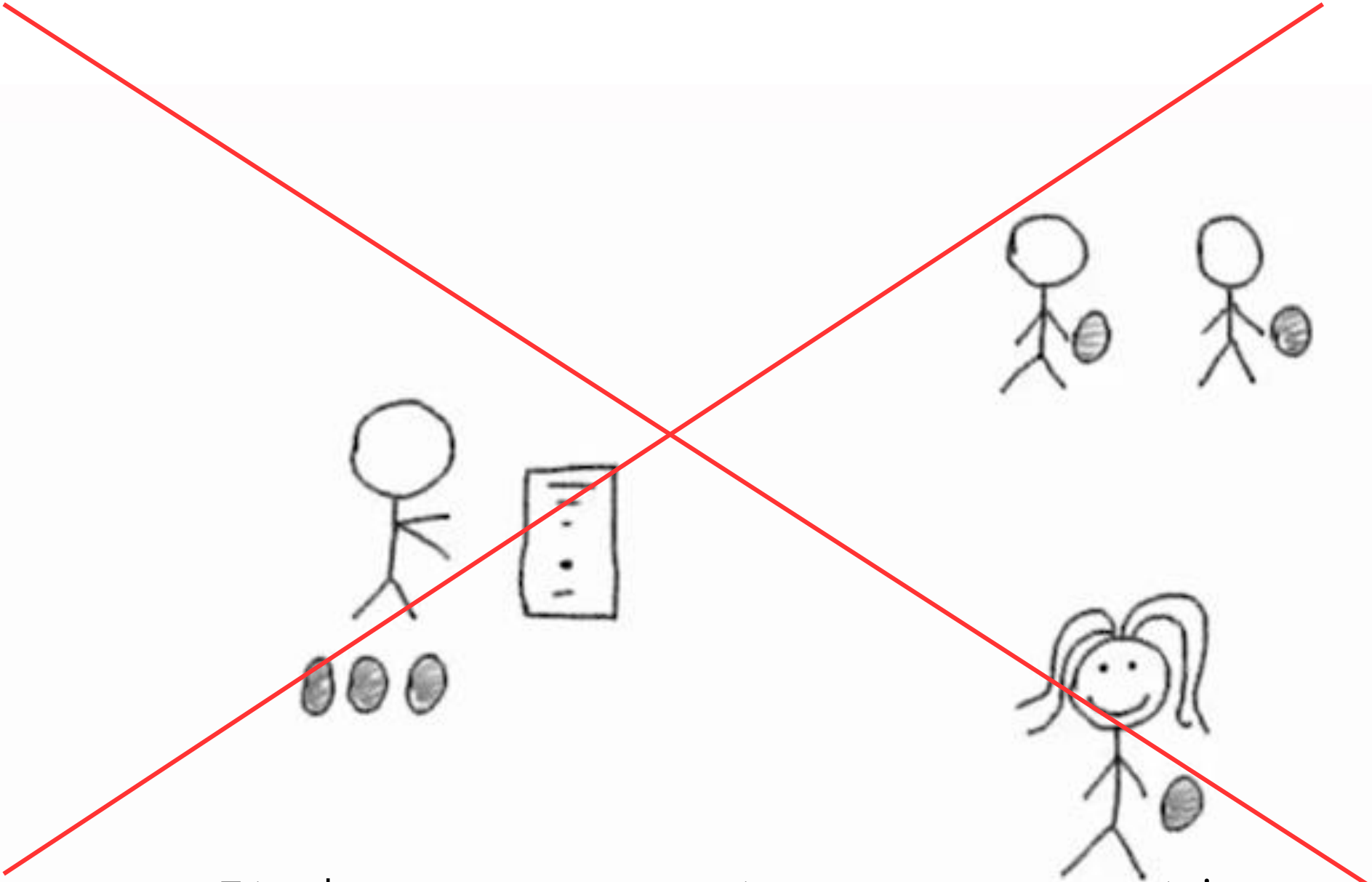

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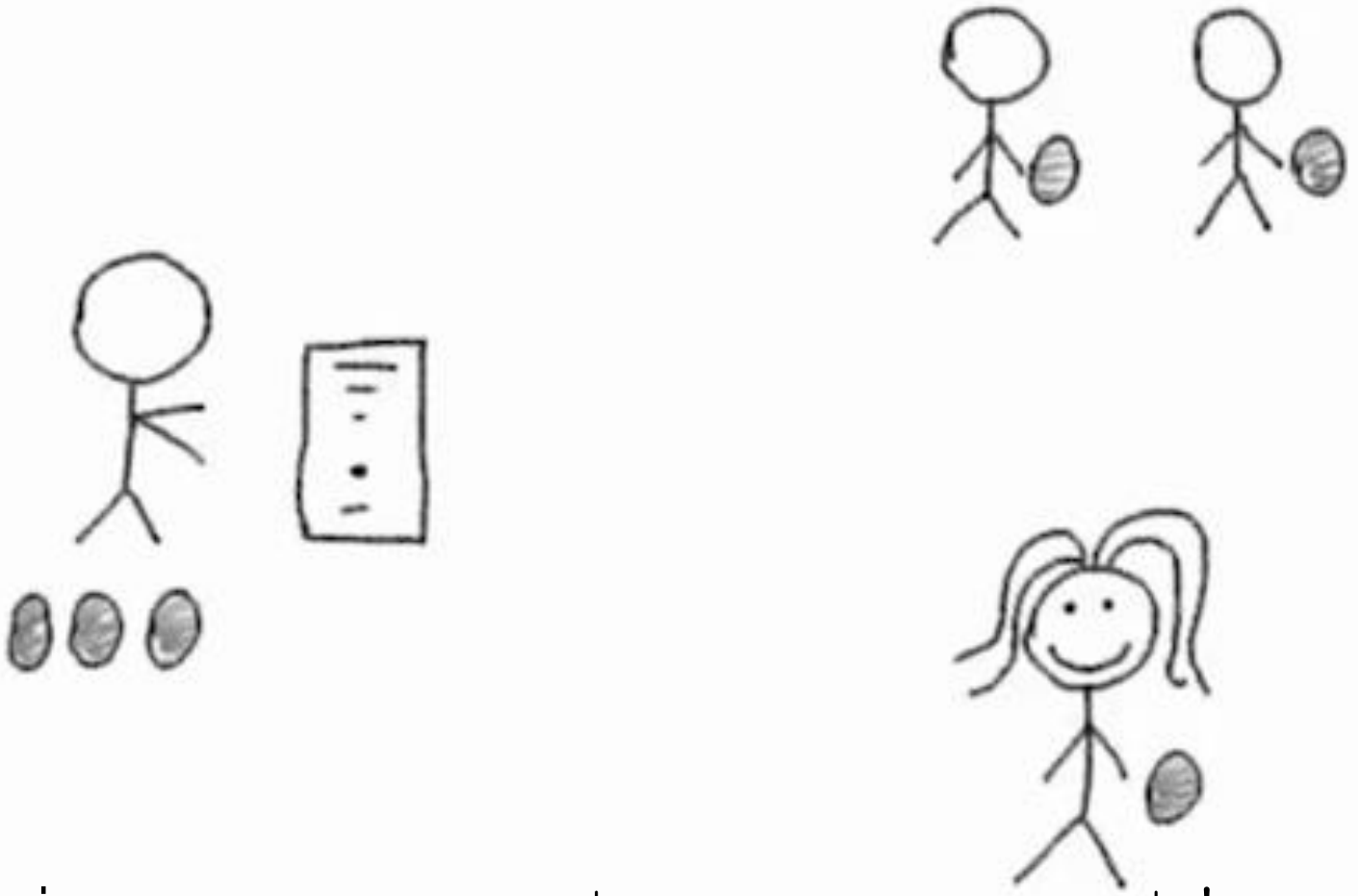

