BRD - How-To Document Generator AI Agent in Atlassian Rovo

Target release	Type // to add a target release date
Document status	DRAFT
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QA	
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🌟 Introduction

This project involves developing and deploying a custom AI agent within Atlassian Rovo named "How To Doc Generator". The agent will automatically generate clear, structured, step-by-step How-To documents (guides, tutorials, user manuals, etc.) based on existing Business Requirements Documents (BRD) or Functional Requirements Documents (FRD) stored in Confluence or attached/uploaded during the interaction. The agent will be accessible directly from Confluence pages (via the Rovo sidebar) and will support one-click or prompt-based generation of polished How-To content.

🎯 Objective

To create a reusable, team-accessible Rovo AI agent that dramatically reduces the time required to convert technical BRDs/FRDs into user-friendly, actionable How-To documentation, improving knowledge sharing, onboarding, and product adoption across teams.

🌟 Scope

- Creation and configuration of a custom Rovo agent ("How To Doc Generator").

- Agent ability to read/analyze BRD/FRD content from Confluence pages, attached files (PDF, Word, etc.), or pasted text.
- Generation of structured How-To documents including title, introduction, prerequisites, step-by-step instructions, screenshots/diagrams (if provided), troubleshooting tips, and references.
- Support for multiple output formats (Confluence page, exported PDF, or Markdown).
- Pre-configured prompt templates (e.g., "Create a how-to document based on this FRD", "Summarize the implementation steps", "Convert this workflow into step-by-step user instructions").
- Integration with Confluence editor via Rovo sidebar.
- Basic customization of tone (e.g., beginner-friendly, technical, concise).

📊 Success metrics

Goal	Acceptance Criteria	Metric
Reduce How-To creation time by at least 80%	Users can generate a complete How-To doc from a BRD in under 2 minutes	Time saved measured via user feedback survey (target: ≥4.5/5 satisfaction)
High adoption rate	Agent used in ≥50% of new BRD/FRD pages within first month	Usage analytics from Rovo (≥100 invocations/month)
Accurate & usable output	Generated docs require <15% manual edits on average	Post-generation edit rate tracked via Confluence version history
Zero critical errors in generation	No hallucinations or factual inaccuracies in >95% of outputs	Review of 50 generated docs by PM/Tech Writer team

📒 Business Requirements (Functional and Non- Functional)

Req ID	Requirement	Priority	Severity	FR/NFR
BRD-01	The agent shall be discoverable in the Rovo sidebar under the name	High	Critical	FR

	"How To Doc Generator" with a relevant icon and description.			
BRD-02	The agent shall accept input from the current Confluence page (BRD/FRD) automatically when invoked from the bottom Rovo icon.	High	Critical	FR
BRD-03	The agent shall provide pre-built prompt options such as: • "Create a how-to document based on this FRD" • "Summarize the implementation steps for this requirement" • "Convert this workflow into step-by-step user instructions"	High	High	FR
BRD-04	The agent shall allow custom user prompts for flexible generation.	Medium	Medium	FR
BRD-05	The agent shall generate How-To documents with the following standard structure: 1. Title 2. Introduction/Purpose 3. Prerequisites 4. Step-by-Step Instructions (numbered, with screenshots if available) 5. Expected Results 6. Troubleshooting 7. References/Related Docs	High	Critical	FR
BRD-06	The agent shall output the generated document as a new Confluence page in the same space (or a specified space).	High	Critical	FR
BRD-07	The agent shall support tone/style selection (e.g., beginner, advanced, concise, detailed).	Medium	Medium	FR

BRD-08	The agent shall handle BRD/FRD inputs up to 50 pages or 100 requirements without truncation or loss of context.	High	High	NFR
BRD-09	The agent shall complete generation in under 60 seconds for typical BRD/FRD (≤20 requirements).	High	High	NFR
BRD-10	The agent shall comply with Atlassian data privacy and only access content the invoking user has permission to view.	High	Critical	NFR
BRD-11	The agent shall include a disclaimer: "Generated by AI – Please review for accuracy." on every output.	Medium	High	NFR
BRD-12	The agent shall be shareable with the entire organization or specific teams.	High	High	FR

🤔 Assumptions

- Atlassian Rovo is enabled on the organization's Premium/Enterprise plan.
- Users have appropriate permissions to create and share custom agents.
- BRDs/FRDs are well-structured Confluence pages with clear sections (e.g., requirements tables, diagrams).
- The organization uses Confluence Cloud as the primary documentation tool.
- No external tools or paid third-party integrations are required beyond native Rovo capabilities.

🔗 User Stories

- As a Product Manager, I want to invoke the agent directly from a BRD page so that I can generate a user-facing How-To guide in one click.
- As a Technical Writer, I want pre-built prompts so that I can quickly choose the type of How-To needed without typing long instructions.

- As an Engineer, I want the generated How-To to include implementation steps extracted from the FRD so that onboarding new team members is faster.
- As a Team Lead, I want the agent available organization-wide so that any team can reuse it without recreation.

🎨 User Interactions and design

image/mockups/diagrams

❔ Risks and Mitigations

Risk	Mitigations
AI hallucinations or inaccurate interpretation of requirements	Add strict instructions in agent prompt: "Only use information explicitly stated in the provided BRD/FRD. Do not add external knowledge." + Require human review disclaimer
Performance issues with very large BRDs	Chunk input processing + add size limit warning; recommend splitting large docs
Low adoption due to discovery issues	Announce via company channels, add to global templates, pin in Rovo
Changes to Rovo API/capabilities	Monitor Atlassian release notes; have fallback manual process

⚠️ Project Constraints

- Must use native Atlassian Rovo (no custom Forge app development unless absolutely necessary).
- Timeline: Agent ready for team use within 1 week of project kickoff.
- Budget: No additional licensing costs (assumes Rovo already available).
- Team: Single creator (or small admin team) for initial setup.

⚠️ Out of Scope

- Advanced diagramming (auto-generating new flowcharts – can include existing ones only).
- Multi-language translation of generated How-To docs.
- Integration with external tools (e.g., Google Docs export automation).
- Mobile-specific How-To formatting.

- Automated publishing to external knowledge bases (e.g., Zendesk, public wiki).

📖 References

if any references.

ℹ️ Versions

Version	Date	Comment
Current Version (v. 2)	**22 Nov, 2025 01:01**	**Abhishek Singh**
v. 1	22 Nov, 2025 00:53	Abhishek Singh