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Mu.SA
museum sector alliance

VIDEO SCRIPT – VALIDATION FRAMEWORK

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When creating a data model, or even a full software system, we want to make sure that it correctly represents the needs of stakeholders (e.g., curators, guides, visitors,..).

Validating models is especially important when they are used as the basis for developing software systems;

How can the feedback of stakeholders be used for validation and for driving the development?

For this we can use Scrum which is an iterative process of software development. Scrum is an iterative process of software development done through iterations (sprints), where in each iteration a part of the system is developed, tested and evaluated at the end of each iteration. Data models and the developed system can be validated by the end of each sprint to verify if it responds to stakeholder needs.

Scrum has some main principles like:

- The project or product is comprised by a set of tasks to be accomplished (**Product Backlog**);
- The work is organized as **Sprints**, which have a fixed time period (e.g., two weeks, 1 month);
- Each sprint is comprised by the set of the most important tasks in the **Product Backlog** to be accomplished (**Sprint Backlog**);
- By the end of each **Sprint**, a **Working Increment** is made to the project that should be validated by the stakeholders;
- Validating models and systems regularly and incrementally is essential to drive the development of a system towards the needs of stakeholders.

END OF SCRIPT