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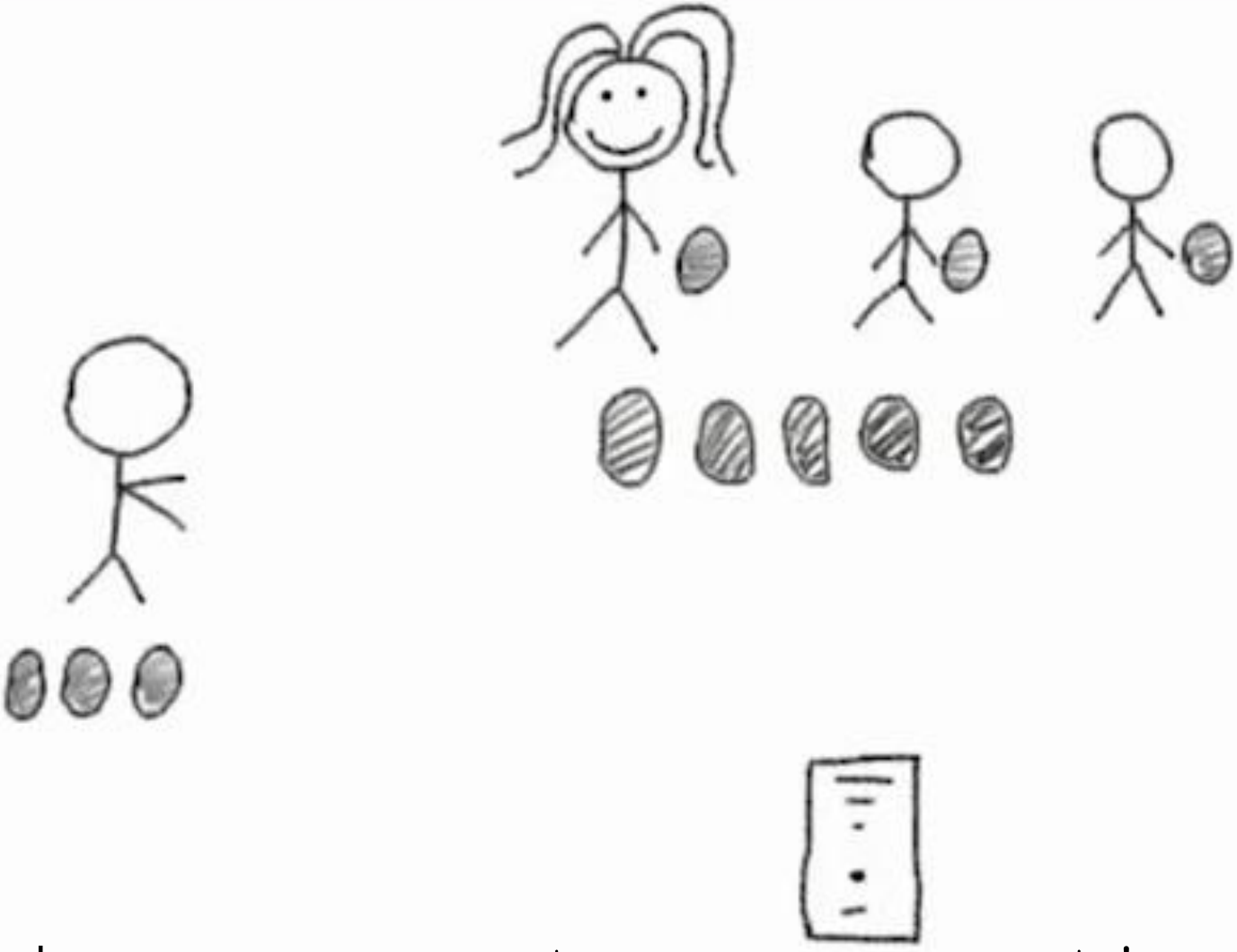

