

Story Wise

Learn and enjoy.

The Creative Team



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Story Wise:

An innovation approach to combine science and literature for a better understanding and explanation of scientific terms.



Problem Statement

Understanding complex topics can be overwhelming, especially when foundational concepts are unclear.

Recently, I struggled with Object-Oriented Programming (OOP) despite two weeks of study. I faced challenges during a quiz due to my lack of understanding of OOP's core principles. My attempts to grasp the subject through YouTube, challenging lectures, and various articles were met with scientific and complex language, which only deepened my confusion.

As Albert Einstein wisely said, "If you can't explain it simply, you didn't understand it well enough." This experience underscores the need for clear, accessible explanations to build a solid foundation before tackling advanced concepts.



How we're solving it?

After struggling with Object-Oriented Programming (OOP) through complex resources, I asked a friend for a simpler explanation. He compared OOP to a tree, which instantly made sense to me.

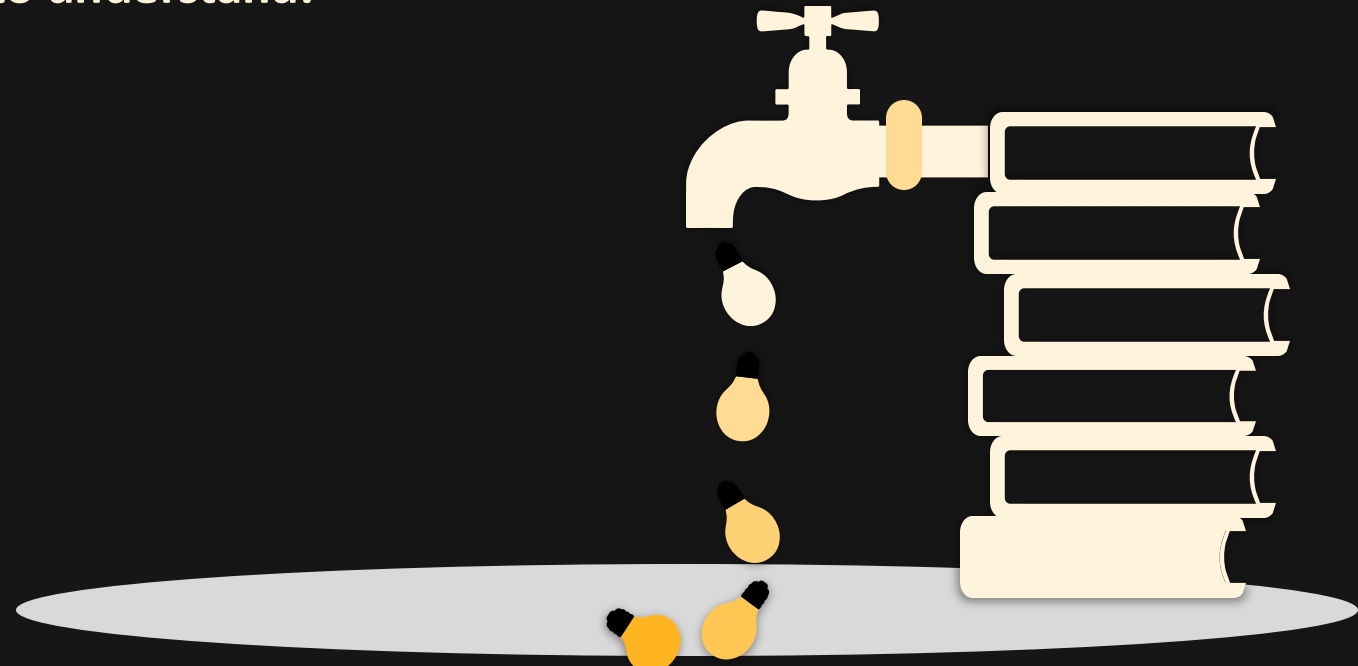
Tree Analogy:

- Visualize as a Tree: The trunk is the core concept, branches are objects, and leaves are attributes.
- Building the Tree: Adding branches and leaves helps represent objects with different properties and methods.

This simple analogy made OOP clearer and easier to understand.

