DEFINE AND ELABORATE REQUIREMENTS: SECRETS FOR ACHIEVING PROJECT SUCCESS

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WHY this topic is a vital question?
WE TALK A LOT ABOUT REQUIREMENTS

Contains about eight thousands articles, deliverables, webinars devoted to the requirements problem.

Only on the Amazon there are thousands of books devoted to the requirements problem.

And we know a lot of tools, methods and templates for working with requirements.
WHAT DOES DEFINE AND ELABORATE REQUIREMENTS MEAN?

According to “The PMI Guide to Business Analysis”:

- Requirement is “a condition or capability that is necessary to be present in a product, service, or result to satisfy a business need”;

- “Define and elaborate requirements is the process of refining and documenting requirements and other types of product information at the appropriate level of detail, format, and level of formality required for various audience”.
Incorrect requirements are the main cause of project failure (ranging between 47% and 70% in recent years).
WHAT COULD WE DO?

We need new thinking, new lines of approach to use standard methods and technics, which will help us to be ahead.
SECRETS FOR ACHIEVING PROJECT SUCCESS
You can never solve a problem on the level on which it was created.

*Albert Einstein*
HOW COULD WE DO THIS?

Know the main trends

Look the best practices

Create a product backlog

Know the main problems

Make a glossary

Write a use case
The customer wanted an information system for collecting and processing material applications.

Best Practice Example

1. The customer wanted an information system for collecting and processing material applications.
2. We used the secret number one.
3. We have developed a needs management information system from their occurrence to the materials write-off.
SECRET NUMBER ONE BENEFITS

- You talk with the customer on the same language.
- You can easily understand the situation.
- You can find the best solution.
Always the beautiful answer who asks a more beautiful question.

Edward E. Cummings
HOW COULD WE DO THIS?

- Use 5 Why & 1 How method
- Ask about goal
- Avoidance of misleading information
- Thinking like in TRIZ
- Use test for mama
- Product backlog
The customer (Ministry of transport) wanted to be able to enter into the system a summary of billboards on the roads.

We used the secret number two.

Added functionality into the system with the ability to enter data about billboards, with automatic check of permission to install and binding to the road and road section.
SECRET NUMBER TWO BENEFITS

- You get necessary information.
- You understand right what really the customer need.
- You formulated the right requirements.
To achieve great things, two things are needed; a plan, and not quite enough time.

*Leonard Bernstein*
HOW COULD WE DO THIS?

- Planning
- Team work
- Quality Management
- Requirements management tool
- Integration management
We created the Government Information System of Fuel and Energy Complex (several thousand users, thousands of functions, thousand and one reports, etc.)

Best Practice Example

1. We created the Government Information System of Fuel and Energy Complex (several thousand users, thousands of functions, thousand and one reports, etc.)

2. We used the secret number three.

3. The requirements were formulated correctly, it was easy to work with changes, later none of these requirements were forgotten during implementation.
SECRET NUMBER THREE BENEFITS

- We know what we are building.
- The transparency of the process.
- The define and elaborate requirements process is managed.
Facts do not cease to exist because they are ignored.

Aldous Huxley
HOW COULD WE DO THIS?

- Ask yourself “Why?”
- Story slicing
- MECE
- User stories
- Story elaboration
- Business rules catalog
We have developed a children's center portal. This center attracts the children from different countries to have relax and develop. Vouchers can be bought or received for free by winning the competition. The mechanisms are different, people which working with it are different, but it was necessary to build a common schema.

We used the secret number four.

The existing scenarios were analyzed. Based on them a single scenario with different extensions was compiled. This optimized the processes and facilitated the further development of the portal.
SECRET NUMBER FOUR BENEFITS

- Requirements are clear & reliable.
- Requirements are consistent.
- Requirements are comprehensive.
To formulate the right requirements is a very complexity task, and there are a lot of information about different methods and tools. But following for these secrets give you the perfect start to achieving project success.
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Thank you

Questions?