

A collage of educational and creative items on a dark blue background. It includes a top-down view of a circuit board with orange and teal components, a stack of books with teal and orange spines, a green pencil holder containing three pencils (teal, light blue, and orange), a pink and teal laptop keyboard, a potted plant with long, thin, variegated leaves in a pink pot, and a white smartphone with a teal and pink case.

EDU EXPLAINER

PRESENTED BY:
TEAM EDUGENIUS MAVERICKS

TEAM MEMBERS DETAILS

TEAM LEAD : M.SANJANA(JBIET,BTECH,AIML)

TEAM MEMBERS:

G.SOUJANYA(JBIET,BTECH,AIML)

B.JAYANTH(JBIET,BTECH,AIML)

T.HARSHITHA(JBIET,BTECH,AIML)



Hackathon

TEAM MEMBER ROLES AND CONTRIBUTIONS



Researched and implemented the coding and data retrieval components, ensuring the functionality and accuracy of the website.



Contributed to the development of coding and data retrieval, focusing on optimizing and improving data-related functionalities.



Led the design and user interface efforts, shaping the visual elements, layout, and user experience of the website.



Assisted in designing the user interface and background features, enhancing the aesthetic appeal and user-friendliness of the website.

PROBLEM STATEMENT

In today's digital age, educators face the challenge of engaging and captivating students in an increasingly distracted world. Our project, 'EDU EXPLAINER', aims to address this issue by developing an intuitive and user-friendly website.

The primary objective is to empower teachers to effortlessly generate captivating 'INNOVATIVE' information for any given topic. This tool will not only enhance the quality of classroom discussions but also foster a more engaging and interactive learning experience for students, ultimately transforming traditional teaching methods. Join us on this journey as we revolutionize the educational landscape and empower educators with the tools they need to inspire and educate the leaders of tomorrow.



OUR SOLUTION - EDU EXPLAINER

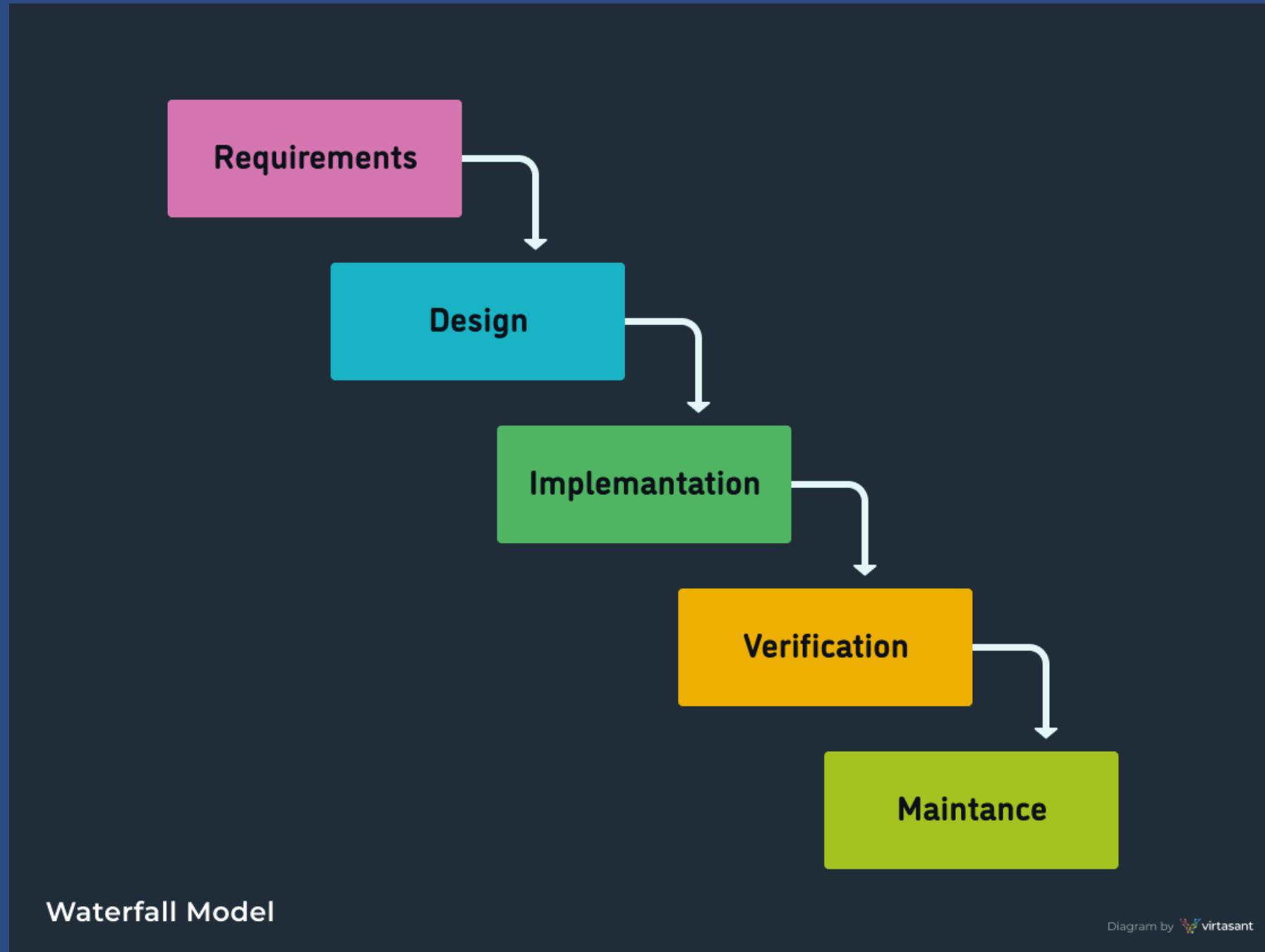
Our web app “EDU EXPLAINER” provides a facility for teachers to explain the topics to students in more creative and interesting way.

