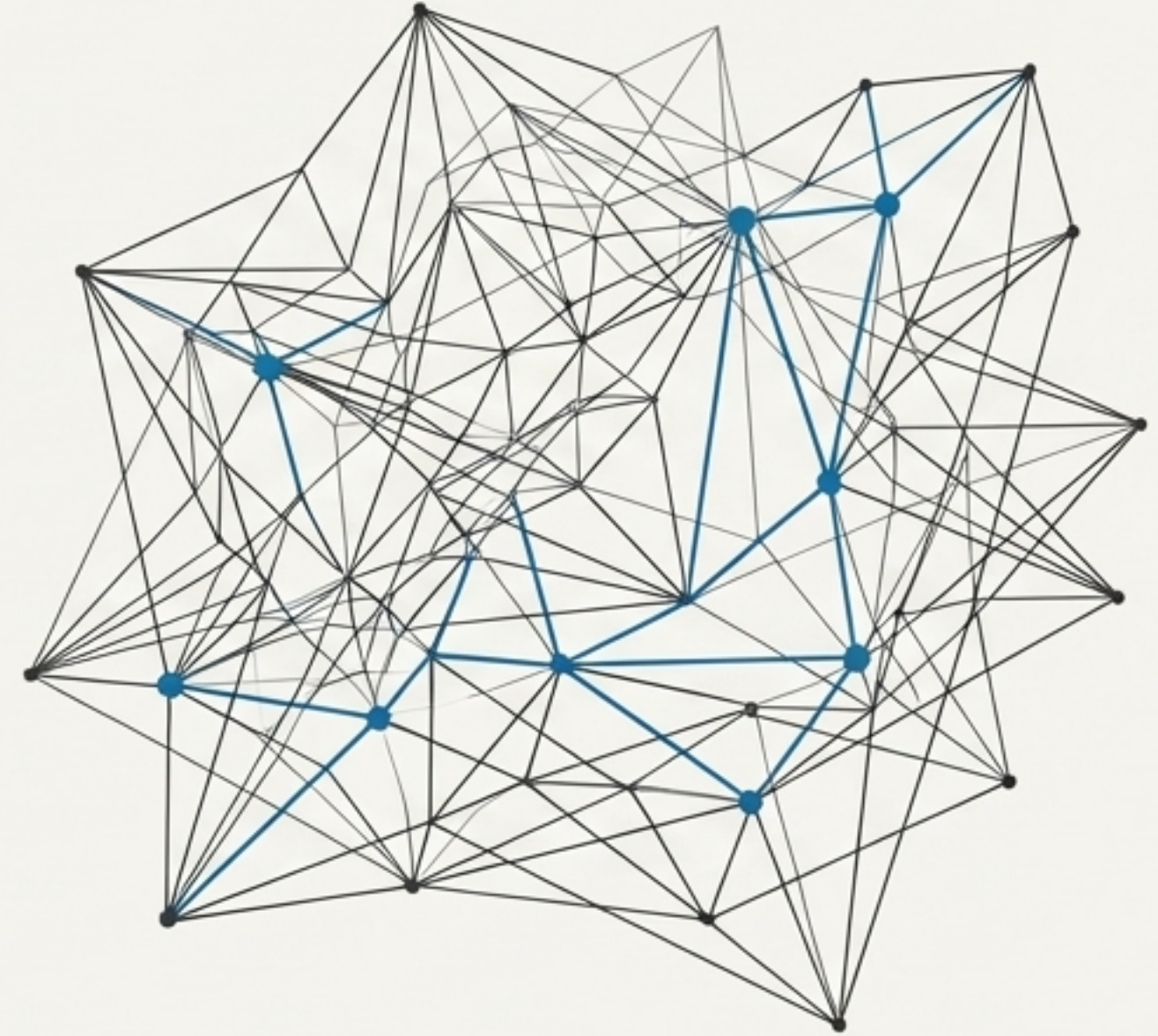
