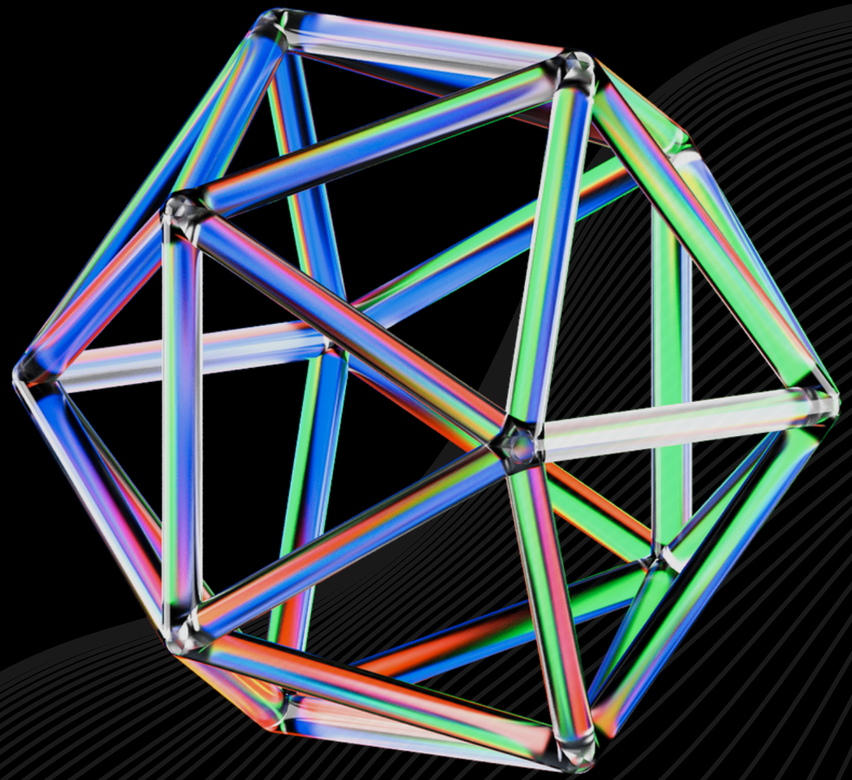
NASA INTERNATIONAL SPACE APPS CHALLENGE

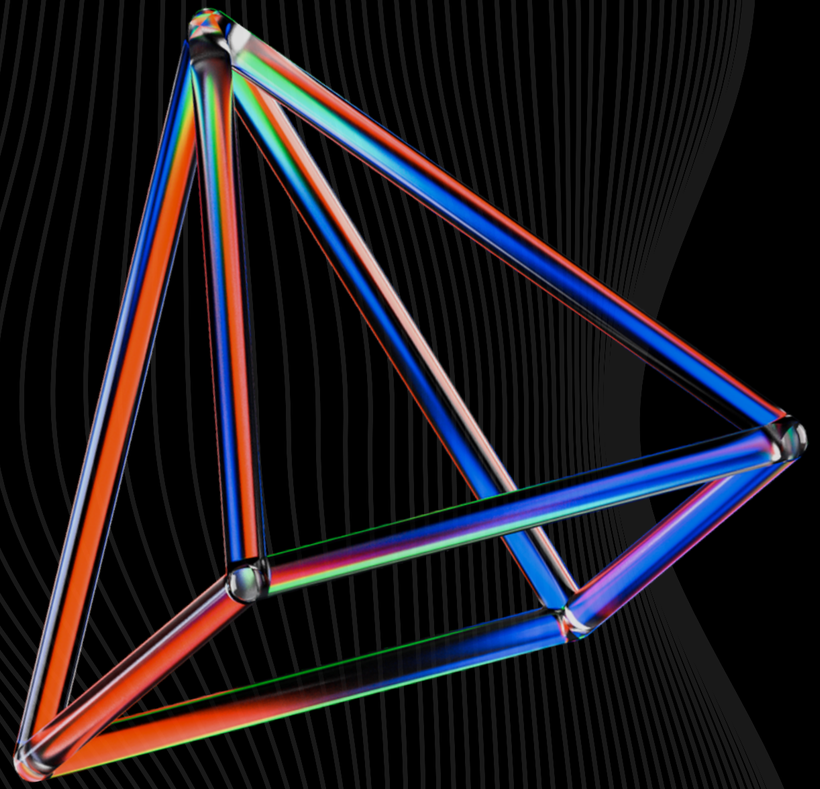
TECNOLÓGICO NACIONAL DE MÉXICO

CHALLENGE:

STAR: REVOLUTIONIZING TECHNICAL STANDARDS WITH AI



SPACE ENJOYERS



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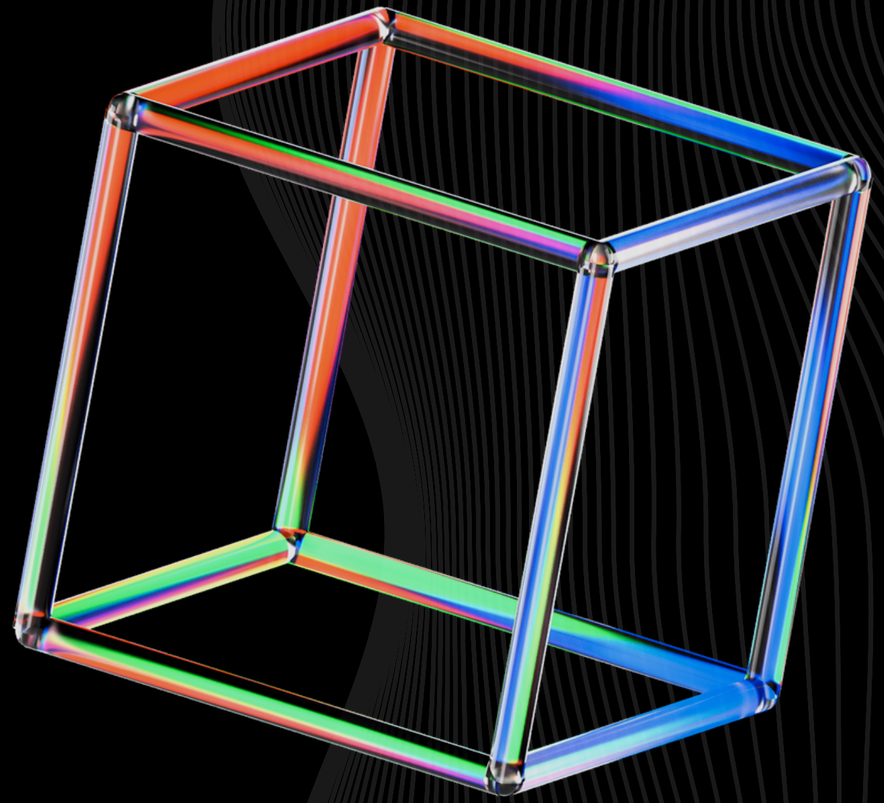
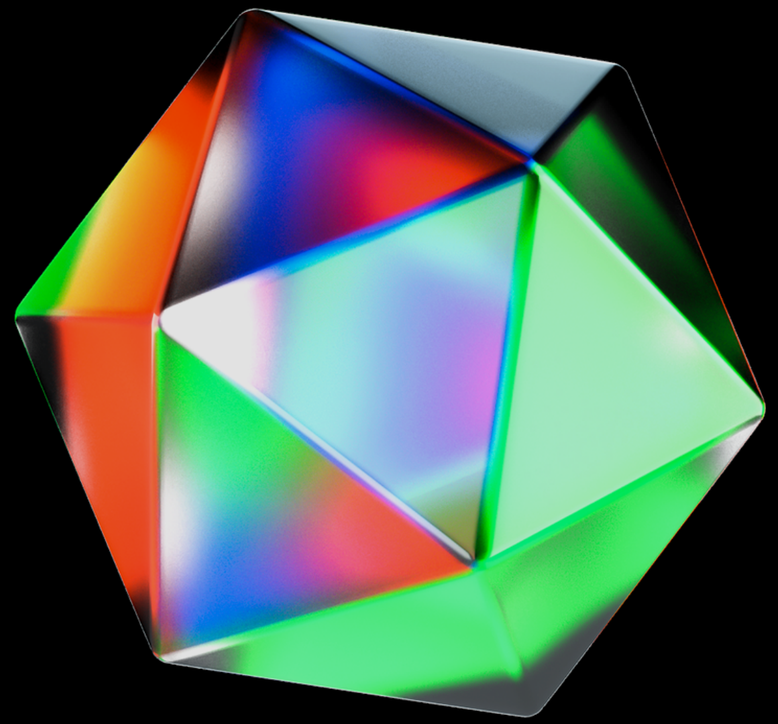
About us

