

TECH TRENDS

Application

CPIT-280

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What is Teach Trend?

The "**Teach Trend**" app offers personalized tech news feeds sourced from reputable sources, with AI-summarized articles for user convenience. Users can discuss, share opinions, and bookmark articles. It enhances accessibility and relevance of tech information for developers.



Problem

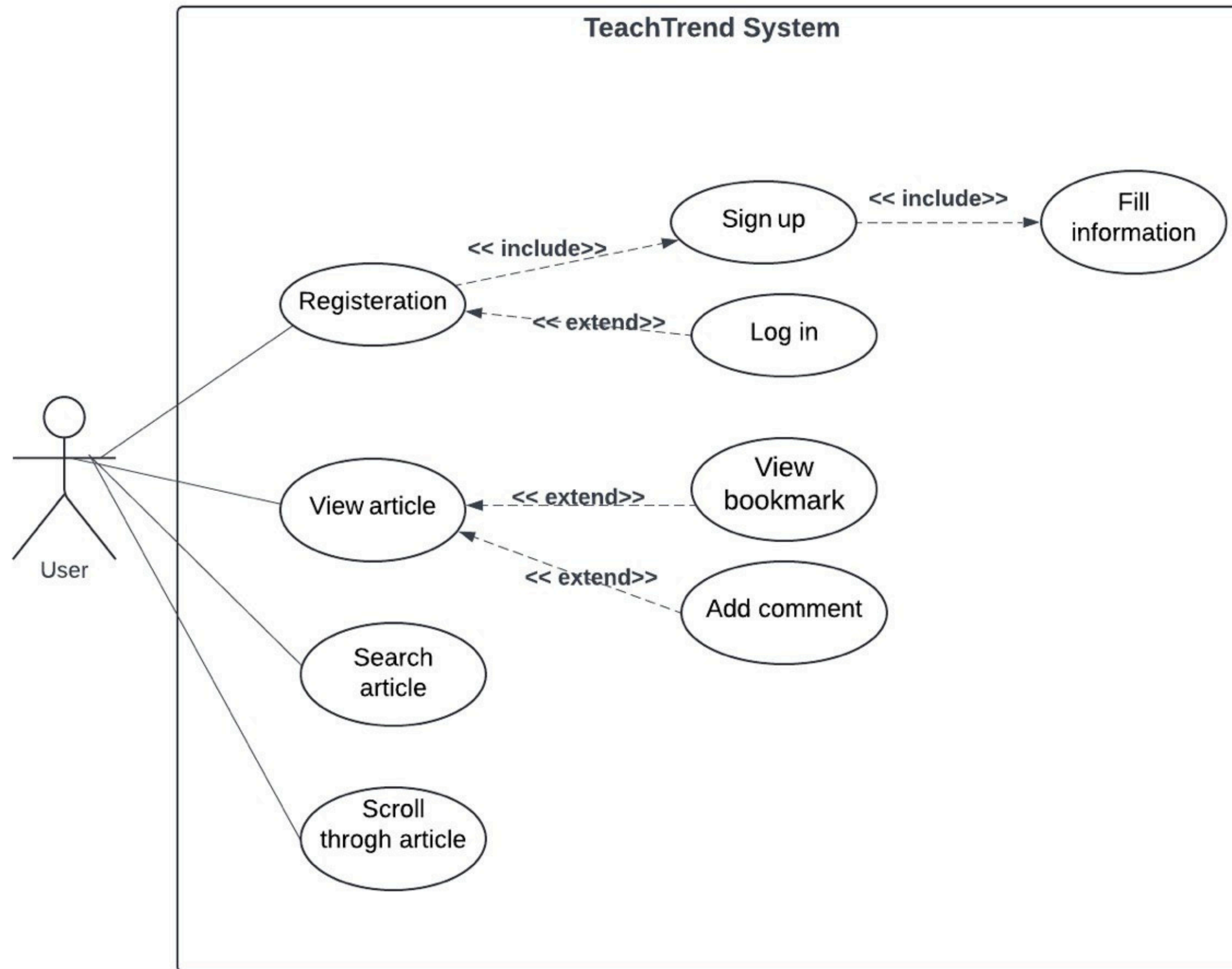
The problem is the overwhelming volume of tech information, making it tough for developers to stay updated.

Solution

App that provide personalized feed of high-quality tech knowledge sourced from specialized developer content. It keeps the community informed and updated daily on technology advancements.

