

Techtonic Software Development Governance Process



Techtonic follows an Agile software process and each project team includes representatives from Product, Development, and Quality Assurance. The Product Owner is responsible for delivering what the clients' want, on-time and on budget.

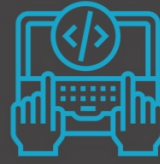
Deliverables

As we work through the project, we represent our ultimate deliverables as releases of software. Snapshot releases become immutable release candidates that we share with clients through source code and running environments.

Product Ownership



Software Development



Quality Assurance



Iterations

The entire SDLC is iterative with client involvement embedded from the beginning. Product continues to work with the client to define features through the story grooming process. DEV and QA implement those stories on known releases and the process repeats itself until project completion.

Utilizing a “Product Driven” approach, the Techtonic Product team is the first team to interact with clients. The Product team and client collaboratively define and document the features and success criteria that will govern the project. The Product team utilizes several work products to accurately capture and convey client requirements and priorities.

Press Release

A one-page journalistic-style document representing a fictional “Press Release” for the product to be built.

The goal of the PR is to convey the project “Big Picture,” give voice to relevant constituencies, establish overall objectives/priorities, and provide “color” regarding benefits expected from this product.

The PR becomes the guide post and represents the overall vision for the product.

FAQ's

This is a series of documents that answer detailed questions about who, what, where, when, and why this software is being created.

FAQs are appropriately detailed and deal with subjects like funding, release plans, architectural direction, supporting market research, and other operational areas.

Groomed Stories

Stories represent actionable changes for overall Product goals. Stories can be new, changed features, as well as bugs.

The project team authors and grooms iterative stories with input from Product, Development, and Quality Assurance.

Product ensures changes represented are on-point with the client's wishes.

Development ensures change can be implemented in accordance with architectural direction.

Quality Assurance ensures change can be adequately tested.

Scrum & Kanban

Once the Product team has garnered enough information through the Press Release, FAQs, and Groomed Stories, the overall team can begin development.

Scrum and Kanban are both utilized depending on the nature of the project.

Daily “standup” meetings are executed with each team member providing status, priorities, and blockers so the larger team can stay informed on progress.

Quality Assurance

As stories are completed, QA follows a rigorous process to pass or fail a ticket on the board.

The team iterates on the stories until they pass testing.

QA reports are created weekly and distributed to the team to share the status of the project, productivity and quality metrics achieved. Those reports inform how we adjust resources, pace, and scope of the project.