

# BA/QA-I Overview

- Purpose
- Scope of the tool
- Anticipated impact



# BA/QA-I Tools

## BAI

AI Model that assists Business Analysts (Bas) in refining their user stories and generates acceptance criteria from a user story and description.

### Features

- AI-generated acceptance criteria tailored to story types and context
- AI-generated suggestions based on Agile industry standards
- User interface to view and revise inputs/outputs, suggestions, and revisions

### Target User

- Business Analyst

### Outcomes

- Faster story writing
- Standardized approach for story content
- Improved onboarding and training of BAs
- Enhanced output

## QAI

AI Model that assists Quality Analysts (Qas) in refining their test cases and generates a qTest upload file from a user story.

### Features

- AI-generated test cases tailored to story input
- Output file containing required fields and generated test cases for upload into test automation tools
- User interface to view and revise inputs/outputs

### Target User

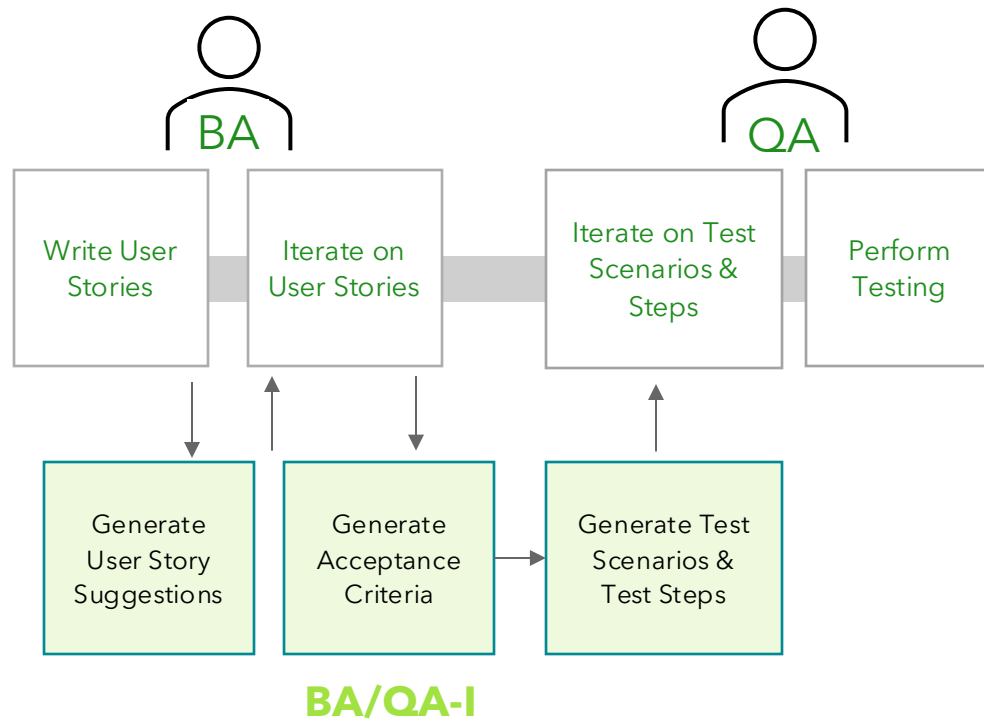
- Quality Analyst

### Outcomes

- Faster test case writing
- Increased productivity
- Consistency in quality



Our purpose in creating **BA/QA-I** is to standardize and reduce the time needed to create detailed user stories, acceptance criteria, and test cases across projects.



