



Yogesh Haribhau Kulkarni • You

AI Advisor (Helping organizations in their AI journeys) | PhD (Geometric ...

14m • 🌐

...

🚀 Here's a bit different route for generating QA test cases using LLMs—this time leveraging Langchain Agents instead of structured workflow designed in LangGraph, which I recently posted about.

If you're curious about the details, check out the publication at Ready Tensor, Inc.! mentioned in the post below 📖 ✨

#QA #TestAutomation #LLMs #LangChain #AI #SoftwareTesting #TechInnovation Anjali Kulkarni Abhyuday Desai, Ph.D. #mvpbuzz #gde LangChain Harrison Chase



Anjali Kulkarni • 1st

18+ Years Leading Enterprise QA Transformations | Technical Training Con...

18h • 🌐

I wish to share my latest article on automating QA processes with AI agents.

As someone deeply involved in QA, I've experienced firsthand the challenges of creating and maintaining manual and automated test cases, which inspired this solution. This is still in a PoC stage and just an initial implementation to check feasibility of the thought.

In my article, I detail a system built using Groq API, LangChain, and Streamlit that converts requirements docs directly into automated Selenium testscripts through three specialized AI agents:

1. A document summarizer extracting key points
2. A Gherkin test case generator creating BDD scenarios

3. A Selenium script generator producing executable code

This approach addresses our biggest QA challenges: the time consumption of manual test creation, maintaining consistency as requirements evolve, and the constant pressure to do more with limited resources.

Streamlit UI makes it accessible to non-programmers, allowing teams to generate in minutes what previously took days.

As development cycles accelerate, teams that embrace these AI-powered workflows will gain a significant edge in delivering higher quality software more efficiently.

What AI tools are you using in your QA processes?

#QualityAssurance #AIinTesting #SoftwareTesting

#AutomationTesting #Langchain #Gemma



Automating QA Processes with AI Agents - A

Modern Approach to Test Case Generation

app.readytensor.ai