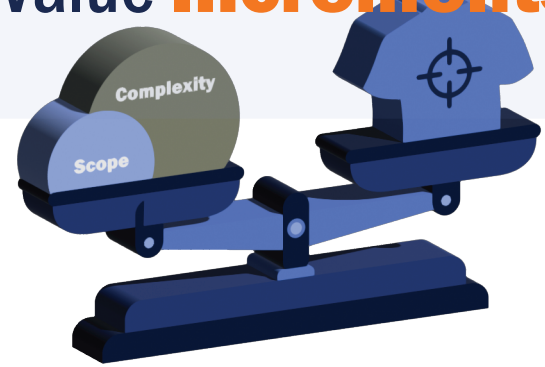


Minimal Value **Increments**



To ensure on-time delivery, it's important to understand the problem and identify necessary resources. NextPoint Group uses T-shirt sizing to estimate the level of effort (LOE) for features, helping to identify complex tasks early for proactive planning. This method categorizes tasks, highlights risks, and aligns with the agile mindset, offering a clear view of project demands and aiding in resource allocation.

Has our team gained EXPERIENCE on similar projects?

New applications, mission objectives, and users add complexity, requiring time to understand the mission and validate the approach. Past experience helps us apply lessons learned and streamline solutions.

Has anyone on the team completed similar work on another project?

Have we already worked with the users?

Do we have the right SKILLS & CAPABILITIES?

Hiring a specialized resource requires time for onboarding and may create reliance on one person, causing delays if they're unavailable. Identifying the right team members early can help reduce these risks.

Is there a specialized skill set we need to hire?

Do we have sufficient internal capabilities to address the project needs?

Are there EXTERNAL DEPENDENCIES for this deliverable?

Collaborating with external teams adds complexity, as we must integrate our services with those operating on different technical stacks and management structures. This may introduce additional coordination time and dependencies that could impact project timelines.

Are we familiar with the external team?

What is the readiness of the external services and capabilities?

Is the DATA & BUSINESS LOGIC relevant to our current application?

Changes to application fundamentals must ensure new requirements don't affect existing functionality or users and maintain backwards compatibility. Adding new data may require changes to the database, API, and UI, while similar data can be integrated with minor adjustments. Additionally, Additional: Do we understand how the Sponsor uses the data to determine how to store and optimize application usage?

Does the data model and business logic fit into our workflow?

Do we understand the Sponsor uses the data to determine how to store & optimize application usage?

Will this fit into our current ARCHITECTURE?

Major changes to system architecture may require additional approvals and impact areas like IaC and CI/CD pipelines. When evaluating a new feature, we assess its integration into the existing architecture or the need for new components. Designing with reusable modules speeds up development and benefits future projects. Additional: Does our tech stack already contain the necessary technology and software packages? Additional: Do we have shared code components we can leverage?

Does our tech stack already contain the necessary technology and software packages?

Do we have shared code components we can leverage?

Does this align with our current SECURITY approvals?

Any security-relevant changes will require additional documentation, approvals, and involvement from the Information Systems Security Engineer (ISSE). Depending on the change's significance and the involvement of external teams, multiple board approvals may be necessary before development can begin. These steps should be factored into the scope to minimize delays.

Is this considered a security-relevant change?

What approvals and presentations do we need to prepare?