Benefits to MBS Developer

The Model-Based Standard’s developer is one of the biggest beneficiaries of the solutions identified in this paper. There are three primary benefits to developers in adopting an agile framework:

1. Clear requirements and expected outcomes
2. Early feedback on issues [e.g. integration]
3. Clear priorities and statement of work

A developer will no longer struggle with not having clear and complete requirements – thus reducing rework and wasted time. They can have confidence that the solution they are designing meets the customer's requirements [due to clear traceability to the user story and requirements] and that they have designed a complete solution through the different layers of the data model. By automating the integration and publication processes, the developer will have immediate feedback on the quality of their work and can make adjustments straightaway. The Product Increment Planning event and managed blacklog will provide clear statement of work so that the developer can schedule their time supporting the iterations.