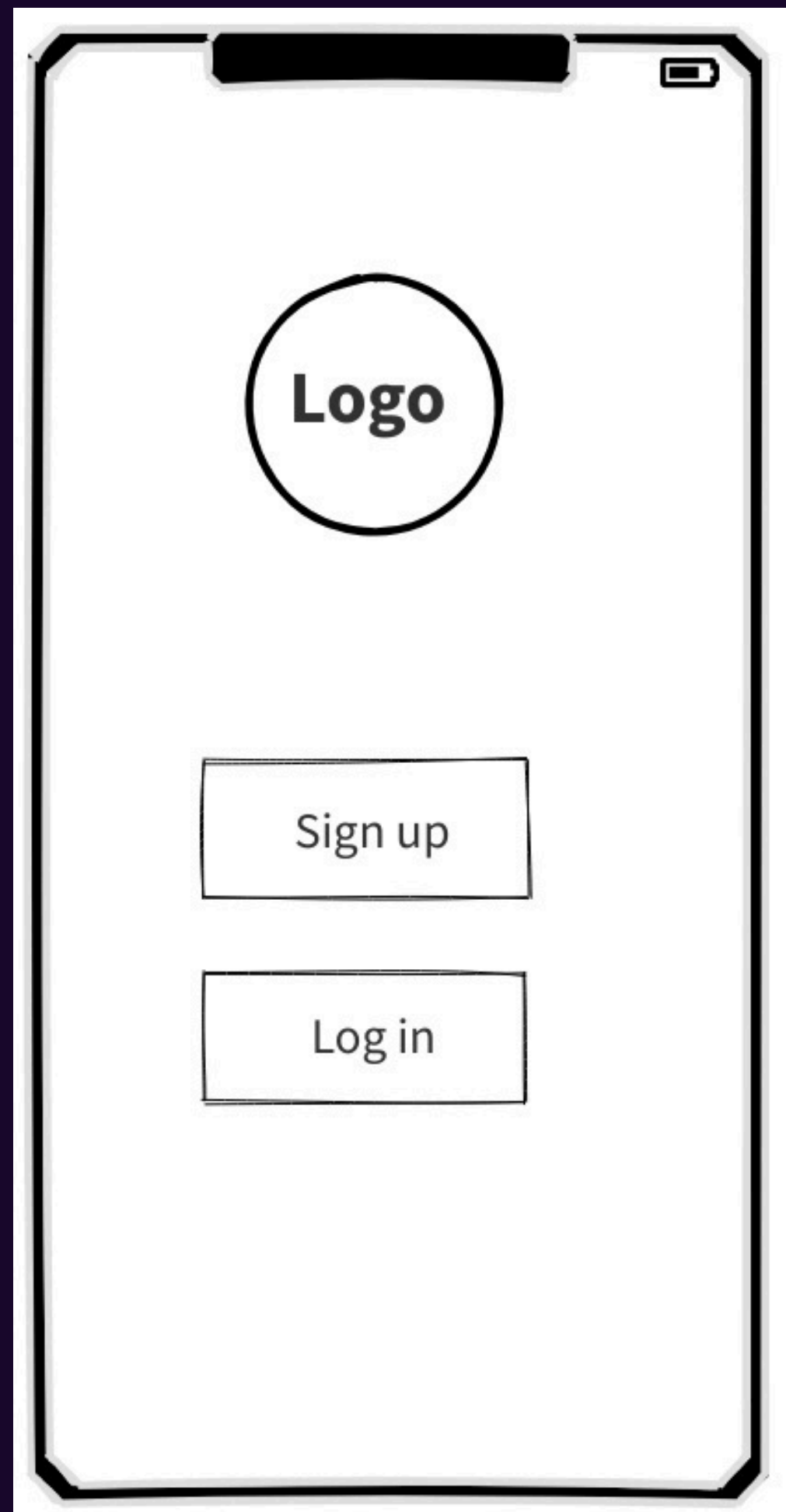
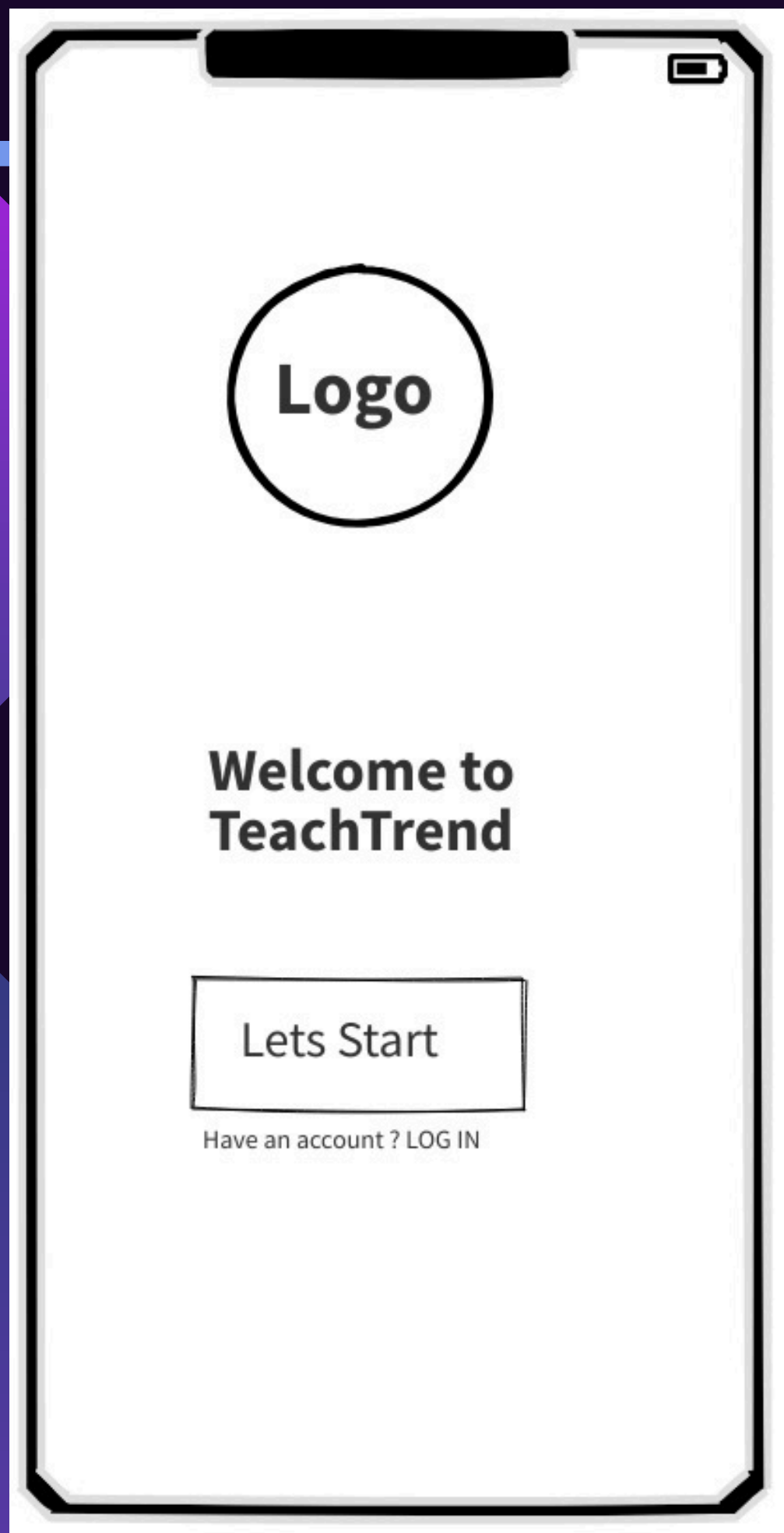


