

## SIMULTRAIN® SCENARIOS



<i>Scenario*</i>	<i>Duration***, hours</i>	<i>Languages</i>
<b>e-com</b> , IT project	4 - 10	EN, CN, DE, ES, FR, IT, RU, . . . 22 languages
<b>portfolio**</b> , Strategic Management Simulation	2 - 5	EN, DE, ES, FR, RU
<b>marketing</b> , Marketing Project	4 - 10	EN, CN, DE, FR, RU
<b>event</b> , Sport Event Project	4 - 10	EN, CN, DE, FR, RU
<b>product</b> , Product development project	4 - 10	EN, CN, DE, ES, FR, RU, VN
<b>reorg</b> , Company Reorganization Project	4 - 10	EN, CN, DE, FR, IT, NL, PT, RU
<b>reorgHR</b> , Company HR Reorganization Project	2 - 4	EN
<b>oilandgas</b> , Refinery Refitting Preparation	4 - 10	EN, CN, ES, FR, PL, RU
<b>productmove</b> , Production Move	4 - 10	EN, FR
<b>agilehybrid</b> , Agile Hybrid Software Development	4 - 8	EN, CN, DE, ES, FR, IT, RU, . . . 15 languages
<b>agile</b> , Agile Software Development	3 - 6	EN, RU
<b>risk</b> , Risk Management Simulation	2 - 4	EN

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\*\*\* The computer time does not include time of introduction, theory, discussion, evaluation . . . Time of the training course is larger.

## IT project

Scenario name: **e-com**

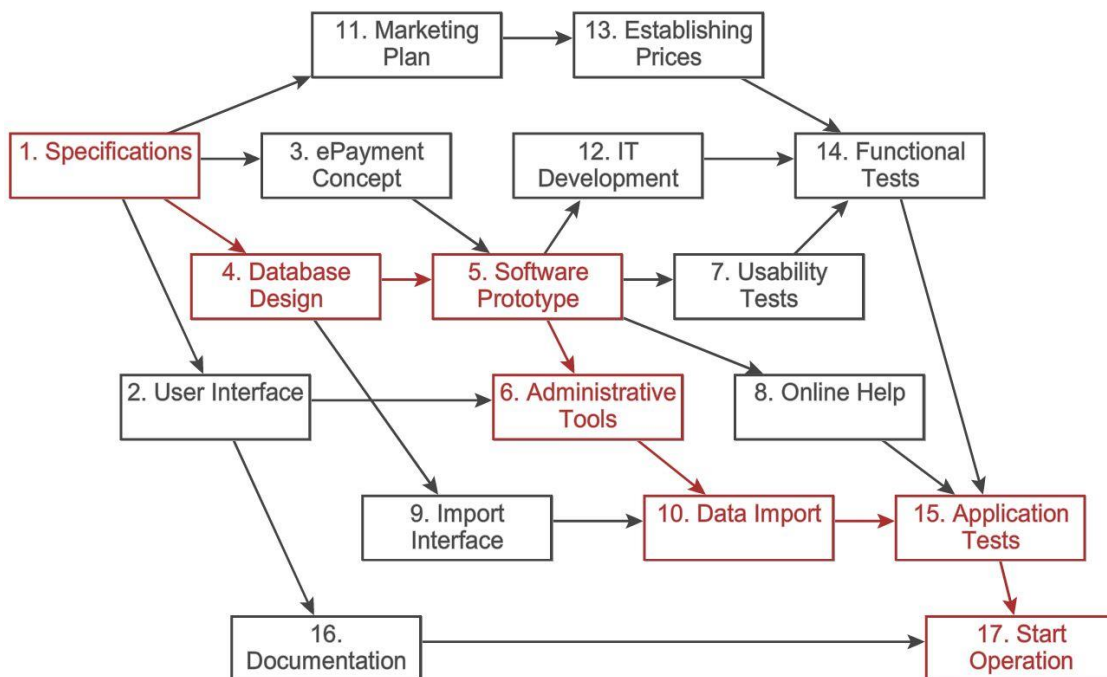
### Project description

In accordance with the marketing strategy defined at the beginning of the year, the management wishes to provide its customers with an on-line interactive service. This will allow customers to follow-up and control orders without the intervention of either the customer service or accounting departments.