- This enables students to improve focus on studies as our website provides the information in more interesting way.
- This is a user friendly website that gives teachers the hook for any topic they want.



METHODOLOGIES

- HTML
- CSS
- JAVA SCRIPT
- API'S



SUSTAINABILITY DEVELOPMENT GOALS: EDU EXPLAINER

- The sustainability development goal of our web app is to empower educators with a boundless wellspring of innovative knowledge, fostering a dynamic and enriching learning environment for students.
- By providing a platform that generates fresh and captivating content for any subject, our web app contributes to Quality Education.
- It supports the creation of inclusive and effective learning experiences, ensuring that no student is left behind.
- In doing so, our web app champions the global pursuit of equitable, accessible, and inspiring education, igniting the spark of curiosity and understanding in learners of all backgrounds.

NOVALITY: EDU EXPLAINER

Transformative Content Generation: Our web app leverages cutting-edge technology to transform complex topics into engaging and easy-to-understand content, making learning innovative and enjoyable.



FEATURES - EDU EXPLAINER

- Input through voice.(user can give input through speak now option).
- Creative content(our app generates creative content which makes the learning process more easy and interesting).
- Read text option(after generating output it reads aloud the content it Generated).
- Stop reading(user can stop the app from reading the content whenever they want to).
- related image generaion(our app generates the related image to the content).
- Save the files offline(User will be able to save the previously searched options offline,they can access the data whenever they want to).



Dynamic and Up-to-Date Information : It offers a continuous stream of fresh and relevant information, keeping pace with the ever-evolving knowledge landscape and ensuring that students and teachers are always in touch with the latest insights.

Empowering Educators and Inspiring Learners : By providing a platform for teachers to explain topics innovatively and helping students grasp concepts more effectively, your website is a game-changer in the field of education, fostering a love for learning and promoting quality education.

