



AI-Powered Test Delivery and Management



Tauranga City



THE TOOLBOX

The stuff we made

A quick-fire wall of the interactive QA tools created with Copilot.



ADO Estimation Tool

Connect to ADO, browse Workstreams/Epics, extract Features or Stories for estimation.

DISCOVERY



Animals QA Estimates

Selectable estimates: 42 features, 201 stories, 1104 test cases, 1272 hours.

EFFORT



Test Estimation Gantt

Editable test plan with capacity, utilisation, defect retest and priority coverage.

CAPACITY



QA Roadmap Tool

48-week roadmap with milestones, dependencies, import/export and PDF mode.

STRATEGY



ADO Test Suite Creator

Bulk creates Azure DevOps test suites from Features under an Epic.

AUTOMATION



Test Plan Dashboard

Suite tree dashboard with outcome rollups, priority risk and suite search.

EXECUTION



Sprint Test Coverage

Story-level execution bars, priority filters and expandable test case detail.

COVERAGE



Bug / Defect Dashboard

Bugs by Feature → Story with ageing, severity and created-vs-closed trends.

QUALITY SIGNALS



Risk Priority Evaluator

Weighted scoring turns risk factors into a P1-P4 recommendation.

RISK



UAT Burnup Tracker

Daily execution, planned progress, velocity and estimated completion.

UAT



THE CONDENSED STORY

One AI-assisted QA workflow.

1. Discover + estimate ADO Estimation Tool, Animals QA Estimates, Test Estimation Gantt.

2. Plan + organise QA Roadmap and ADO Test Suite Creator.

3. Execute + monitor Test Plan Dashboard and Sprint Test Coverage.

4. Decide + generate Bug Dashboard, Risk Priority Evaluator, UAT Burnup and RAG-based test generation.





WHAT CHANGED UNDER THE HOOD

From prompt-only to RAG pipeline.

Azure AI Foundry + embeddings Model deployments support embedding and generation workflows.

Azure Blob + Azure Search Documents are uploaded, processed, indexed and searched as retrieval context.

Pre-processing + prompts User Stories and documents are cleaned and shaped before generation.

Storage + observability Generated tests go to Azure Tables, with logging for requests and payloads.



[Open explanation video](#)

If the video does not load, keep this HTML file in the same Downloads folder as the MP4.



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