INTRODUCTION

A Large Action Model (LAM) is a sophisticated system developed first by the Rabbit Research Team, designed to revolutionize the way computers and artificial intelligence (AI) systems understand and perform human actions on computer applications.

Introduced on December 3, 2023, Rabbit R1 LAM is a novel approach that seamlessly combines neuro-symbolic programming with state-of-the-art technologies to directly model and comprehend the intricate structure of various applications and the actions performed on them. So, let's understand LAMs as a concept. We will hear a lot about this term in the near future.

NEED OF THE TOPIC

- **Healthcare:** Patient monitoring and diagnosis support.
- **Consumer Electronics:** Personalized user experiences in devices such as Rabbit R1
- **Robotics:** Enhancing automation and human-robot interaction.
- **Interactive Learning and Education:** Understand student behavior and curate the learning experience
- **Retail and Customer Service:** Analyze the customer experience in a supermarket and create a personalized customer experience
- **Content Creation and Media:** Enhance the ability to create adaptive content

LITERATURE REVIEW

Large Action Model (LAM) is not just a model but a groundbreaking paradigm shift in how AI systems understand and execute human actions on computer applications. Its innovative approach, dedication to responsibility, and vision for the future make LAM a pivotal advancement in the field of artificial intelligence.

Rabbit made waves at CES 2024 by introducing the R1, a compact AI companion designed to make your digital life easier. Unlike traditional AI apps tied to smartphones, Rabbit's R1 is a standalone device crafted for natural language searches, freeing you from juggling multiple apps. Priced at $199, this pocket-sized wonder utilizes a Large Action Model (LAM) to simplify tasks.

DETAILS OF THE TOPIC

A Large Action Model is a model that can take actions by what you prompt to it. According to the Rabbit R1 keynote, LAMs are capable of understanding any sort of user interface and navigating through it just like a human being.