

Definitely not Jarvis

- Abhijna Raghavendra
- Aditya Rajput
- Kshitiz Kaushik
- Nishkarsh Jain



Agenda



Introduction



Technical
Details



Areas of
Growth



How to
Implement?



Summary

Introduction:

Introducing “**Definitely-Not-Jarvis**” - Your Ultimate Slack Integrated Assistance App!

‘**Definitely-Not-Jarvis**’ is a cutting-edge application that seamlessly integrates with Slack, powered by Clarifai's LLama2 Large Language Model (LLM).

This app is designed to enhance your team's productivity by providing instant and accurate responses to user queries and facilitating smooth communication between team members.

Features:

Advanced Query Resolution: With Clarifai's LLama2 LLM at its core, **Definitely-Not-Jarvis** possesses the ability to understand and interpret a wide range of user queries. Whether it's a technical question, a request for information, or even a casual inquiry, the app can swiftly comprehend the context and deliver accurate responses.

Instant Assistance: Say goodbye to delays in obtaining information. **Definitely-Not-Jarvis** harnesses the power of LLM to provide real-time answers, ensuring that users receive the information they need exactly when they need it. This feature is particularly valuable for time-sensitive queries and situations that demand quick decision-making.

Seamless Slack Integration: Seamlessly integrate it into your Slack workspace as a custom bot. Users can interact with the app by simply mentioning it in a message or directing their queries to it. The app's user-friendly interface makes interaction intuitive, ensuring that both new and experienced users can effortlessly make the most of its capabilities.

Knowledge Base Expansion*: Over time, **Definitely-Not-Jarvis** learns from the questions it receives and continuously improves its responses. It adapts to your team's unique communication style and specific terminology, ensuring that its accuracy and relevance become even more refined with each interaction.

Features:



Team Collaboration: In scenarios where a query requires the attention of a specific team or individual, **Definitely-Not-Jarvis** acts as a liaison. It can seamlessly transfer queries to the relevant team's Slack channel, mentioning the appropriate team members to ensure prompt attention and response.



Customizable Workflows: The app can be customized to align with your team's workflow. Define the types of queries it can answer autonomously and specify the criteria for transferring queries to teams or individuals. This flexibility ensures **Definitely-Not-Jarvis** caters to your team's unique needs.



Analytics and Insights: Gain valuable insights into the types of queries your team receives frequently. **Definitely-Not-Jarvis** provides analytics on query trends, helping you identify areas where additional training or resources might be needed.

Areas of focus

Adding a Semantic Search Option over a directory.

- Develop a method for providing a [semantic search](#) option.
- This can help in preventing generating new queries if certain 'type' of queries are already answered.
- Will integrate the eco-system with both new/past queries.

Fine Tuning of the Model for custom Dataset.

- Various Methods Such as LoRA (Low Rank Adaptation Methods) can be implemented to get model accustomed with custom datasets.

But, who will use it?

For Teams

New team members can easily get upto date and resolve simple queries.

Doubts can easily be solved avoiding blockage due to lack of ease of communication.

Decrease dependency of senior developers and boosting pace of development.

For Clients

Pursue scalable customer service through sustainable strategies

Engage real-time customer care service for enhanced user experience.

Push the queries to the teams when customers aren't satisfied.

For Open Source

Seamless searching through the codebase for easy knowledge transfer.

Smooth issue detection assistance empowering developers to quickly solve issues.

Ease-of-engagement with the codebase for newcomers.

Summary

We aim to streamline communication between development and product teams both internally and externally.

The goal is to smooth-out the process of communication avoiding unnecessary meetings and blockades due to lack of knowledge transfer.

We also intend to embed classification techniques to easily categorize issues and connect with the correct teams.

Thank you