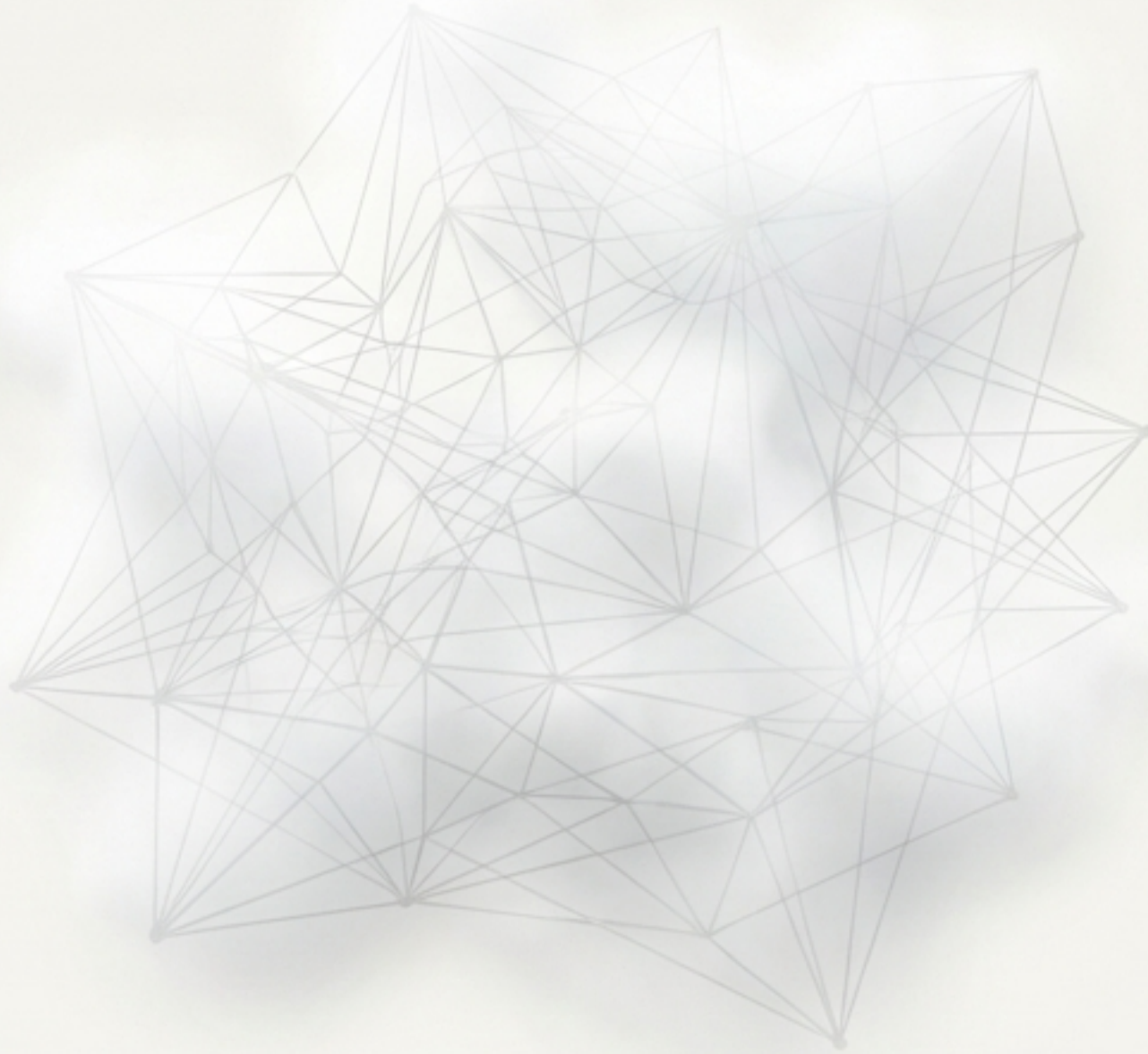