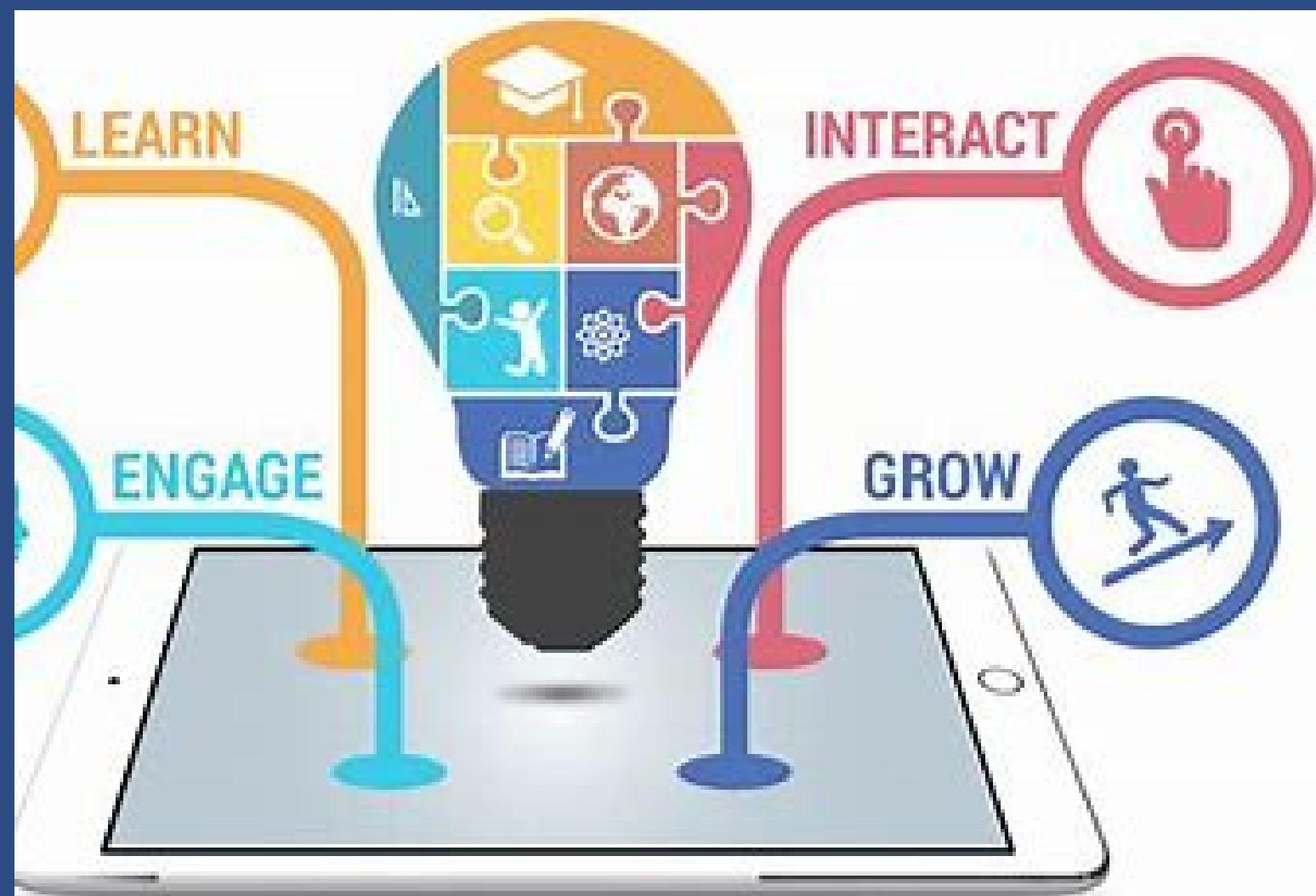


- Related image generation : when compared to all other educational chatbots our app eduexplainer gives user the realted image about the topic.
 - Input through voice facility : Besides typing about topic the user wants to search they can also give input in voice format.
 - Read text option : After the generation of output our app reads aloud the content provided.



