★ STREAMING TECH ★

INNOVATION FEST

TEST MANAGER BOT

Unified

Generative AI

TEAM INFORMATION

Team Name:

Unified

Selected Prompt:

- Harness The Potential Of Generative AI

- Find a Problem, And Solve It!

Team Members:

Rosti Alpin

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Cameo by

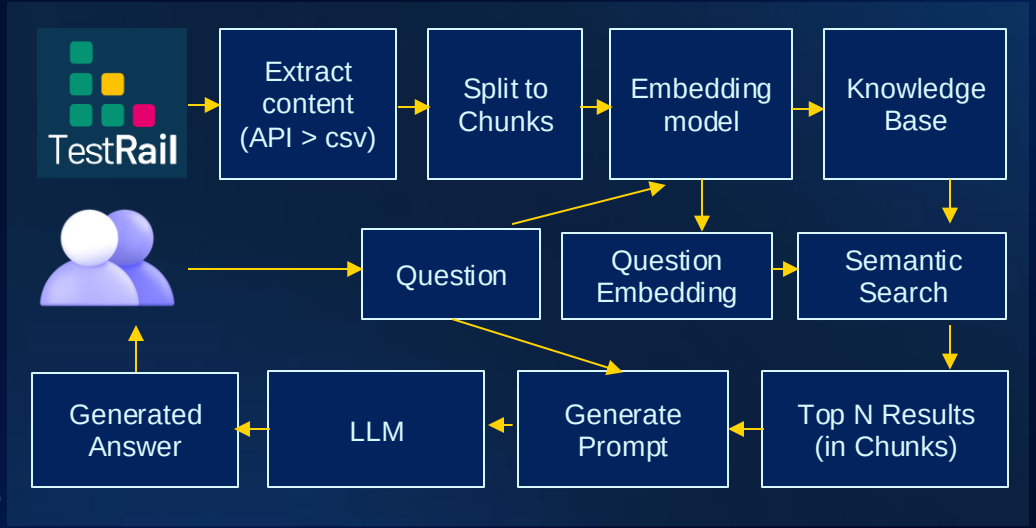
Denzel Washington

THE IDEA

Idea Description:

The project aims to streamline manual QA tasks by integrating a dedicated QE Copilot. This innovative solution leverages machine learning algorithms to analyze existing test cases and business requirements, generating new test cases, identifying duplicates, and suggesting updates, and many more... This integration accelerates testing, enhances accuracy, and improves product quality insights for faster time-to-market.

Solution:



Benefits:

30%

Productivity Improvement in Test Case Creation, Maintenance, and Management.

Limitations:

- Sensitive to right prompts for yielding accurate results
- If the ask involves internal/new info not in knowledge base and LLM, requires descriptive prompts

Next Steps:

- Rollout in QE process
- Improve TestRail Data Quality & Quantity
- QE prompt library reference
- LLM upgrades with new and powerful releases

DEMO VIDEO

THIS IS WHERE YOUR UPLOADED VIDEO WILL PLAY.
DO NOT EMBED VIDEO HERE.

