Accelerating Delivery and Enhancing Quality with AI

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Executive Summary

❖ This proposal outlines the strategic adoption of Generative AI tools—specifically **GitHub Copilot for Business** and our **Randstad Gemini Instance**—to accelerate development cycles, improve code quality, and enhance the clarity and consistency of our Agile epic and user story creation.

  ➢ Notes: While we could use CoPilot for both uses, the cost of Gemini is absorbed by Randstad and Gemini enables the **highest** level of security

❖ We recognize CFI's stance regarding AI and have prioritized tools and practices that ensure security, compliance, and responsible human oversight. The recommended tools are utilized within a secure, enterprise-managed environment where client data protection is non-negotiable.

Use Case for Accelerating Development using GitHub CoPilot for Business

Use Case	Description	Value
Code Generation	Converts natural language comments into functional code snippets in real-time, reducing routine coding time.	**20-40% increase in developer productivity.** Allows developers to focus on complex logic and architecture rather than boilerplate code.
Unit Test Generation	Automatically generates accurate unit and integration test cases based on existing functions and methods.	**Increased code coverage and quality.** Reduces manual testing time and ensures early identification of defects.
Refactoring and Optimization	Suggests cleaner, more performant, and modern ways to structure existing code, improving maintainability.	**Lower long-term maintenance costs** and a reduction in technical debt.
Documentation	Automatically generates comprehensive function descriptions, inline comments, and code summaries.	**Automatically generates comprehensive function descriptions, inline comments, and code summaries.**

Security

- **No Training on Client Data:** Under the **Copilot for Business** license, our proprietary code and prompts are **not** used to train the underlying public language models. This is the central tenant of the enterprise offering.

- **Enterprise-Grade Security:** The service is built on Microsoft Azure, inheriting its robust security framework, including encryption of data both in transit (TLS) and at rest.

- **Data Separation:** Our inputs (prompts) and outputs (code suggestions) are not available to other customers.

- **Human Oversight Mandate:** We mandate **100% human review** of all AI-generated code. This process is integrated into our existing Pull Request/Code Review workflow, ensuring our team is responsible for validating suggestions for correctness, security vulnerabilities, and adherence to client standards *before* merging.

Cost: $30/User/Month*

Use Case for drafting Agile work items using Randstad's instance of Gemini

CFI
COLLEGE FOUNDATION, INC.

Use Case	Description	Value
Requirements capture	Converts high-level feature ideas into fully structured Epics and Stories (using format like INVEST).	**30% reduction in time** spent on requirements drafting and refinement sessions.
Acceptance Criteria Generation	Creates clear, testable, and measurable acceptance criteria for user stories based on the user pain points and desired outcomes.	**Improved clarity for QA and Development.** Reduces ambiguity, rework, and iteration delays.
Consistency and Standardization	Enforces a standard terminology and format across all project documentation, regardless of the author.	**Enhanced project transparency** and easier comprehension for all stakeholders.

Security

- **Secured Data Boundary:** As an internally managed Enterprise LLM instance (Randstad Gemini), client information and project documents are processed within the Randstad IT infrastructure. This ensures that data **never leaves the secure organizational trust boundary.**

- **Compliance:** Usage is governed by Randstad's internal data privacy policies and commitment to regional compliance standards, guaranteeing rigorous protection and access control.

- **Confidentiality:** This is the preferred solution for handling sensitive requirements and documents, as the environment is designed specifically to prevent data leakage and ensure confidentiality.

- **Human Oversight Mandate:** We mandate **100% human review** of all AI-generated information. Work items are only drafted through Gemini and then refined with Human insight