Use Case Diagram





Low Fidelity Prototype



Logo

Log in

Username

Password

Forget password?

Remember me ☒

Log in

Or log in with

G+

f

X

in

Hello, Teach Lover!

For youPopularLatest newsBookmarks

What is AI?

AI, or Artificial Intelligence, refers to the simulation of human intelligence processes by machines, especially computer systems. It encompasses a wide range of techniques and approaches aimed at enabling computers to perform tasks that typically require human intelligence. AI systems are designed to perceive their environment, learn from experience, and make decisions or take actions to achieve specific goals. There are several key components and

commentslike

What is IOT?

IoT, or the Internet of Things, refers to the network of physical objects or "things" embedded with sensors, software, and other technologies to connect and exchange data with other devices and systems over the internet. These objects can range from simple household appliances and wearable devices to complex industrial machinery and infrastructure components.

commentslike

What is AI?

Articlecommentssimilar

AI, or Artificial Intelligence, refers to the simulation of human intelligence processes by machines, especially computer systems. It encompasses a wide range of techniques and approaches aimed at enabling computers to perform tasks that typically require human intelligence. AI systems are designed to perceive their environment, learn from experience, and make decisions or take actions to achieve specific goals. There are several key components and approaches within AI:
Machine Learning: A subset of AI that enables machines to learn from data without being explicitly programmed. Machine learning algorithms use statistical techniques to identify patterns in data and make predictions or decisions based on these patterns.
Deep Learning: A specialized form of machine learning inspired by the structure and function of the human brain's neural networks. Deep learning algorithms, typically organized in layers of interconnected nodes (artificial neurons), can automatically learn hierarchical


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Dev comminate


Article

comments

similar


 **Tommy**
5 min ago

This article very useful!