Mastering the Requirements Landscape

From Unruly Complexity to Actionable Clarity with Attributes & Views

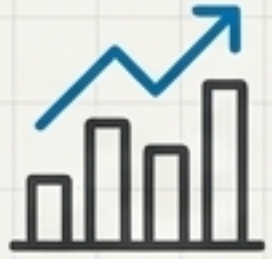


The Only Constant is Change

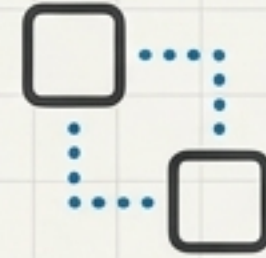
“Even if all requirements were well-structured, agreed upon, and approved at the beginning of the project, they will change before the project ends—and always at the most unfavorable times.”

- Managing requirements isn't a one-time task; it's a continuous process over the entire system lifecycle.
- Without a systematic approach, teams are forced into uncontrolled “fire-fighting.”
- The core challenge: How do we maintain control and provide clear answers amidst constant change?

Every day, we are asked...



Which requirements are already **approved**?



What is the implementation status of **last, and why**?



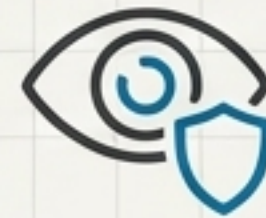
Which test cases belong to **this requirement**?



Which requirements are candidates for the **next release**?



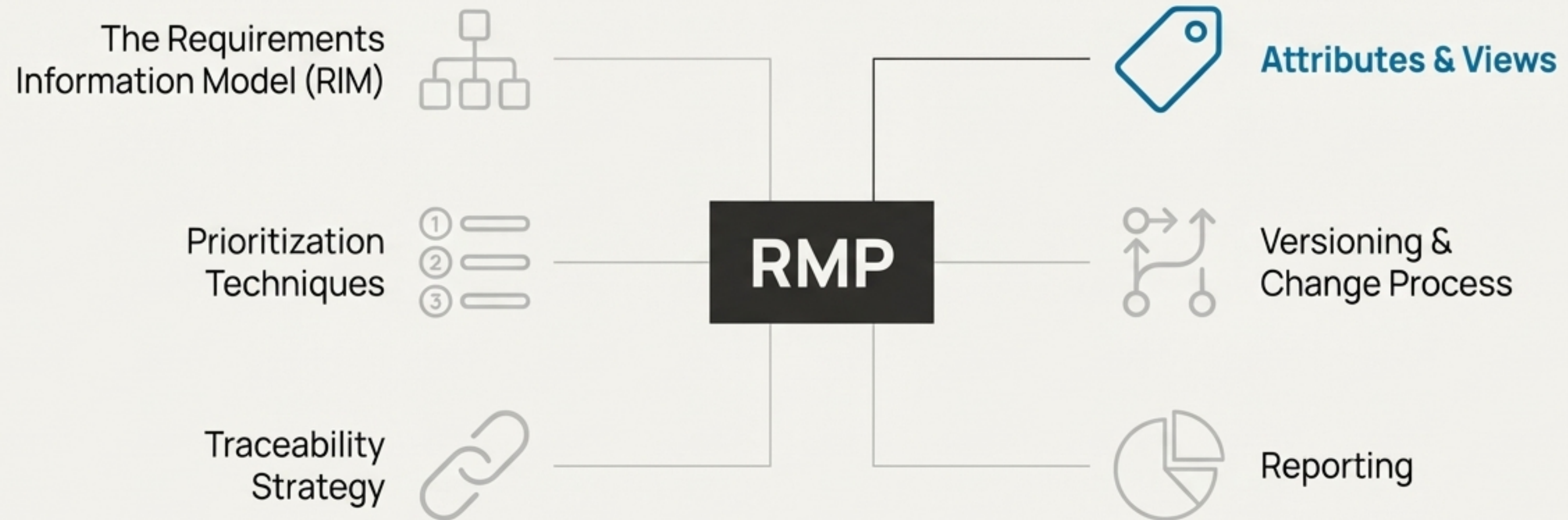
What is the implementation status of **all high-priority features**?



Show me only the requirements relevant to the **security team**.

The Foundation of Control: The Requirements Management Plan (RMP)

The RMP is the master plan that defines *how* the entire Requirements Engineering process will be managed.

