Study Case Submission Template

Please use this template to document your solution. Submit it as a PDF file along with your project repository.

1. Title

2. Candidate Information

- Full Name:
- Email Address:

3. Repository Link

- Provide a link to your GitHub repository.
- **A Important:** Do **not** use the word *Rakamin* anywhere in your repository name, commits, or documentation. This is to reduce plagiarism risk.
- Example: github.com/username/ai-cv-evaluator

4. Approach & Design (Main Section)

Tell the story of how you approached this challenge. We want to understand your thinking process, not just the code. Please include:

Initial Plan

- · How you broke down the requirements.
- Key assumptions or scope boundaries.

• System & Database Design

- · API endpoints design.
- Database schema (diagram or explanation).
- Job queue / long-running task handling.

LLM Integration

- $\circ~$ Why you chose a specific LLM or provider.
- · Prompt design decisions.
- Chaining logic (if any).
- RAG (retrieval, embeddings, vector DB) strategy.
- Prompting Strategy (examples of your actual prompts)

• Resilience & Error Handling

- How you handled API failures, timeouts, or randomness.
- Any retry, backoff, or fallback logic.

• Edge Cases Considered

- What unusual inputs or scenarios you thought about.
- How you tested them.
- ⚠ This is your chance to be a storyteller. Imagine you're presenting to a CTO, clarity and reasoning matter more than buzzwords.

5. Results & Reflection

Outcome

- What worked well in your implementation?
- What didn't work as expected?

· Evaluation of Results

- $\circ~$ If the evaluation scores/outputs were bad or inconsistent, explain why.
- If they were good, explain what made them stable.

Future Improvements

- What would you do differently with more time?
- What constraints (time, tools, API limits) affected your solution?

6. Screenshots of Real Responses

- Show real JSON response from your API using your own CV + Project Report.
- Minimum:
 - \circ /evaluate \rightarrow returns job_id + status
 - ⟨result/:id → returns final evaluation (scores + feedback)
- Paste screenshots or Postman/terminal logs.

7. (Optional) Bonus Work

If you added extra features, describe them here.