BENEFITS

- TIME EFFICIENCY
- IMPROVED STUDENT ENGAGEMENT
- ENHANCED TEACHING QUALITY
- ADAPTABILITY TO VARIOUS SUBJECTS
- PROFESSIONAL DEVELOPMENT



OUR WEB APP - EDU EXPLAINER

<https://eduexplainer.tiny.site>

SAMPLE OUTPUTS

EDU EXPLAINER

Enter a topic:

Generate Information

Save for Offline

View Saved Articles

Start Speech Input

EDU EXPLAINER

Enter a topic:

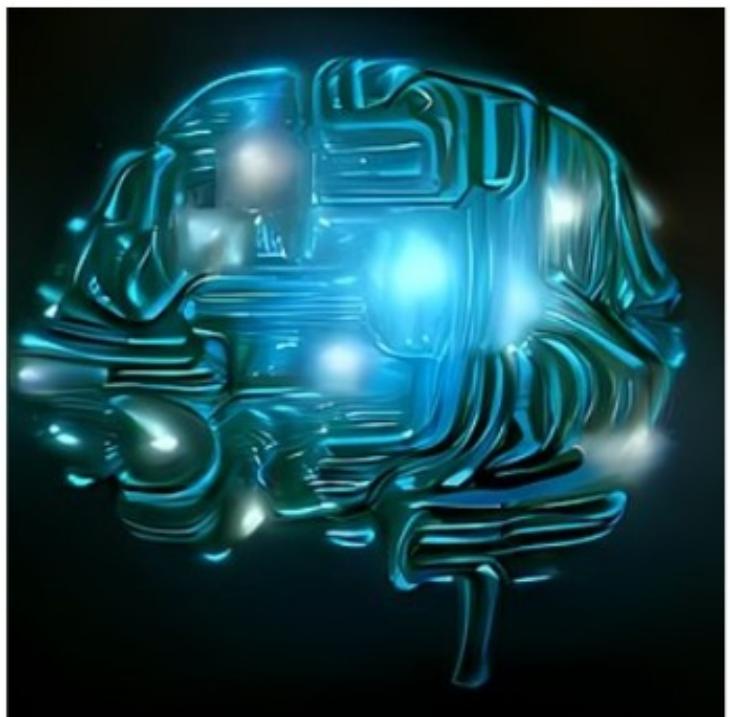
[Generate Information](#)

[Read Text](#) 

[Save for Offline](#) [View Saved Articles](#)

Artificial intelligence

Artificial intelligence (AI) is the intelligence of machines or software, as opposed to the intelligence of humans or animals. It is also the field of study in computer science that develops and studies intelligent machines. "AI" may also refer to the machines themselves.



[Start Speech Input](#)

Saved Article 1

Moon The Moon is Earth's only natural satellite. It orbits at an average distance of 384400 km, about 30 times the planet's diameter. Being tidally locked, it always faces Earth with its near side. This results in the lunar month of 29.5 days matching the lunar day. Exerting gravitational force on Earth, it and to a lesser extent the Sun are the main drivers of the tides.

Saved Article 2

Artificial intelligence Artificial intelligence (AI) is the intelligence of machines or software, as opposed to the intelligence of humans or animals. It is also the field of study in computer science that develops and studies intelligent machines. "AI" may also refer to the machines themselves.

Saved Article 3

Machine learning Machine learning (ML) is a field of study in artificial intelligence concerned with the development and study of statistical algorithms that can effectively generalize and thus perform tasks without explicit instructions. Recently, generative artificial neural networks have been able to surpass many previous approaches in performance. Machine learning approaches have been applied to large language models, computer vision, speech recognition, email filtering, agriculture and medicine, where it is too costly to develop algorithms to perform the needed tasks.

Start Speech Input

CONCLUSION

In conclusion, 'EDUEXPLAINER' represents a pioneering leap forward in the field of education. Our user-friendly web app is not just a tool; it's a catalyst for transformation in classrooms. It empowers educators to captivate and inspire the minds of the future generation by effortlessly creating engaging hooks for any topic. With the gift of time, increased student engagement, improved teaching quality, adaptability to diverse subjects, and ongoing professional development, our project strives to be the ultimate companion for teachers on their quest to ignite the spark of curiosity in their students.

DISCOVER, EXPLORE, LEARN - INNOVATIVELY!

THANK YOU!
WELCOMING YOUR VALUABLE SUGGESTIONS.