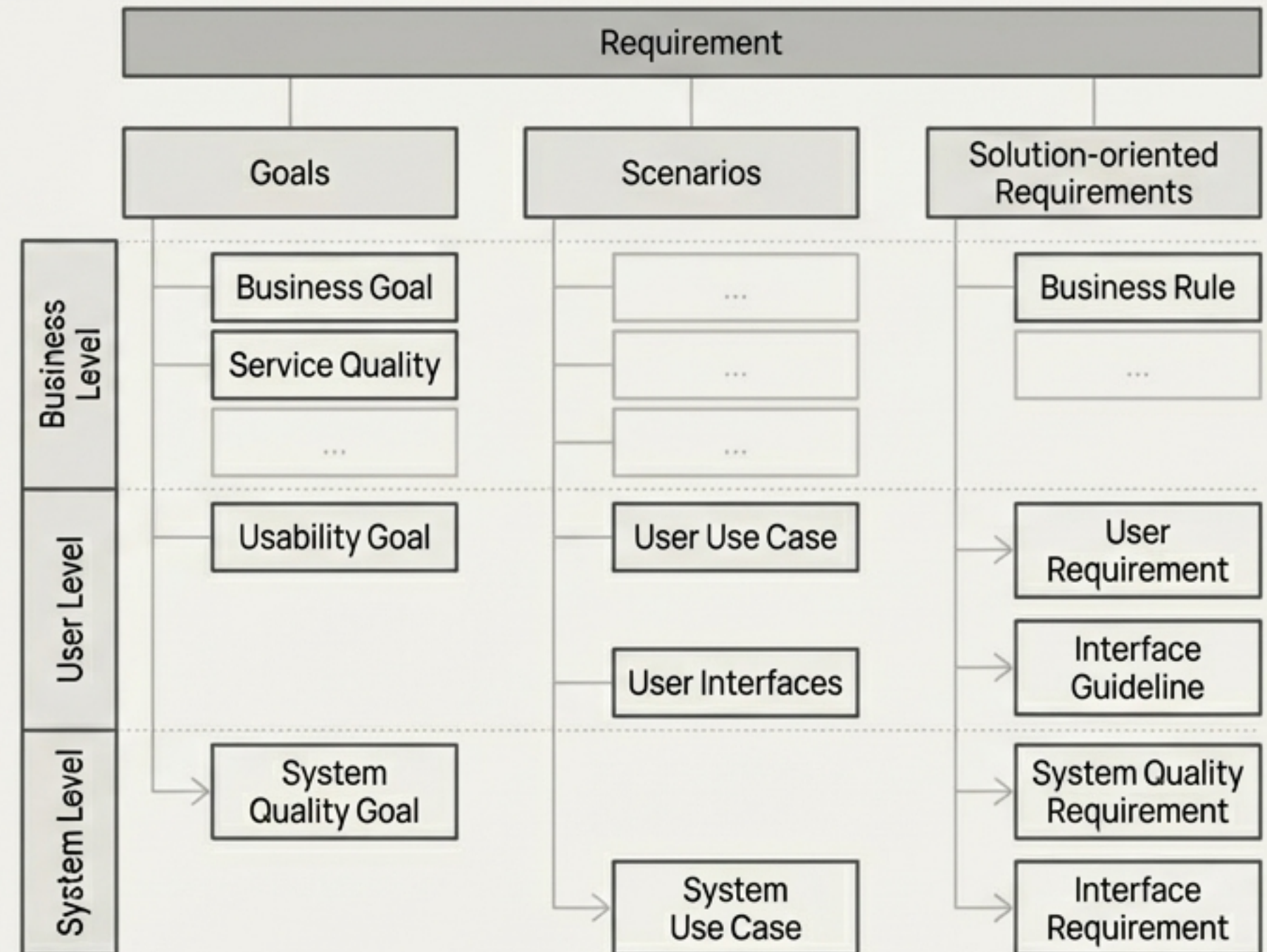


A successful RM process is not accidental; it is planned.