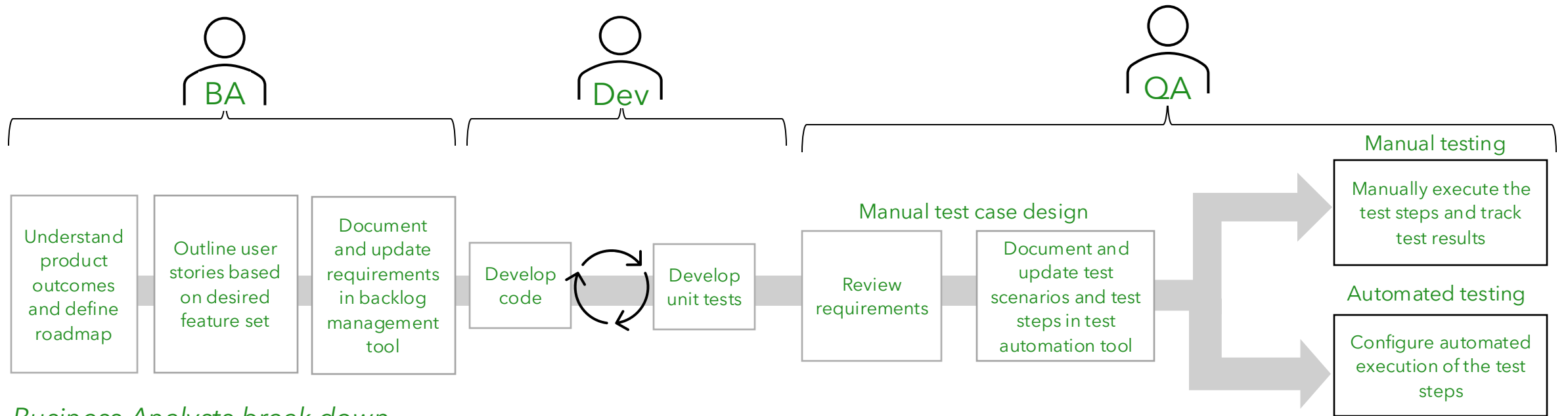
With the use of large language models, AI can now be used to generate requirements and test cases to accelerate business analyst and test engineering workflows.

AI has the opportunity to:

1. *Reduce time spent writing and refining user stories + acceptance criteria*
2. *Reduce time spent designing test plans and documenting test cases*
3. *Align to the future roadmap and vision for improvements to the SDLC across all BU's*



To build high quality software and applications, several personas must collaborate to translate requirements into a functioning, tested product.