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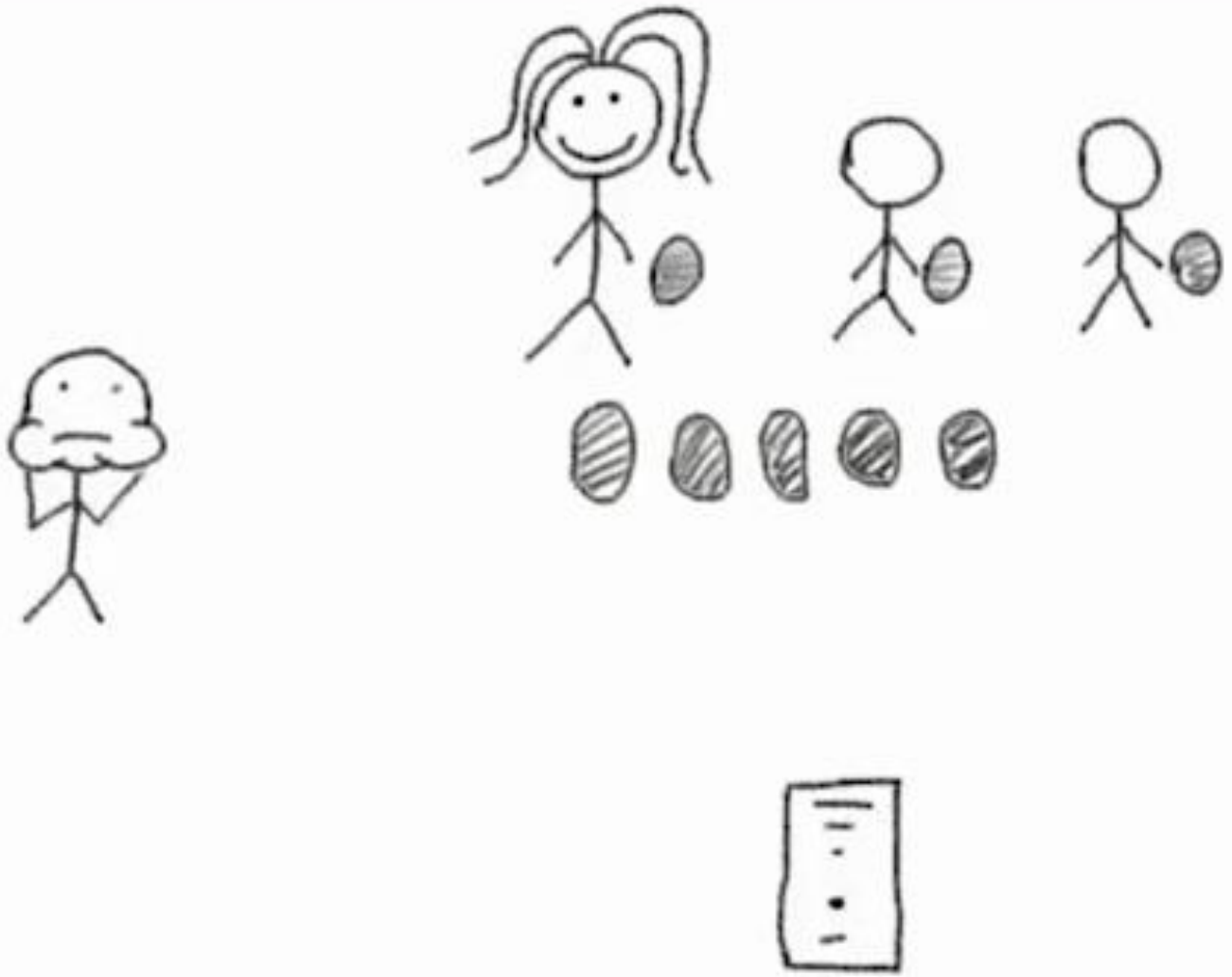