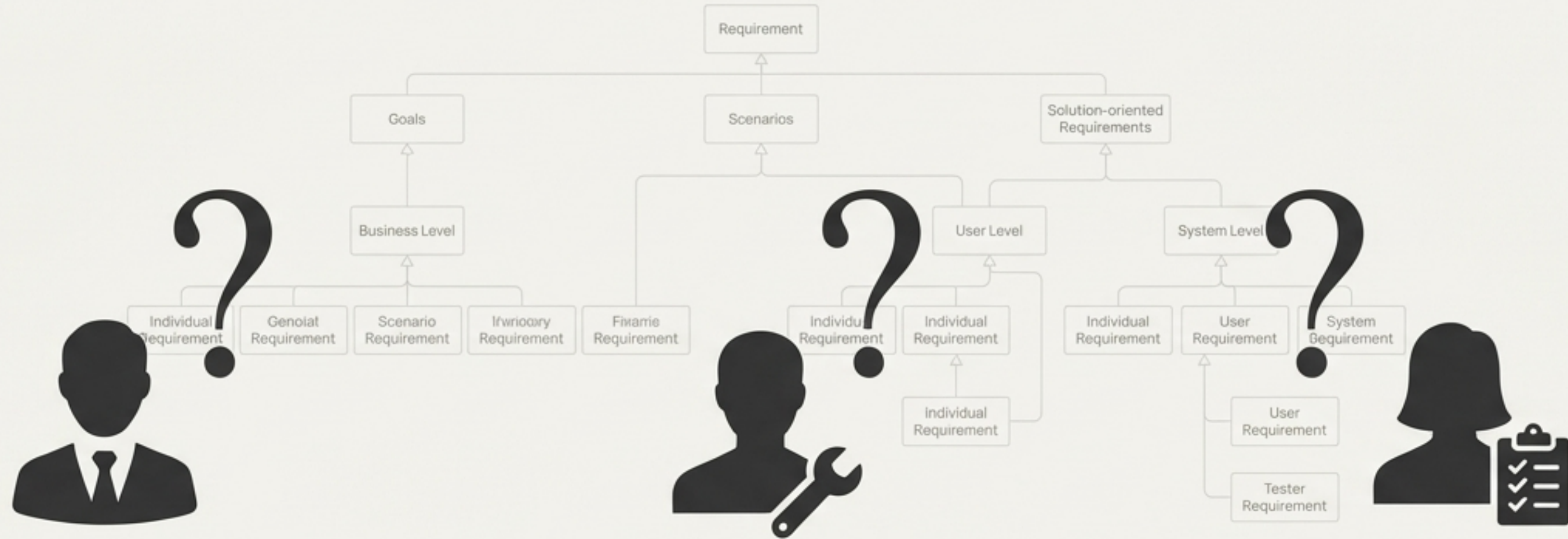
Charting the Terrain: The Requirements Information Model (RIM)

The RIM formally defines the entire “Requirements Landscape”:

- **Artifact Types:** e.g., Business Goals, Use Cases, System Requirements.
- **Levels of Detail:** From high-level business needs to granular system specifications.
- **Relationships:** How different requirement artifacts connect.



We Have a Perfect Map. But Can It Give Us Directions?