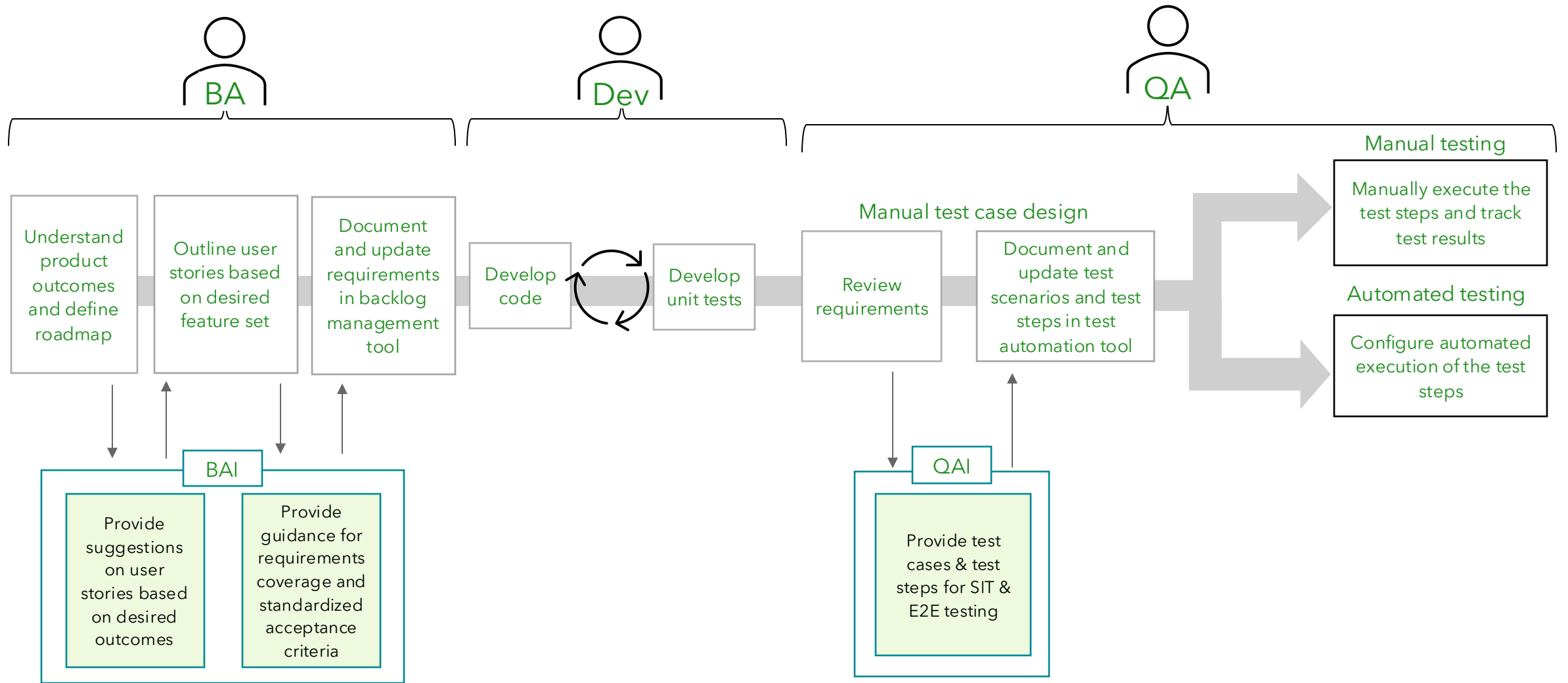
*Business Analysts break down product outcomes into stories that are consumed by developers...*

*...who build and deploy products...*

*...while collaborating with Quality Assurance teams, to ensure the end results behave as expected.*



The **BA/QA-I** tools address two key opportunities for increased standardization and efficiency by assisting the BA and QA personas with AI.



Your team's time is highly valuable, and **BA/QA-I**'s potential value can be quantified according to time saved.

*Our surveyed BAs spend about 40% of their week drafting stories and acceptance criteria.  
Our surveyed QAs spend about 60% of their week writing test cases and steps.*

If the BA/QA-I helps story writing and test case creation move just **20%** faster...

Each BA could save  
**156 hours**  
every year in story writing time.

A project with 8 BAs could save  
**1,248 hours**  
of story writing time in 1 year.

Each QA could save  
**250 hours**  
every year in test case creation time.

A project with 15 QAs could save  
**3,748 hours**  
of test case creation time in 1 year.



## Qualitative feedback from our users points to efficiency gains from **BA/QA-I**.

### BAI

*"The BAI tool provides a bias-free resource for User Stories / Acceptance Criteria builds and revisions. It frequently makes suggestions of value, helping to refine both my work output and myself. It is a true value add for performing BA work."*

*"I am excited for the consistency the BAI tool will provide BAs across our organization, since teams are not always on the same page about how to write great user stories or acceptance criteria."*

*"The BAI stories were more complex and better spoke to the needs of the user compared to what was written unassisted."*

### QAI

*"Time savings is about 30 minutes (assuming columns match in our tool and mapping is prepopulated). A single test case from start to finish can take on average 45 min and with the tool, only about 15 minutes including verification and possible edits. Even if the produced test cases need to be adjusted, still considerable time savings, I'd rather edit than write from scratch."*

*"The QAI tool is user-friendly and generally quick, making it a valuable asset for our testing process. It provides a wide variety of test cases that cover many scenarios effectively. Overall, it has great potential to streamline our testing efforts."*

*"Using the QAI tool sometimes takes a few minutes to generate the test case for a complex user story, but it ultimately reduces the overall time."*

