

RicAI Autonomous Testing

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Idea

The idea was to develop an Autonomous AI Agent for software testing. In simple words, delegating the time consuming and expensive software testing processes to an agent.

Vision of capabilities

- Understand (complex) software requirements and business logic
- Generate test cases
- Work with unit tests, usability and acceptance tests (tools like Selenium, etc.)
- Provide feedback and test reports

Progress

Tech used

- SuperAGI agent framework for the core
- Weaviate vector database for code storage and retrieval
- GPT-Engineer for unit test generation

Business potential

- Allows to save time of developers, to do more important planning tasks
- Software testing as one of the most crucial parts of ensuring quality