Specification silent on a boundary input — the three ways of doing it

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Fictional document

> **Fictional document — demonstration example**
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> **Fictional document**, produced for the demonstration. The organisation, the files, the people and the figures are invented. **None of the ways of doing it was applied before the client chose.**

Tests are written from the specification, never from the behaviour of the code. The basket specification is silent on a quantity of zero: that is the point whose answer had not yet been defined.

The ways of doing it, put to the client

Way of doing it	What it brings	What it costs	Outcome
Write the test on what the code does	Coverage rises today	A behaviour no one decided becomes the rule	Set aside by quality

Way of doing it	What it brings	What it costs	Outcome
Write no test on that case	Nothing false is frozen	A silent gap no one will see	Set aside by quality
Pending test, question put, due date	**The gap is visible and closes with an answer**	A list to keep and a deadline to meet	**Recommended, then approved**

How often the case arises

Cases in the specification	Written and green	Silent on a boundary input
214	**213**	**19**
Of which zero inputs	—	7

The figure is what turns a one-off decision into a rule: **19 silent cases out of 214** are worth an entry in the knowledge base, and quality decides it knowing the volume.

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> https://bluelemonagent.ai/en/entreprises/cas-usage/agent-ia-tests-qualite-logicielle

Scope of this document: the service operated by Blue Lemon Agent. For an agent deployed at your premises, the applicable location is that of the architecture set out in the quotation and verified before commissioning; local execution is announced only for the configuration explicitly described and accepted in the quotation; the applicable isolation depends on the deployment mode set out in the quotation, no dedicated isolation being presumed; the encryption mechanisms in transit and at rest, their components and key management are those documented for the architecture chosen; roles and permissions are configured and accepted for the identities and systems actually connected; the events logged, their content, their retention period and who may access them are defined for the deployment chosen.

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