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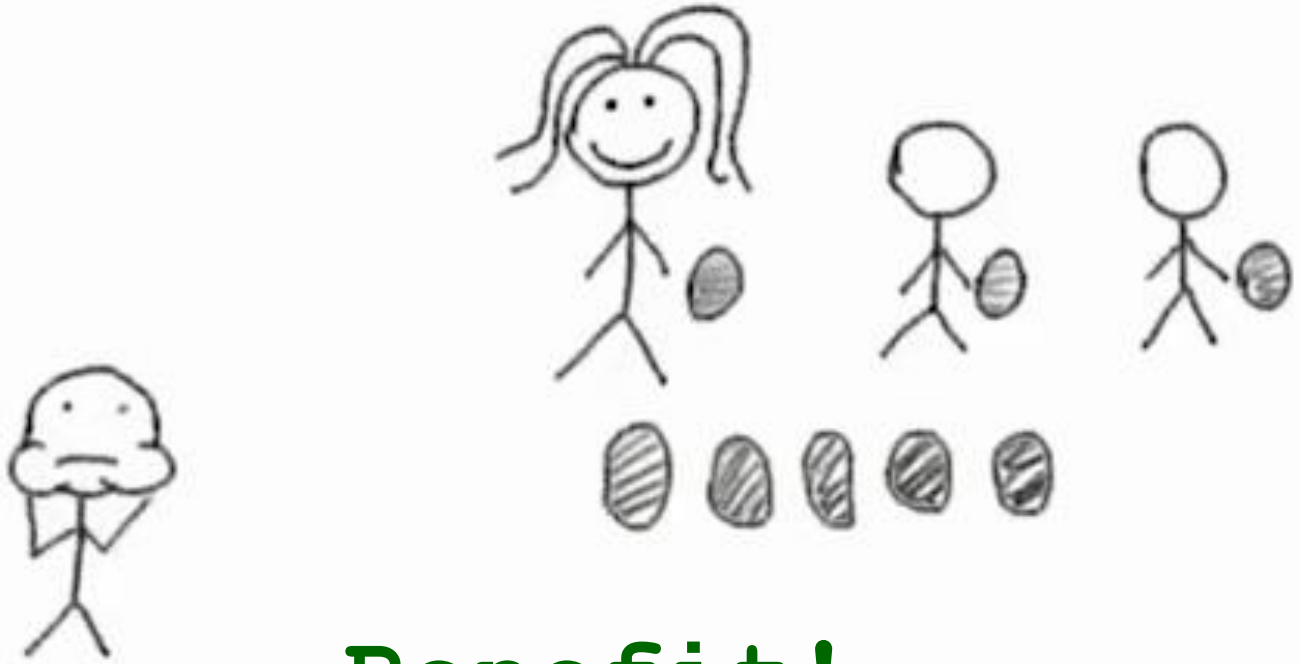