Key Insights:

- Relatable Analogies: Simplify complex concepts.
- Simple Language: Enhances comprehension.
- Calm Approach: Improves learning effectiveness



ARTICLES

Reading and Social Connection:

Book clubs and reading groups are great for making new friends. They offer a sense of community and shared interests. (Source: "The Social Benefits of Reading," Psychology Today)

Reading and Personal Growth:

Books broaden your horizons and deepen self-awareness. They expose you to new ideas and cultures, enriching personal growth. (Source: "The Role of Reading in Personal Development," Harvard Business Review)



Reading and Stress Reduction:

Reading for just six minutes can cut stress by up to 68%! A University of Sussex study found that it lowers blood pressure and heart rate, helping you feel calm. (Source: University of Sussex Study)

Reading and Mental Health:

Books boost memory, focus, and problem-solving skills. They also increase empathy and may lower the risk of depression and dementia. (Source: "The Psychological Benefits of Reading," APA)

Reading and Sleep:

Adding a book to your bedtime routine can improve sleep quality. Reading helps you relax and fall asleep more easily. (Source: "The Impact of Reading on Sleep Quality," Sleep Foundation)

Transforming Learning Into Stories

User Input

Generator

Prompt for generating story

Falcon 180B
Model

Story

- **Objective:**

To simplify complex subjects and make learning enjoyable through relatable and easy-to-understand stories.

- **Concept Overview:**

Our platform makes learning simple and engaging by turning complex topics into stories.

The user submits a prompt, such as "What is coding?"

Our AI creates a short, family-friendly story based on the prompt. The story introduces coding concepts through characters who discuss and demonstrate them in a simple, relatable way. Their dialogue explains key concepts in everyday language, making the topic easy to understand.

- **Result:**

The story provides a clear and engaging overview of the topic, making learning enjoyable and accessible for all.

Why People would like to use our platform?

- **Engagement Potential:**
- **Survey Results:**
- **60% of participants reported difficulties with their school and college life.**
- **Among those struggling, 90% identified that their challenges were due to teaching methods being too scientific. They believed that if teachers used simpler methods related to their immediate environment, their performance would have improved.**
- **Additionally, 100% of participants expressed a willingness to use a platform or application designed to simplify concepts and explain them in a more relatable manner.**

Story Wise	Teachers lectures
Easy to learn	Never learning
Enjoyable	The most boring thing to do
Calms your mind	Breaks you down mentally
Everyone can understand	No one gets it. Even the teacher
You can teach anyone with it	If you take the lectures from the teacher, even he cant teach it
Sticks to your mind for a very long time if not for ever	If you were to hard working to memorize it you'll forget it after the exam is finishes

Enhancing Learning Through AI

1. Generative AI

Learning made engaging and intuitive through stories made by Gen AI model.

2. Falcon 180B

Falcon 180B model with advanced language generation capabilities has a wide range of general text generation features and thus used for generating stories.

3. AI71:

The API hub offered by AI71 offers access to Falcon models via API keys enabling the use of LLM without need for extensive infrastructure.

4. Integration of AI Models:

Recommendation systems and text-to-speech generators can offer personalized learning paths and auditory learning options, catering to diverse learning preferences and needs.

5. Future Upgrades:

Generated stories can be made more contextually appropriate and engaging by using vector embeddings to enhance context for generating stories.



Market Size {Higher Education}

24.2 Billion in 2023

Total Available Market (TAM)

7.26 Billion (2023)

Serviceable Available
Market (SAM)

363 Million (2023)

Serviceable Obtainable
Market (SOM)

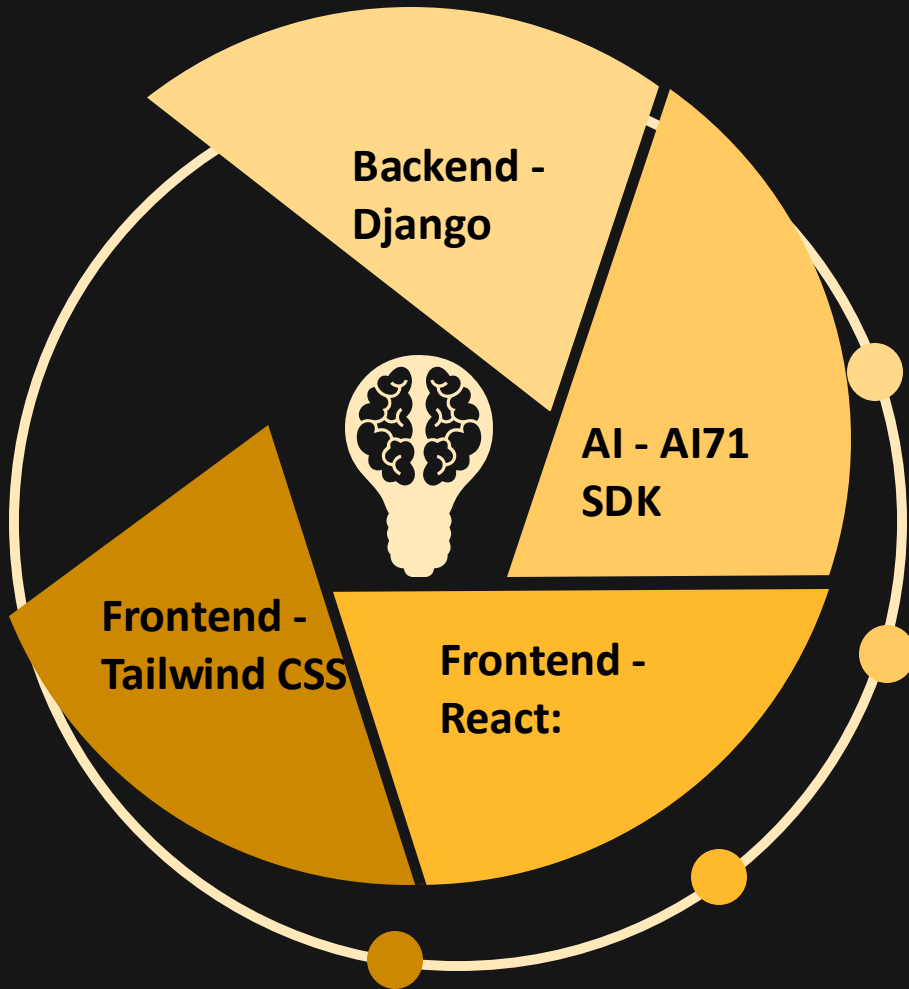
Future Estimated Growth In Higher Education Industry