For this project a tentative schedule has been written with the list of activities, budget and time required. The core-team has been established.

### Project activities



### Skills

In this scenario the required Skills are following:

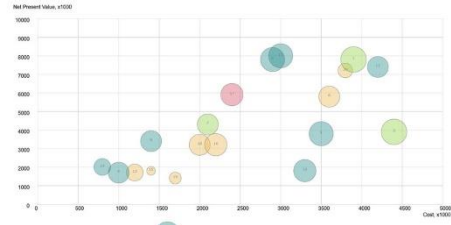
- Web Design
- Database
- Programming
- Business
- Sales + Marketing

## Strategic Management Simulation

Scenario name: **portfolio**

### Portfolio description

You manage a five-year portfolio of projects. Your main objectives are: 1) to choose the projects; 2) to obtain at least: Strategic Value - 80 points; 3) to complete the five-year program with a positive cash balance (at least 20 million); 4) to obtain an expected NPV of 50 million; and 5) to make the program profitable in 3 years. You can obtain credit up to 10 million. You don't always need to keep the teams busy on your projects, so they can work on other projects within the company.



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### Portfolio Dashboard

Strategic Objectives:	Strategic Value			
	Market Share Expansion	Profitability	Customer Retention	New Technology Readiness
Target	25	15	20	20
Completed	6	4	4	10
In Process	23	16	14	15

30% Completed	
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	Actual	Expected at completion	Portfolio (5 years)
Projects	10	13	
Strategic Value	24	92	80
Cash Balance, x1000	-10900	16200	20000
Net Present Value, x1000	16000	56200	50000
Credit, x1000	-12700	-12700	-10000
Payback Period, months		37	36
Aggregate Performance Index		95.25%	100%

Capacity, man-years	Core Business	Information Technology	Sales and Marketing
Available	130	130	80
Completed	36	31	20
In Process	33	77	19

### Strategic Objectives

- Market Share Expansion: Annual Growth Rate 5%
- Profitability: Annual Growth Rate 4%
- Customer Retention: Annual Growth Rate 8%
- New Technology Readiness: Part of services 75%