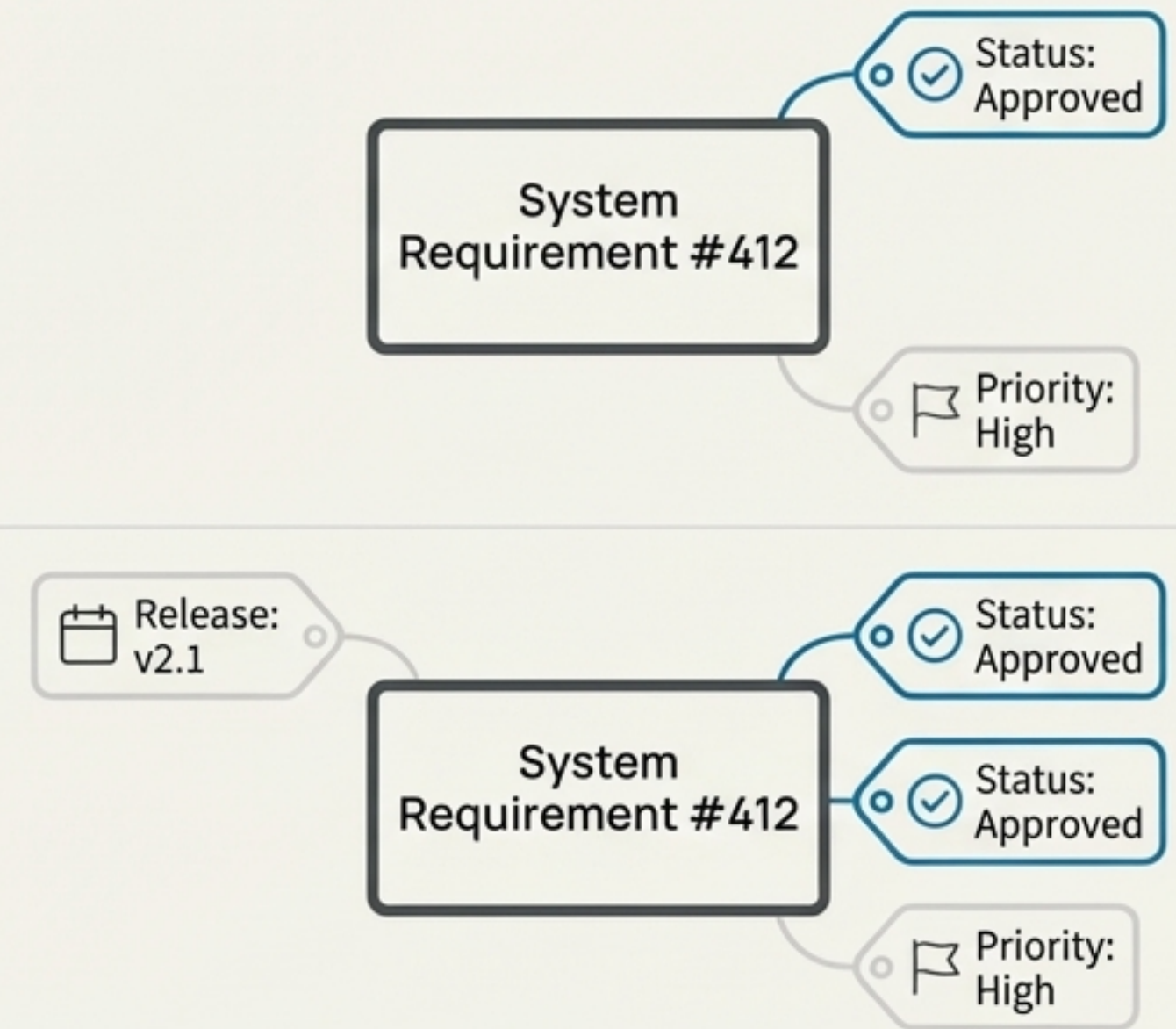
The RIM provides a complete picture of *all* requirements. But how does it help a specific stakeholder answer a specific question, right now?

A comprehensive map is useless without the tools to search, filter, and customize the information for different users and purposes.

The Solution, Part 1: Attributes Add Intelligence to the Map

Attributes are the metadata that describe and classify each requirement. They are the properties that make requirements sortable, filterable, and manageable.