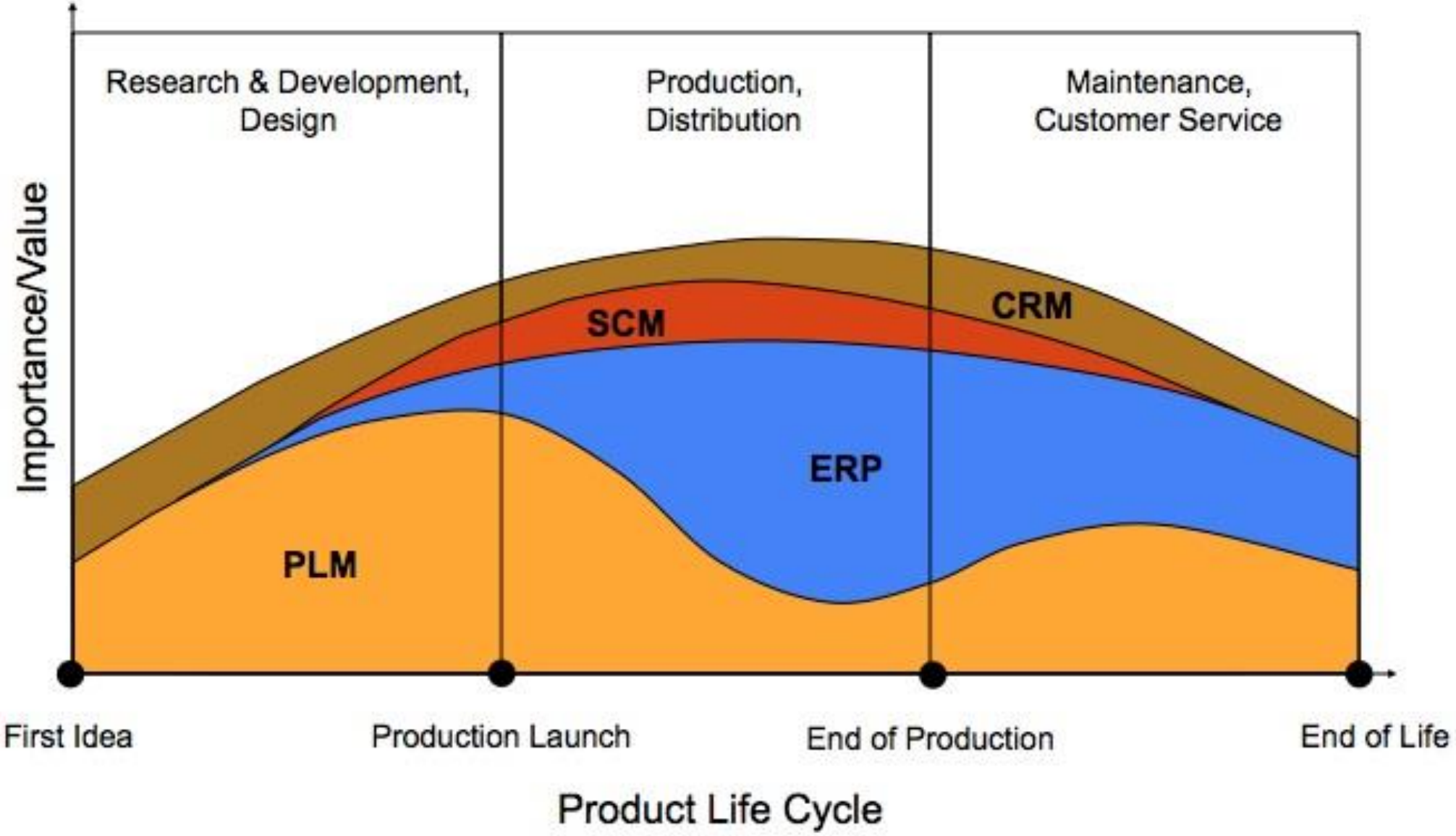
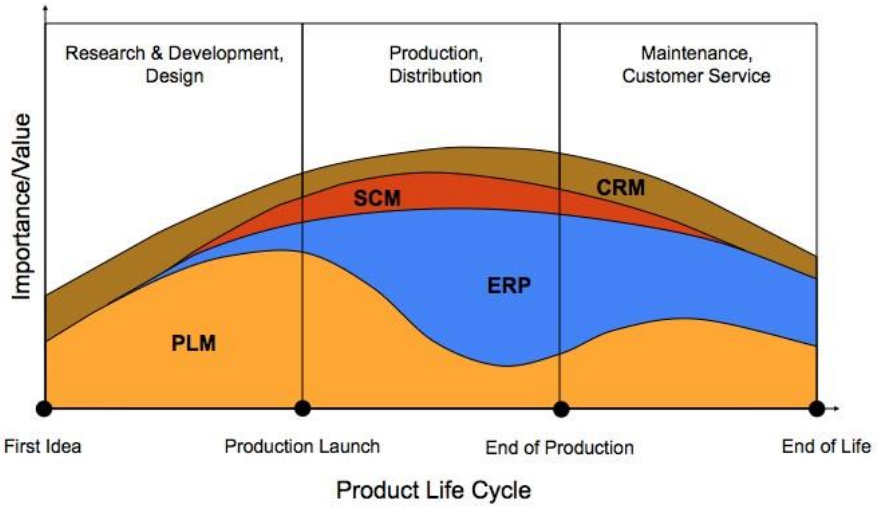