## Marketing project

Scenario name: **Marketing**

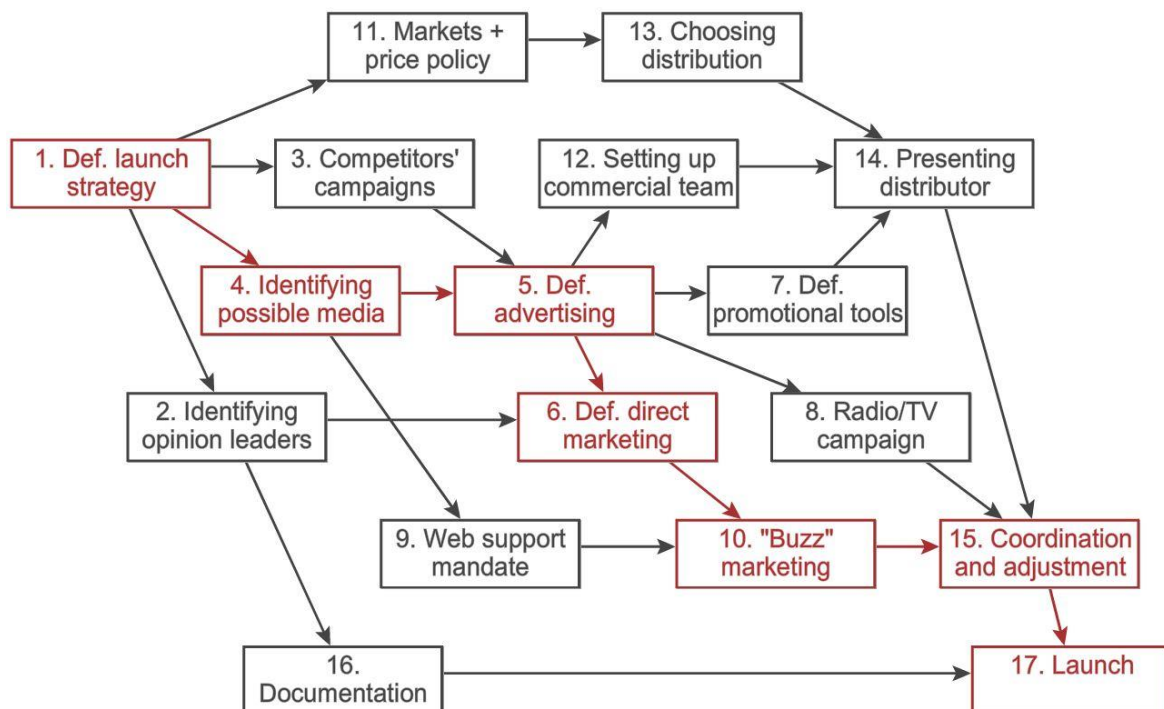
### Project description

Your company has devised a new all-in-one Smartphone. This high performance appliance includes many innovative features, which makes it very attractive for listeners on the go and consumers who enjoy new technologies. The product conception is almost finished and its launch on the market must now be prepared.

For this project tentative specifications have been written with the list of activities, budget and time required. The core-team has been established.



### Project activities



### Qualifications

In this scenario the required Skills are following:

- Marketing
- Sales
- Public relations
- Advertisement
- Audiovisual arts

## Sport event project

### Scenario name: event

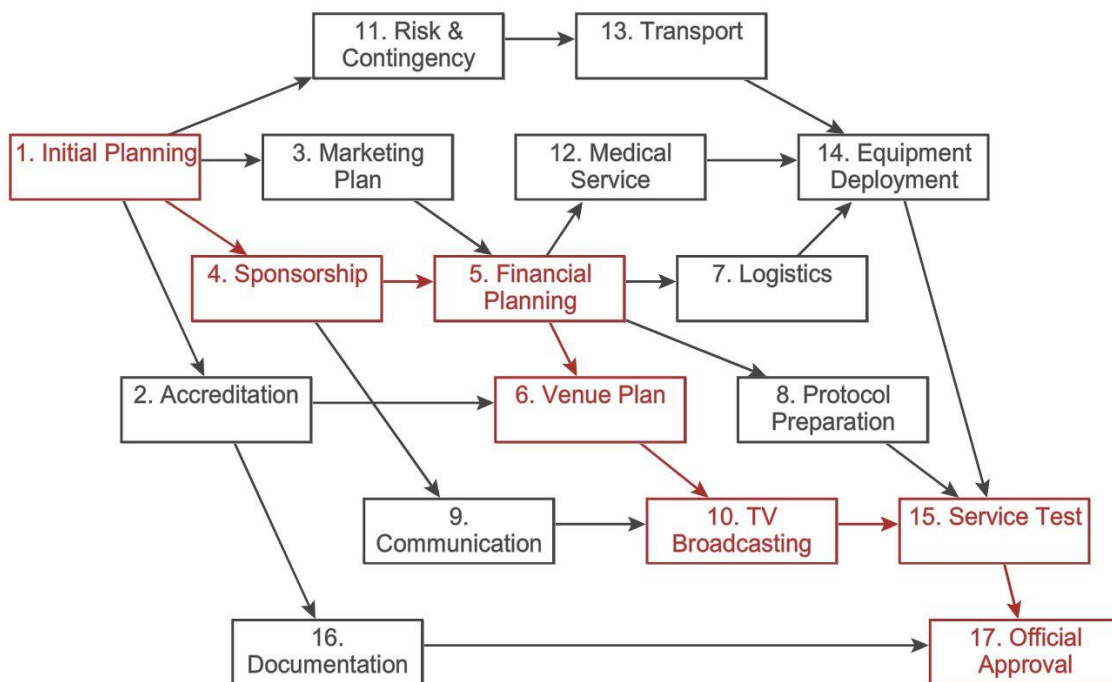
#### Project description

The International Lausanne Football Tournament will gather some of the most important European youth football clubs. The National Federation is organizing the event for the first time. An organization specialized in sport events allocates all its resources to the event.

