A screenshot of a software application

Description automatically generated

**Goals**

To provide developers, go-to-market teams, architects, and executives with a constantly evolving private GitHub repository for accessing Generative AI solutions, reusable assets, and demo solutions.

**List of Steps**

1. Navigate to the private GitHub repository genai-factory-2.0/.
2. Access the README.md file for an overview of the repository.
3. Review contributing guidelines in contributing.md.
4. Explore specific directories for solutions and assets:
   * use\_cases/ for practical examples and applications.
   * reusable-library/ for agents, chains, and pipelines.
   * frameworks/ for CoT, ToT, and React-based frameworks.
   * platforms/ for platform-specific solutions (e.g., Azure, Google, Amazon, Kore.ai).
   * tests/ for benchmarks, unit tests, and integration tests.
   * ci\_cd/ for continuous integration and deployment setups.
   * configs/ for configuration files such as chain, global, model, and pipeline configs.
   * go\_to\_market/solution\_demos/ for demos targeting specific market needs.
   * research/trends\_innovation/ for innovation trends and research insights.
5. Use demo solutions or customize reusable assets as needed.

**Description**

The GitHub repository serves as a centralized library for Generative AI assets. Developers can utilize reusable libraries, frameworks, and configurations to accelerate development. Go-to-market teams and architects can leverage solution demos and research insights to drive innovation and client engagement.

**Preconditions**

1. Access permissions to the private GitHub repository must be granted.
2. Users should have basic knowledge of navigating GitHub repositories.
3. Required tools (e.g., Python, cloud SDKs) should be installed locally for testing solutions.

**Postconditions**

1. Users can successfully access and utilize reusable assets, demo solutions, and configurations.
2. Feedback and contributions to the repository can be made following the contributing.md guidelines.
3. Updated and evolving repository content supports team collaboration and innovation efforts.