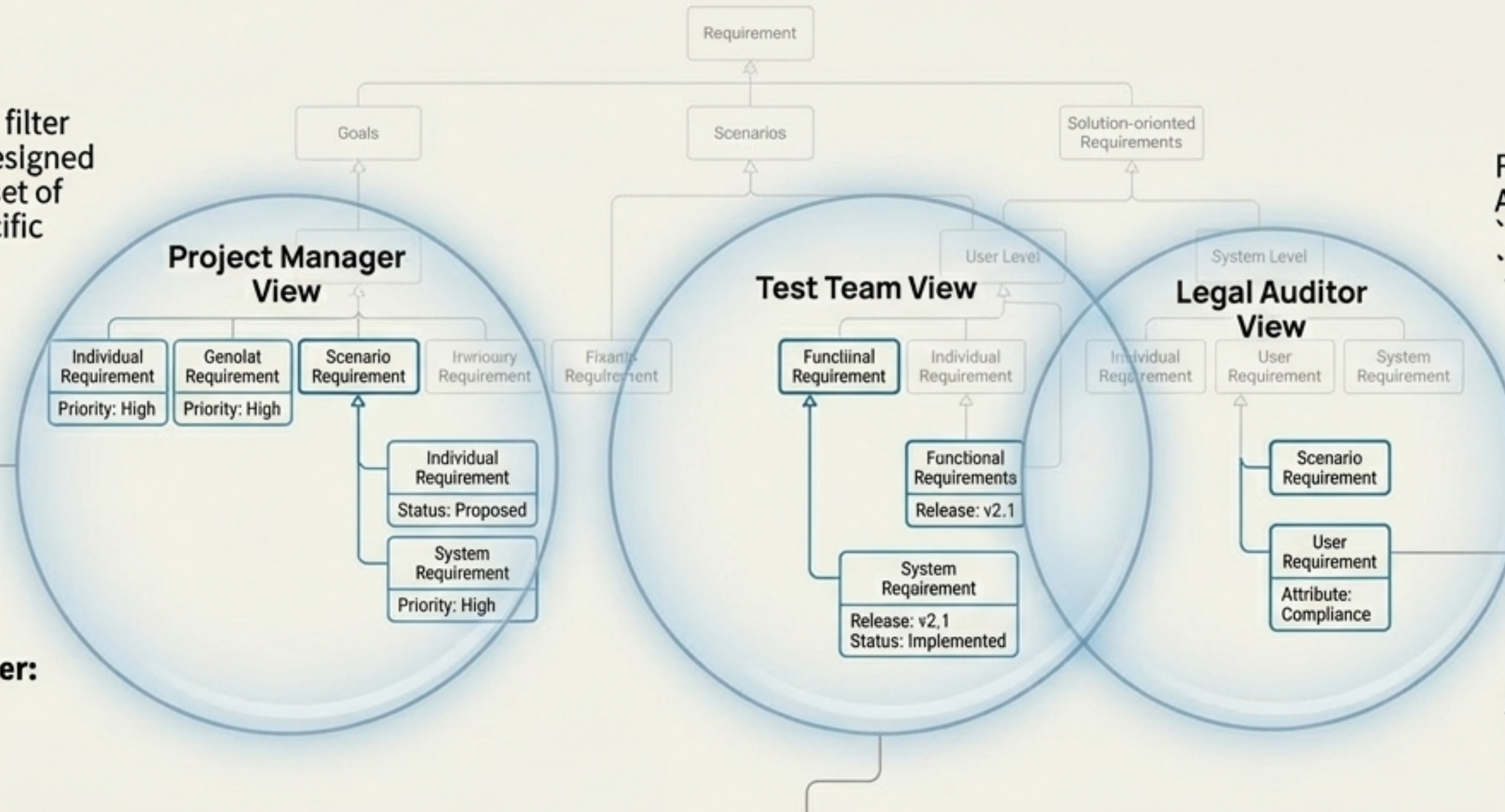
- **Status:** *Proposed, Approved, Implemented, Verified*
- **Source:** *Stakeholder Interview, Legal Dept., Workshop #3*
- **Priority:** *High, Medium, Low*
- **Release:** *v1.0, v2.1, Future*
- **Risk:** *High, Medium, Low*



The Solution, Part 2: Views Create a Custom Lens for Every Stakeholder

A View is a pre-defined filter based on attributes, designed to show a specific subset of requirements to a specific audience.

For the **Project Manager**:
All requirements with
`Priority = 'High'` and
`Status != 'Verified'`.



For the Legal Auditor:
All requirements where
`Source = 'Legal Dept.'` or
`Attribute = 'Compliance'`.

For the **Test Team**:
All `Functional Requirements`
for `Release = 'v2.1'` that are
`Status = 'Implemented'`.

For the **Legal Auditor**:
All requirements where
`Source = 'Legal Dept.'` or
`Attribute = 'Compliance'`.

From Questions to Answers.

The Question	The Answer
Q: "Which requirements are candidates for the next release?"	A: <code>`VIEW: Release Candidates` (Filter by Attribute: Priority, Status, Complexity)</code>
Q: "What is the status of all high-priority features?"	A: <code>`VIEW: Management Dashboard` (Group by Status where Priority = 'High')</code>
Q: "Show me only the requirements relevant to the security team."	A: <code>`VIEW: Security Audit` (Filter by Attribute: Source='Security Expert' OR Tag='Security')</code>

Beyond Documentation. Towards Navigation.