TAM (2032): \$101.5 Billion

SAM (2032): \$30.45 Billion (assuming 30% of the TAM for online education)

SOM (2032): \$1.52 Billion (assuming capturing 5% of the SAM)

Tech stack



Backend - Django:

- Role: Handles server-side operations, manages data storage, and processes user requests.
- Function: Provides a robust framework for complex operations and ensures secure and efficient interactions with AI and frontend components.



AI - AI71 SDK:

- Role: Integrates the Falcon 180B model to generate engaging educational stories.
- Function: Offers seamless access to advanced language models via API keys, facilitating efficient AI deployment without extensive infrastructure.



Frontend - React:

- Role: Builds a dynamic and interactive user interface.
- Function: Utilizes a component-based architecture to ensure a smooth, responsive, and engaging user experience.



Frontend - Tailwind CSS:

- Role: Styles the application with a utility-first approach.
- Function: Enables custom, responsive designs that enhance the visual appeal and usability of the application.

UPS of Story Wise



1. Engaging Learning Through Stories:

- Utilizes generative AI to create interactive and intuitive educational stories, making complex concepts easier to understand and more enjoyable to learn.



3. Seamless User Experience:

- Features a dynamic frontend built with React and styled with Tailwind CSS, providing a responsive and visually appealing interface for an enhanced learning experience.



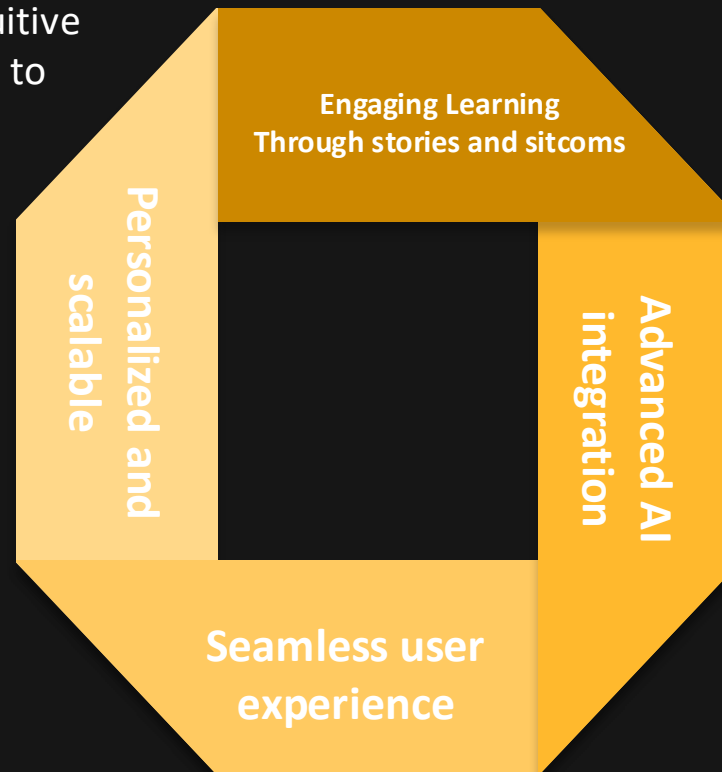
2. Advanced AI Integration:

- Employs the Falcon 180B model via the AI71 SDK, offering state-of-the-art language generation capabilities for diverse and accurate content creation.



4. Personalized and Scalable:

- Includes the potential for integrating additional AI models for personalized learning paths and auditory options, ensuring the platform can cater to diverse learning preferences and scale effectively.



Thank You