The project "ILFT phase B" is a part of the preparation process. The preparation must be finished 2 weeks before the opening day. The core team and budget have been established. Other resources of the Federation are available for the project.



#### Project activities



#### Qualifications

In this scenario the required Skills are following:

- Sport
- Venue management
- Finance
- Marketing
- Logistics

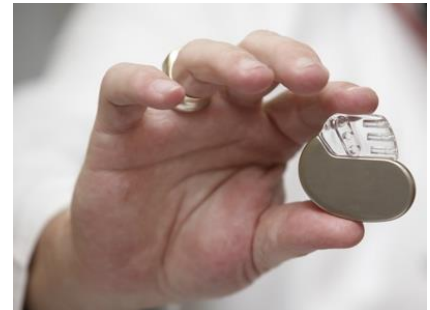
## Product development project

Scenario name: **product**

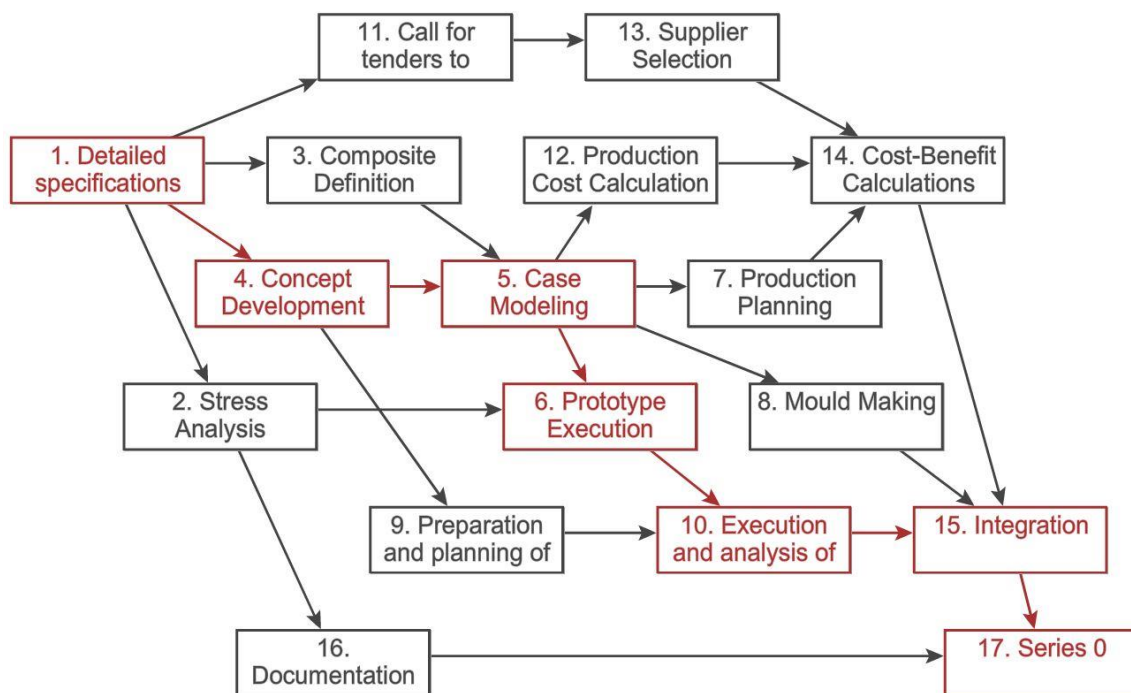
### Project description

Plastoceram is the leading firm in manufacturing special packages made of composite materials. One of its clients that produces pacemakers cannot find any appropriate solution for the case of its latest ultra-miniature model.

A case thus needs to be developed for this client within a very short time. It should be made of a resistant, very thin and easy-to-fashion material.