Benefit!

It is necessary to pass report!


Research & Development, Design
Production, Distribution
Maintenance, Customer Service
Importance/Value
SCM
CRM
ERP
PLM
First Idea
Production Launch
End of Production
End of Life
Product Life Cycle



CRM - Customer relationship Management - is an approach to manage a company's interaction wit

SCM - Supply Chain Management - the management of the flow of goods and services, involves the

ERP - Enterprise Resource Planning - track business resources—cash, raw materials, production ca

PLM - Product Lifecycle Management - is the process of managing the entire lifecycle of a product

CRM vendors and software, examples

Opensource

https://en.wikipedia.org/wiki/Comparison_of_CRM_systems, https://bitnami.com/stacks/crm

ERP vendors and software, examples

Opensource

https://en.wikipedia.org/wiki/List_of_ERP_software_packages

ECM (enterprise content management)vendors and software, examples

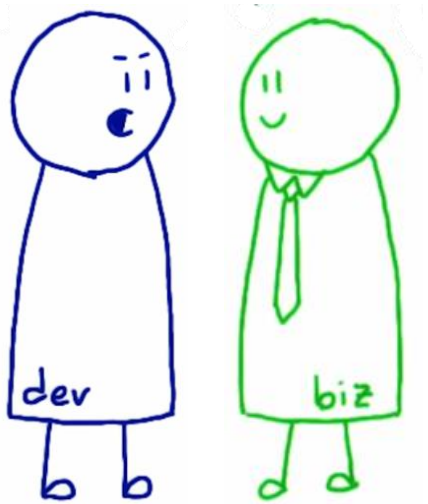
Opensource

PLM vendors and software, examples

Enterprise System Development and Business Process Development

Technical expert:

- Knows the technical possibilities of implementation;
- Offers implementation options;
- Tells advantages and disadvantages.



Business processes expert:

- Knows business outcomes;
- Offers business implementation options;
- Selects from the options offered by Developer.

End user / Employee:

- Knows all the details of the business process execution;
- Accepts or rejects developer's work.