Status ☐

Priority ☒

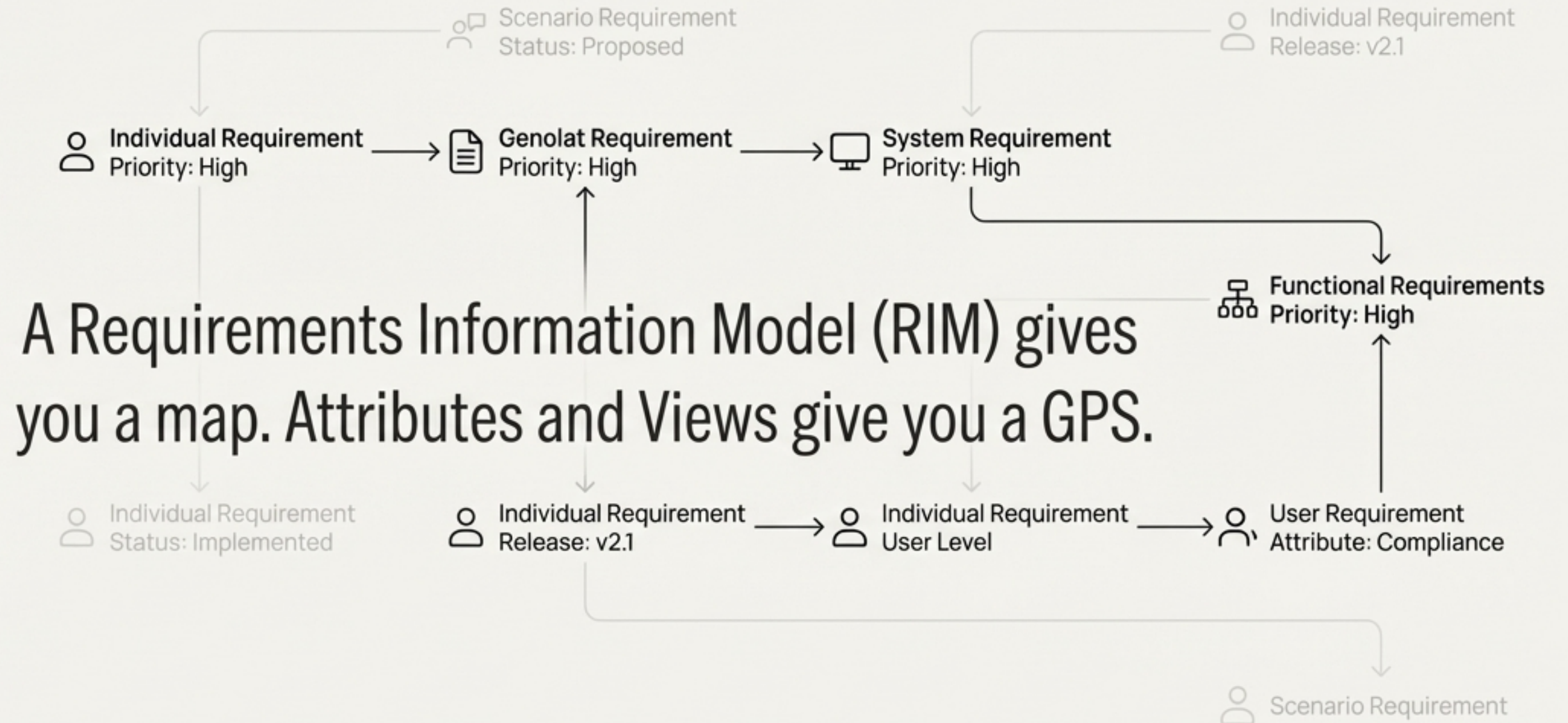
Release ☐

Saved Views

 Management Dashboard

 Test Plan v2.1

 Security Audit



Effective Requirements Management is not about simply recording requirements. It is about building a dynamic, intelligent system that allows you to navigate complexity, answer critical questions on demand, and deliver value with confidence.