Formal Review Template

Requester Name:_____Rosetta Codex_____
Reviewer Name: _____Dante Donaldson_____
Date of Review: _____10/7/2025_____

Review Type (e.g., code, usability, design, other): Code Review: White Box

Scope:

Artifact Reviewed: Source code for the Rosetta Codex project (specific module or script under review).

Review Objectives: The objective of this review is to obtain feedback on whether the code is **well-written and effective** in terms of clarity, structure, performance, and maintainability.

Methodology:

Approach Taken (e.g., execute, inspect, observe): _Inspected the source code directly, reviewing structure, logic flow, and adherence to coding standards. No execution or runtime testing was performed during this review.

Evaluation Criteria (e.g., expected behavior, best practices, heuristic evaluation): Code readability and maintainability, Proper use of comments and documentation.

Coverage / Limitations (e.g., test login only, ignore database integration): This review focused exclusively on **core source code structure and logic implementation**. Database integration, third-party API calls, and runtime testing were not evaluated in this phase.

Findings

Strengths:

- The `ManuscriptPage` model, controller, and views are clearly defined and follow Rails conventions.
- Naming of methods, variables, and paths is semantically meaningful and self-explanatory.
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Issues / Defects:

Description of Issue	Severity (Low/Med/High)	Evidence / Example	Suggested Fix
No Error Handling or Redirect in `show`	Medium	If an invalid `id` is passed to `show`, it will raise an exception	Add `find_by(id: params[:id])
Missing Instance Setup in show	High	`show` action in `manuscript_pages_controller.rb` is empty; `@manuscript_page` is not defined	Add a `@manuscript_page = ManuscriptPage.find(params[:id])` line in the `show` method to prevent runtime error when rendering the `show.html.erb` view
Inline Styles in Views	Low	CSS is embedded in `index.html.erb` and `show.html.erb`	Move styles to a separate CSS file or SCSS partial to follow best practices and improve maintainability