Product configurator Software in PLM

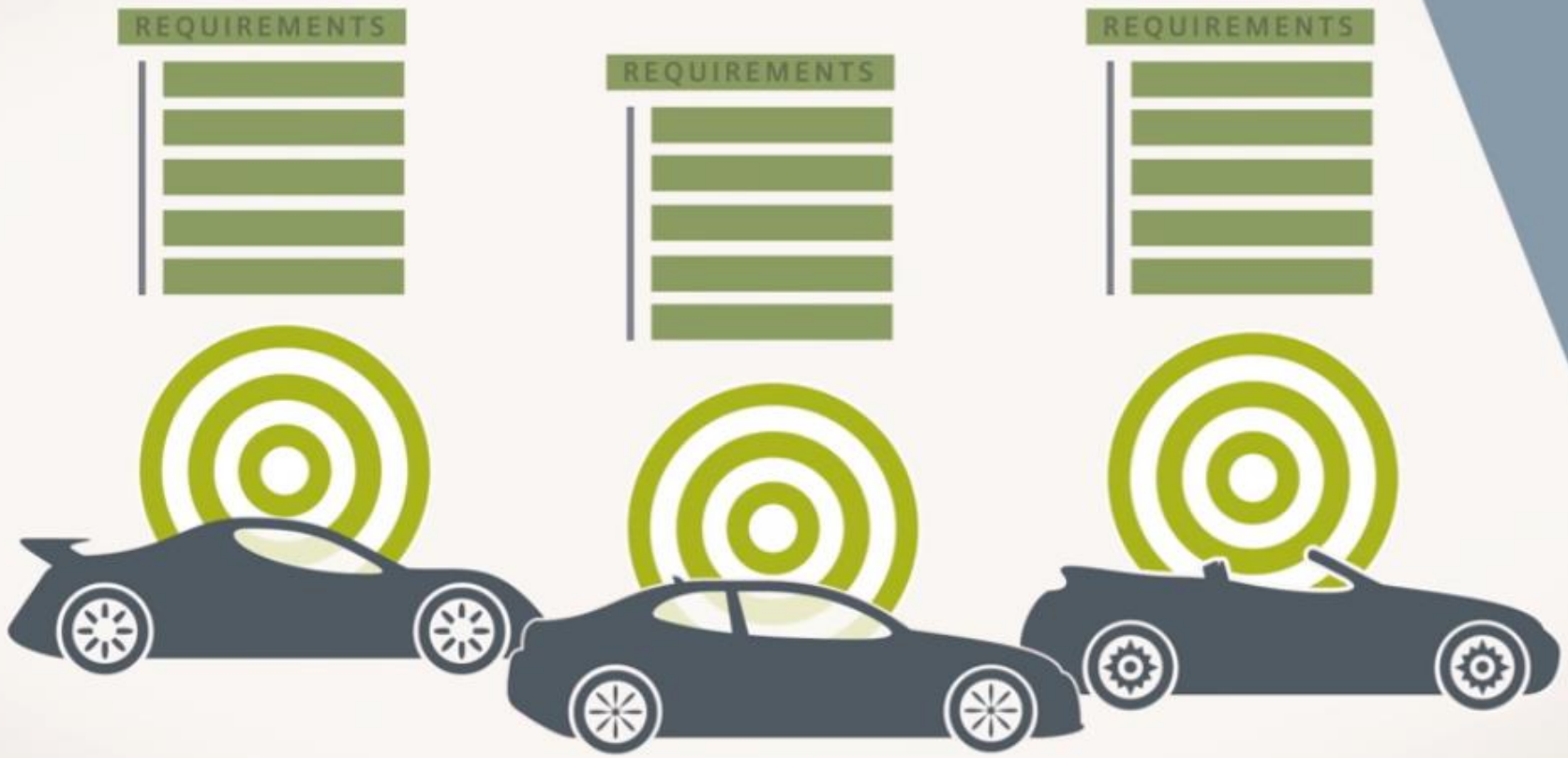
Product Managers

Offer features to meet demand

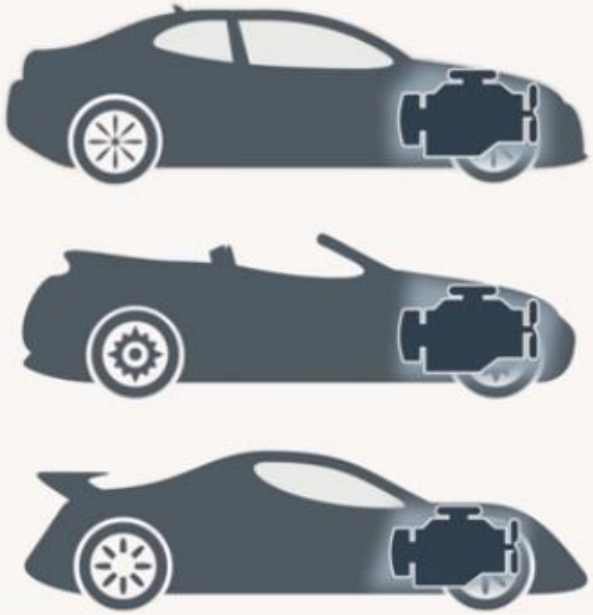
Program Managers

Define and track targets

Systems Engineering