### Project activities



### Qualifications

In this scenario the required Skills are following:

- Engineering
- Tests + Analysis
- Production
- Logistics
- Sales + Marketing

## Company Reorganization project

Scenario name: reorg

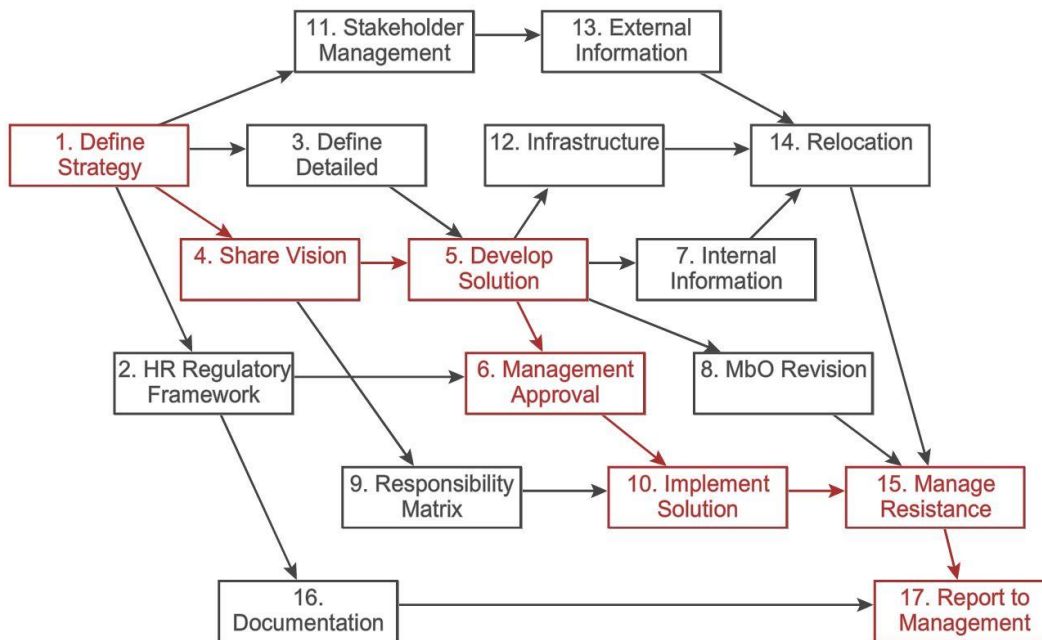
### Project description

In line with the new company strategy, defined at the beginning of the year, the top management decided to redesign the company's organization in order to address new market challenges. Measures will enhance the capacity to answer faster and better customer's expectations and will enhance the efficiency of the global network of partners.

A tentative schedule has been defined, with a list of activities. The budget for the reorganization project and the deadline have been set. The core-team has been assigned.



### Project activities



### Skills

In this scenario the required skills for project execution are following:

- Project Management
- Human Resources
- Operational Management
- Communication + PR
- Contract Management

## Company Reorganization project HR

Scenario name: **reorghr** (The simulation is short and concentrates on HR decisions.)