TEST MANAGER BOT

Q&A

APPENDIX

DEMO PROMPTS

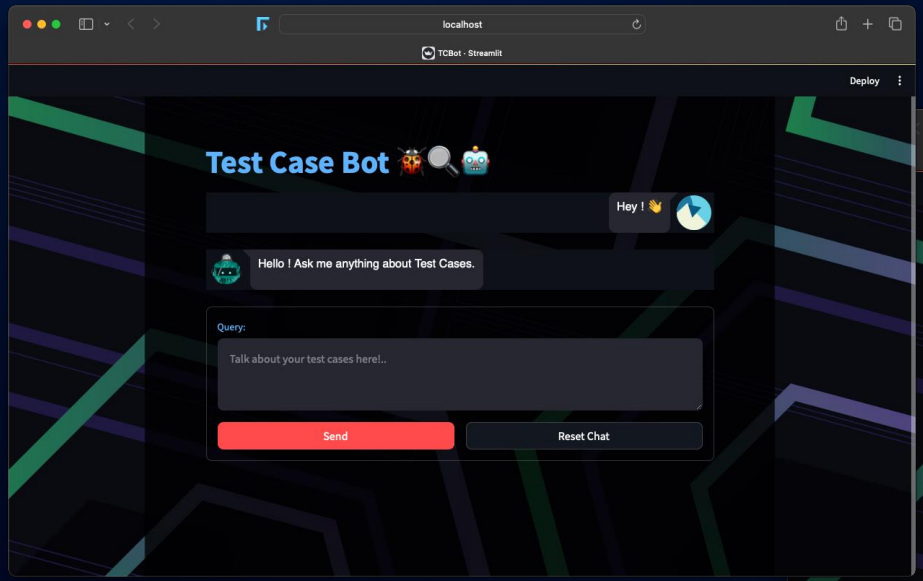
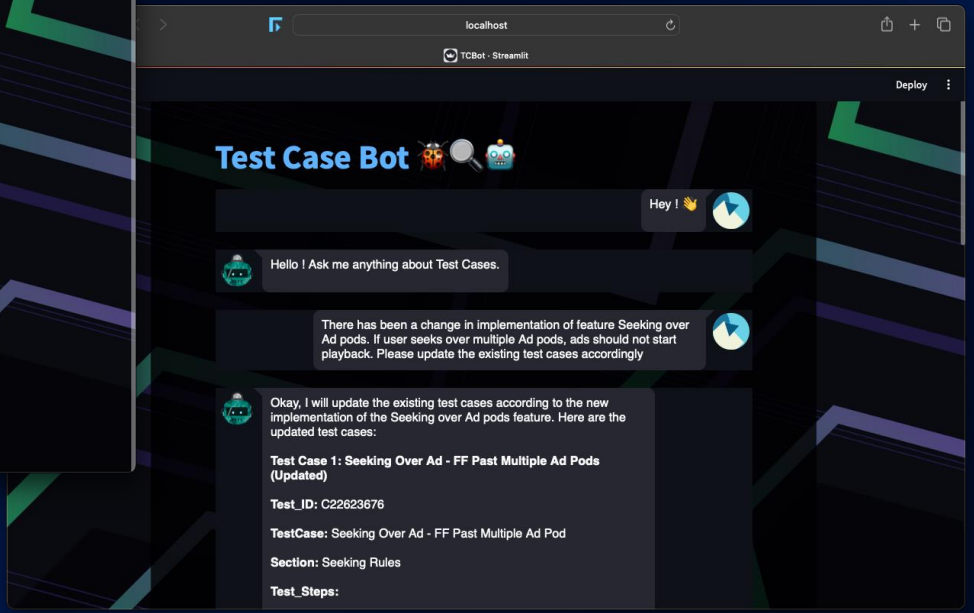
Use Case 1: New Requirement with No Test Cases
This is a new requirement "It is about deep link. When user searches for any show from the platform specific search, user should be deep linked to the episode or movie. Post successful authentication, video playback should start. Need to test Episode, Movie and Live TV". Find if there are existing test cases for this requirement. If you do not have, do not create new test cases and just say "I cannot find it".

Use Case 2: New Requirement with New Test Cases
want you to create individual test case for each content type - Episode, Movie and Live TV if there are no existing test cases. This is a new requirement "It is about deep link. When user searches for any show from the platform specific search, user should be deep linked to the episode or movie. Post successful authentication, video playback should start. Need to test Episode, Movie and Live TV".

Use Case 3: Identifying Test Cases for existing Requirement
List all the test cases with the requirement "One Recommendation Overlay". Should cover Episode, Live TV and Movie. No need to return test steps and expected results.

Use Case 4: Update existing Test Cases and their steps as needed
There has been a change in implementation of feature Seeking over Ad pods. If user seeks over multiple Ad pods, ads should not start playback. Please update the existing test cases accordingly.

Use Case 5: Creating edge cases that are missing in existing Tests
Refer to the test cases from the section "Search". Based on the test cases for Search, help creating new edge test cases that are missed in the test

Use Case 6: Identifying duplicate tests
Are there any duplicate tests for Test Case "Profile - Switch and UI Layout"

SCREENSHOTS