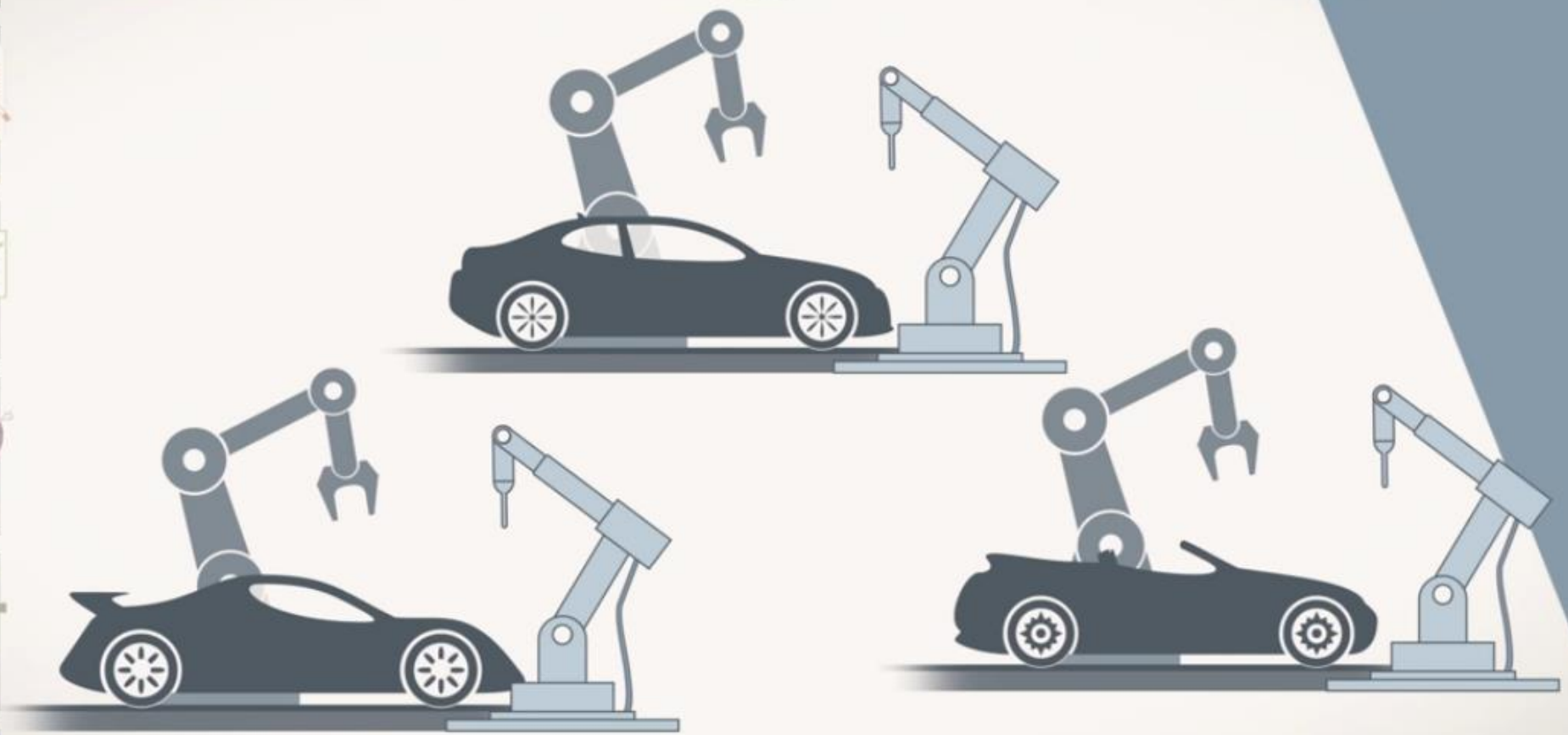


Engineers



Multi-configuration design

Manufacturing Planners



Manufacturing & design consistency

Technical Documentation

Automatically generate documents

CUSTOMERS