 View 2 replies

Thank you ,I am happy with you



 **Mohammed**
40 min ago

Where can I learn IOT?

write a comment



 **Polly Grey**
1 heure ago

This is very useful Thank you

write a comment



Discover more


Article

comments

similar

What is chatGPT?

ChatGPT is an AI language model designed for conversational interactions. It's part of the broader GPT (Generative Pre-trained Transformer) series developed by OpenAI. Essentially, it's a program trained on a diverse range of internet text, allowing it to generate human-like responses to text inputs. It's often used for tasks like answering questions, engaging in dialogue, generating content, and more.

 41 comments

 3000 likes

What is Machine learning?

Machine learning is a subfield of artificial intelligence (AI) that focuses on the development of algorithms and statistical models that enable computers to perform tasks without being explicitly programmed for each task. Instead of relying on explicit instructions, machine learning algorithms learn patterns and insights from data, allowing them to make predictions, classifications, or decisions based on new or unseen data.

 32 comments

 5400 likes



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Latest news

Bookmarks

JavaScript

JavaScript is a high-level, interpreted programming language primarily used for creating interactive and dynamic content on web pages. It is one of the core technologies of the World Wide Web, alongside HTML and CSS. Here are some key points about JavaScript: Client-Side Scripting: JavaScript is primarily used for client-side scripting, meaning it runs on the user's web browser rather than on a web server. This allows developers to create

 45 comments

 23000 likes

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 60 comments

 5800 likes





High Fidelity Prototype

Our prototype:





Usability Test

Define your goals :

Our main aim with usability testing is to make sure our product is easy for users to use. We do this by testing it thoroughly to find and fix any problems that might make it hard to use

Task :

- 1- Access the article details .
- 2-Add an article to your bookmark for later reference .
- 3- Explore and join communities relevant to your interests .

participants:

Our usability testing methodology involves conducting in-person interviews with three participants, facilitated by a moderator. This approach allows us to gather valuable feedback directly from users in a controlled setting, ensuring a diverse range of perspectives. The interviews help us observe user interactions, understand their thoughts and preferences, and inform our design decisions and improvements

Questions:

1. On a scale of 1-10, 1 being very difficult and 10 being very easy, how would you rate your experience?

Participant 1: 10

Participant 2: 8

Participant 3: 10

Why? Can you elaborate?

Participant 1: Straightforward browsing

Participant 2: Some of the buttons looked the same to me

Participant 3: User-friendly navigation

Questions:

2. Was any part of the task confusing?

Participant 1: The design was easy to understand, but I didn't know the difference between Popular and last's new

Participant 2: easy and clear

Participant 3: The app was user-friendly and easy to understand. It would be even better if we could have private chats with article authors to get more information

3. What is your impression of the visual design?

Participant 1: I liked the dark mode and found it suitable for technicians.

Participant 2: The color of the design is appropriate and beautiful.

Participant 3: The rounded corners in the application's design added a delightful touch. They brought a refreshing and visually appealing element to the overall look, enhancing the user experience in a positive way.

speed of performance and rate of errors:

Task	Trainer name	Duration	Completion	Number of errors (type)	Rate of error per
Access the article details.	Sara	8 s	Yes	1	10%
	Amal	6 s	Yes	1	
	Mona	6 s	Yes	0	
Add an article to your bookmark for later reference.	Sara	2 s	Yes	0	5%
	Amal	2 s	Yes	0	
	Mona	3 s	Yes	1	
Explore and join communities relevant to your interests.	Amal	9 s	Yes	0	5%
	Amal	10 s	Yes	0	
	Mona	8 s	Yes	1	

Future work

Offline Reading: Enable users to download articles for reading offline, so they can access content without an internet connection. Multi-language Support: Add more languages to the application, allowing users from different regions and language backgrounds to access and engage with content in their preferred language. Virtual Collaboration Spaces: Create online spaces where users can collaborate on projects, share ideas, and work together on technology initiatives, fostering a sense of community and connecting like-minded individuals.

Conclusion

In conclusion, "**Teach Trend**" offers a streamlined solution for developers to stay informed about tech trends. With personalized news feeds and AI summarization, users can efficiently access relevant information. The app's community features foster collaboration and discussion, enhancing the learning experience. I hope it becomes an essential tool for developers navigating the ever-evolving world of technology.



**Thank you
For listening**