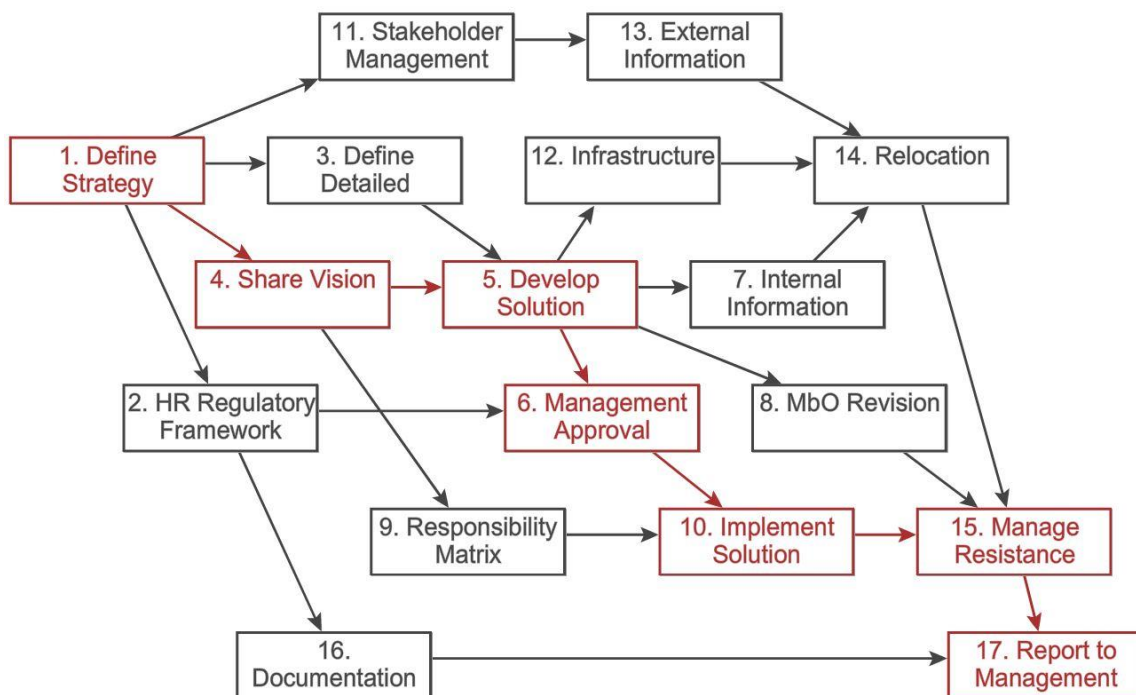
### Project description

In line with the new company strategy, defined at the beginning of the year, the top management decided to redesign the company's organization in order to address new market challenges. Measures will enhance the capacity to answer faster and better customer's expectations and will enhance the efficiency of the global network of partners.

A tentative schedule has been defined, with a list of activities. The budget for the reorganization project and the deadline have been set. The core-team has been assigned.



### Project activities



### Skills

In this scenario the required skills for project execution are following:

- Project Management
- Human Resources
- Contract Management
- Operational Management
- Communication + PR



## Refinery Refitting Preparation

Scenario name: **oilandgas**

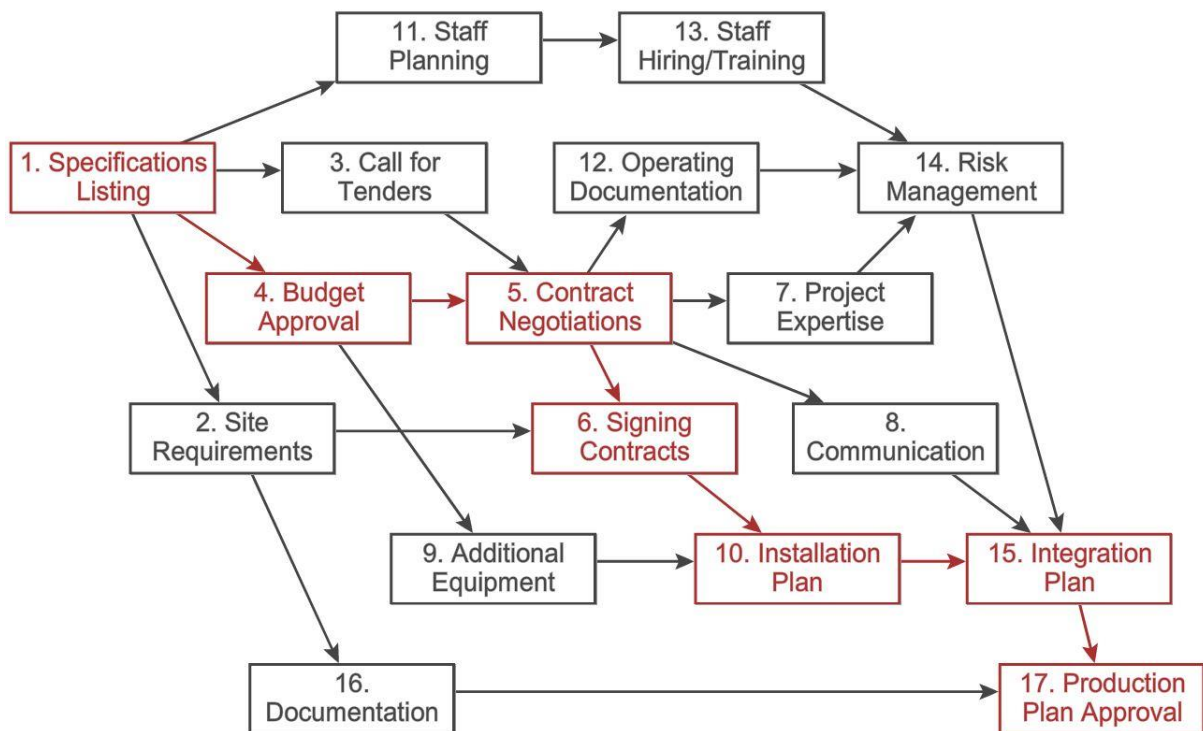
### Project description

Your company owns several refineries. Company management wants to respond rapidly to growing demand on high-quality gasoline. Additional equipment must be purchased and installed. A sub-project for planning this new installation has been launched.

