**Got it ✅ — this screenshot of the Formatting Checker UI with the “Run Checker” button is perfect context. Let’s write the complete user story for the *one-click scan* feature, including business requirements, acceptance criteria, definition of done, and dependencies.**

## User Story

**As a banker, I want a one-click scan that flags formatting errors across the deck,  
 so that I can instantly find and fix issues without manually checking each slide.**

## Business Requirements

* **Provide a “Run Checker” button in the PowerPoint add-in.**
* **The scan must evaluate the entire deck (all slides) in a single click.**
* **Checks include:**
  + **Content, Layouts & Templates → approved corporate templates, placeholders, sensitive data, abbreviations.**
  + **Numbers & Currency → decimal precision, scale (M, B), thousands separator.**
  + **Alignment → header, sub-header, body, footnotes.**
  + **Fonts → family, type (Regular, Bold, SemiBold), size, line height.**
  + **Case → Title Case, Sentence Case, etc.**
  + **Branding → correct color palette (RBC vs Client branding).**
* **Results must display in a clear, itemized report showing:**
  + **Rule violated.**
  + **Location (slide number, object).**
  + **Suggested correction.**
* **The scan must finish within 5 seconds for a 20-slide deck.**

## Acceptance Criteria

* **Given I click Run Checker, when the scan completes, then I see a list of all formatting errors by slide.**
* **Given a slide passes all checks, then it is marked as compliant with a green checkmark.**
* **Given an error is flagged, then the rule violated and suggested fix are displayed.**
* **Given multiple errors exist on the same slide, then all must be shown in the results.**
* **Given I switch formatting templates (e.g., from Tech Team → AI Team), when I re-run the checker, then results reflect the updated rules.**
* **Given the deck is error-free, then the result states “No issues found.”**

## Definition of Done (DoD)

* **“Run Checker” button triggers a single-pass scan across all slides.**
* **Results cover all six preference categories (content, numbers, alignment, font, case, branding).**
* **Errors are flagged with slide number, object, and recommended fix.**
* **Scan completes within performance threshold (< 5 seconds for 20 slides).**
* **Works consistently on PowerPoint desktop**
* **QA validates accuracy by running tests on sample decks with known violations.**

## Dependencies

* **PowerPoint Add-in Framework → trigger full-deck scan.**
* **Formatting Rules Engine → applies vertical-specific rules (content, numbers, fonts, case, branding).**
* **Results UI Component → displays flagged errors with context and suggestions.**
* **Vertical Templates Repository → ensures scan uses the correct source-of-truth rules.**
* **Performance Optimization Layer → ensures scan runs within latency requirements.**

**⚡This ties directly to the “Run Checker” control in your screenshot.**

**Would you like me to also create a mock results view (like a table showing slide #, issue type, suggestion) so you can show how flagged errors might look in the UI spec?**