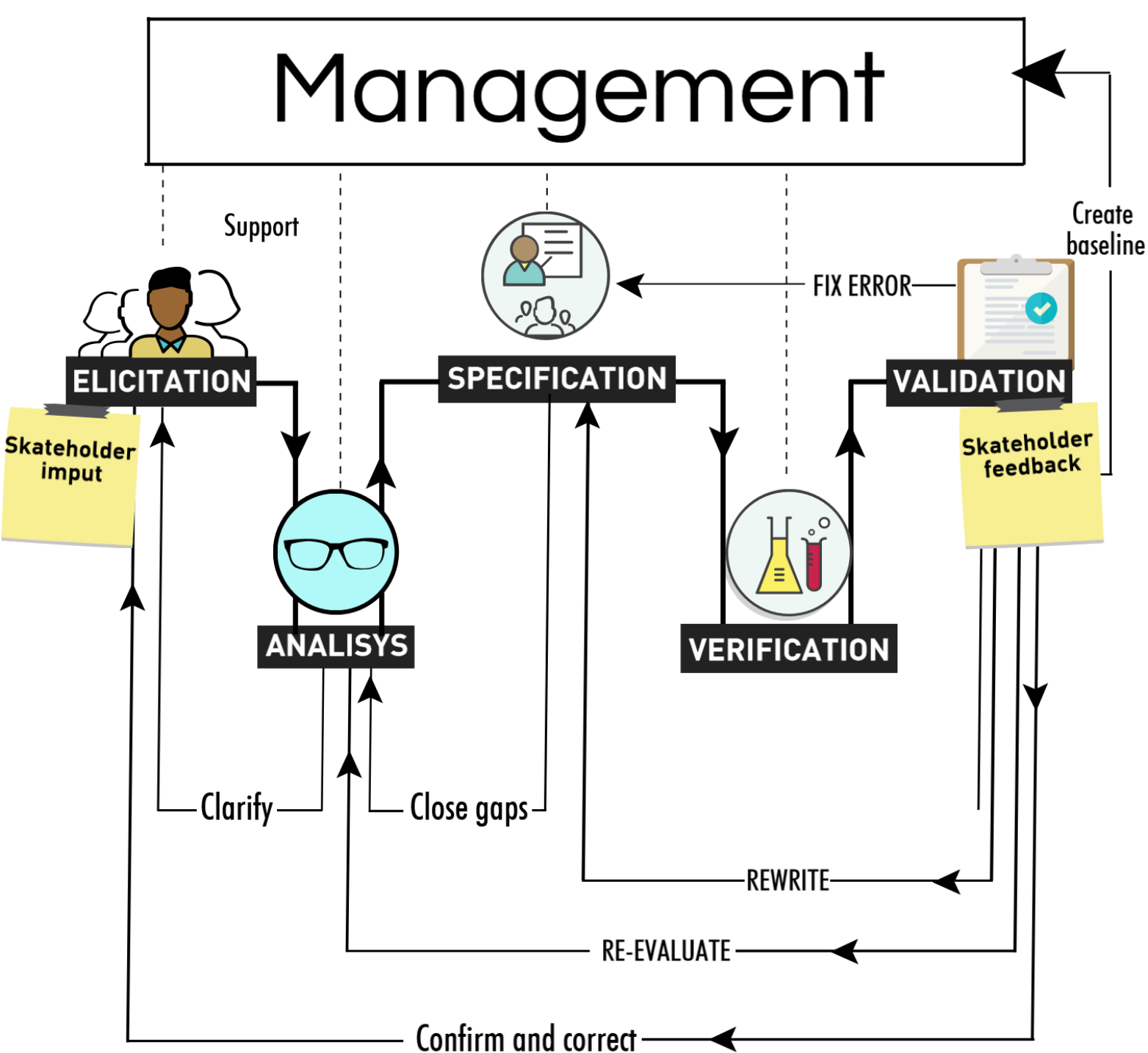


WHEN TO DO WHAT WITH YOUR REQUIREMENTS?

Client (me) Engineer (you)

Requirements Engineering Process



Requirements Engineering Process

ELICITATION



Elicitation gathers and discovers requirements from stakeholders and other sources. Techniques: interviews, workshops, document analysis, prototyping, and others.

ANALYSIS



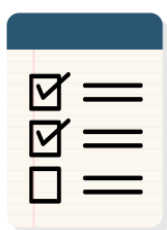
Analysis tries to reach a deeper and more precise understanding of each requirement. Classification and grouping of requirements.

SPECIFICATION



Specification involves representing and storing the collected knowledge about requirements in a persistent and well-organized fashion that facilitates effective communication and change management.

VERIFICATION



Verification assures that the specified requirements are free from internal errors. Types:

- Formal errors appear when different requirements are contradictory, that is, they cannot be simultaneously satisfied.
- Semi-formal errors: are some defects of correctness that are not strictly logic or formal. For example, grammar or vocabulary errors.

VALIDATION



Validation assures that the specified requirements properly express stakeholders needs. It is done before the requirements specification is delivered to the development group. The direct involvement of stakeholders is crucial to Requirements Validation.

Are you able to manage your requirements?