For this sub-project a tentative schedule has been written with the list of activities, budget and time required. The core-team has been established.



### Project activities



### Skills

In this scenario the required skills for project execution are following:

- Oil Technology
- Construction
- Finance
- Procurement
- Human Resources

## Production Move

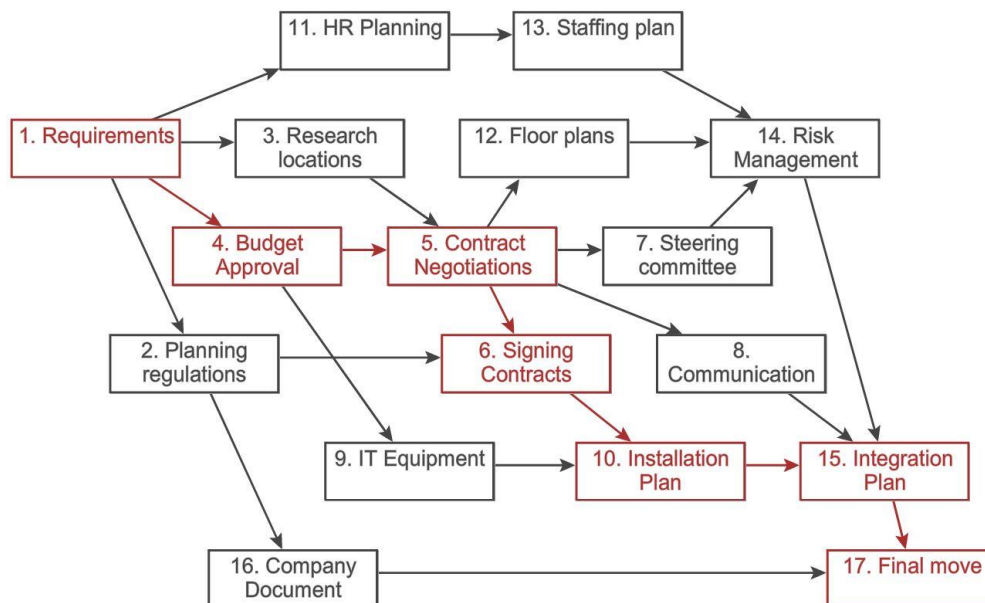
Scenario name: **productmove**

### Project description

Your organization has been growing at a fast pace over the last few years. Recently the managing director announced that the company will merge with a competitor that is roughly the same size and situated in a part of the city about 10 km from your offices. It has been decided to consolidate both organizations into a new building. As part of this move, the IT system will be upgraded, and additional office equipment will be purchased. An initial schedule and budget has been allocated. The core team has been identified and you can have access to other colleagues to assist in the execution of the project.



### Project activities



### Skills

In this scenario the required skills for project execution are following:

- Information Technology
- Facilities
- Finance
- Procurement
- Human Resources

## Agile Hybrid Development

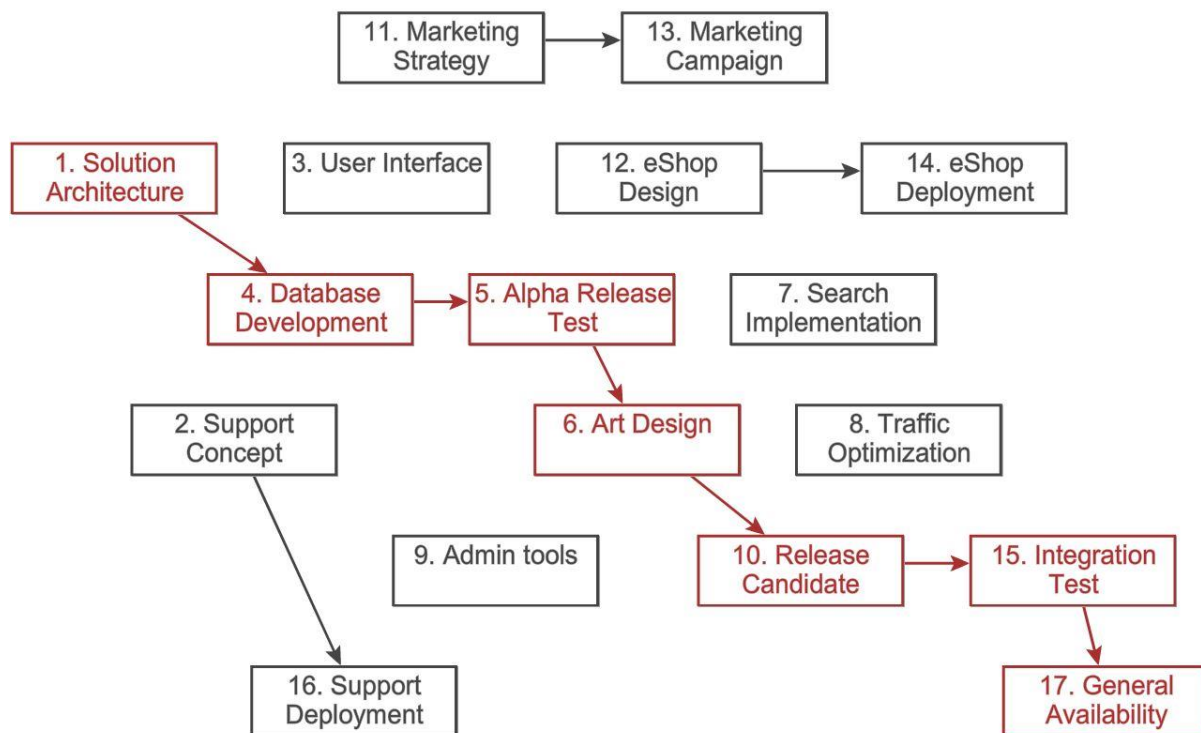
Scenario name: **agilehybrid**

### Project description

In accordance with the marketing strategy defined at the beginning of the year, the management wishes to provide our customers with an online interactive service. This will allow customers to follow-up and control orders without the intervention of either the customer service or accounting departments. The customer representative is the Product owner. List of product backlog tasks, budget and time required have been defined. The core team has been established.



### Project activities



### Skills

In this scenario the required skills for project execution are following:

- Web Design
- Database
- Programming
- Business
- Sales & Marketing

## Agile Software Development

Scenario name: **agile**

### Project description

Management wishes to provide costumers' account managers of major customers with an update of the online interactive services. This will allow to follow-up and control orders without the intervention of either the customer service or the accounting departments. The head of the Customer service department is the Product Owner. The list of Product Backlog items / features and a budget for the first stage have been defined. The project is considered as a success if 300 or more story points are obtained in the given period.



### Product features

	Backlog Features	Story points	Required skills				
			Development	Network	Design	Business	Sales + Marketing
1	Concept design	10	2	1	2	4	2
2	Customers survey analysis	12				2	4
3	Hardware performance update	20	2	5	2		
4	Data backup capacity	24	1	6	3		
5	System capacity	16	3	4	3		
6	Data flow integrity	26	3	6	2		
7	User interface update	60	2		5	2	2
8	Integration accounting data	42	4		2	3	
9	Apps and servers metrics	25	2	5	2		
10	Fool-proof layer	16	3		3	2	1
11	Marketing campaign	22				4	6
12	Reserve services deployment	24	3	5	2		
13	Art design implementation	40	2		2	3	4
14	Response time optimization	20	3	4	1		
15	Search Implementation	12	2	2	3	2	
16	AI-powered Help	16	3		3	2	2
17	Support deployment	15	1		4	3	2
		Total	400				

### Skills

In this scenario the required skills for project execution are following:

- Development
- Network
- Design
- Business
- Sales & Marketing