



Suhas Bhairav

AI Agile Sprint Planning Scope Creep Checker

AI-assisted sprint planning to flag oversized or ill-defined tasks

An AI-assisted process to flag scope creep by comparing tasks to past velocity.

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Automate Scope Checks

AI compares each upcoming task with historical velocity to surface size risks before planning. It flags ambiguity and suggests decompositions.

Key move Pilot with one squad; validate accuracy before scaling.

PRACTICAL CHECKLIST

- 01** Baseline velocity is computed from the prior 4–6 sprints using story points.
- 02** AI decomposes incoming tasks into preliminary sizes and dependencies.
- 03** Flag tasks exceeding a defined threshold relative to velocity.
- 04** Identify vague scope, missing acceptance criteria, or unclarified risks.
- 05** Recommend decomposition into smaller work items with DONE criteria.
- 06** Suggest owners and initial risk notes for each flagged task.

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What Data and Tools You Need

Collect velocity history and task data to feed AI checks. Use clear templates for task size and done criteria.

Key move Ensure templates exist before automating sizing.

PRACTICAL CHECKLIST

- 01** Historical velocity per team per sprint from Jira/Boards.
- 02** Task descriptions and acceptance criteria structured in templates.
- 03** Backlog metadata: priorities, risks, dependencies.
- 04** AI agents (Claude/ChatGPT) integrated into planning to propose sizes.
- 05** Connectors to issue trackers and sprint boards.
- 06** Data quality and privacy guardrails; de-identify sensitive fields.

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Weekly Sprint Runway

A staged plan to validate, tune, and scale the AI checks. Start small, learn, then expand.

Key move Measure impact; scale only after stable results.

PRACTICAL CHECKLIST

- 01** Week 1: Install data connectors and baseline velocity; verify data integrity.
- 02** Week 2: Prototype AI task sizing on a limited backlog; collect prompts and outcomes.
- 03** Week 3: Introduce human-in-the-loop; require sign-off for flagged tasks.
- 04** Week 4: Pilot split into 2–3 stories; measure impact on planning time.
- 05** Week 5: Expand to additional teams; tune thresholds and prompts.
- 06** Week 6: Formalize ownership: PM lead, data steward, AI facilitator.

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ABOUT THE CREATOR

Suhas Bhairav

I build AI systems that combine distributed architecture, retrieval, knowledge graphs, security, and practical workflow design. My focus is AI that can be used repeatedly by real teams: understandable, reliable, and grounded in the work people already do.

EXPERTISE

- Principal systems architecture and applied AI engineering
- Production-grade AI systems, agentic workflows, RAG, and knowledge graphs
- Full-stack workflow applications across AWS, Google Cloud, Azure, on-premise, and hybrid environments
- Practical AI implementation patterns for automotive, manufacturing, finance, logistics, cybersecurity, sales, and customer operations
- Security, governance, observability, approvals, and failure-mode thinking for operational AI systems

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