Greetings, space enthusiast! Are you tired of slogging through technical requirements, only to find omissions and inconsistencies that could spell disaster for your mission? What if there was an Artificial Intelligence (AI)-powered app called STAR (Standards Technical Assistance Resource) that could streamline the process and offer requirement recommendations? Your challenge is to develop the approach, code, or procedure for STAR, so that with STAR as a copilot, mission designers can blast off with even greater confidence, knowing that they have the right requirements in place.



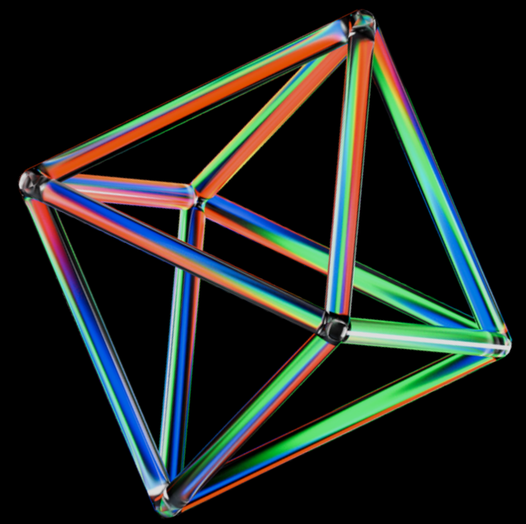
How to solve this problem?

"We employ artificial intelligence that scans the PDF files provided by users to meticulously analyze the context within them. This capability enables us to offer precise suggestions and optimal solutions, potentially leading to more productive ideas or reduced working times for projects that previously required substantial effort. Our platform is web-based and is developed using a range of technologies, including the GPT API, JavaScript, Python, CSS, HTML5, and others."

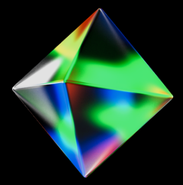


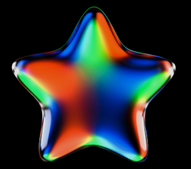
ADVANTAGES

1. **Improved Decision-Making**: Our artificial intelligence provides relevant information and detailed analysis, making informed decision-making easier.
2. **Increased Productivity**: By reducing the time required for tasks and offering more efficient solutions, our services can boost your team's productivity.
3. **Resource Optimization**: AI helps optimize resource allocation, potentially leading to more efficient use of personnel and materials.
4. **Enhanced User Experience**: Our services enhance the user experience by providing accurate answers and useful solutions, which can increase customer satisfaction.
5. **Greater Competitiveness**: By leveraging our AI capabilities, you can maintain a competitive edge in your industry by staying at the forefront of innovation.
6. **Operational Cost Reduction**: Automating tasks and processes can lead to operational cost reductions and increased efficiency.
7. **Improved Accuracy**: Our technology improves accuracy in data and text interpretation, reducing errors and misunderstandings.
8. **Personalization**: We offer customized solutions tailored to the specific needs of each user or project.

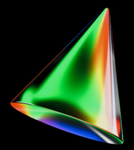


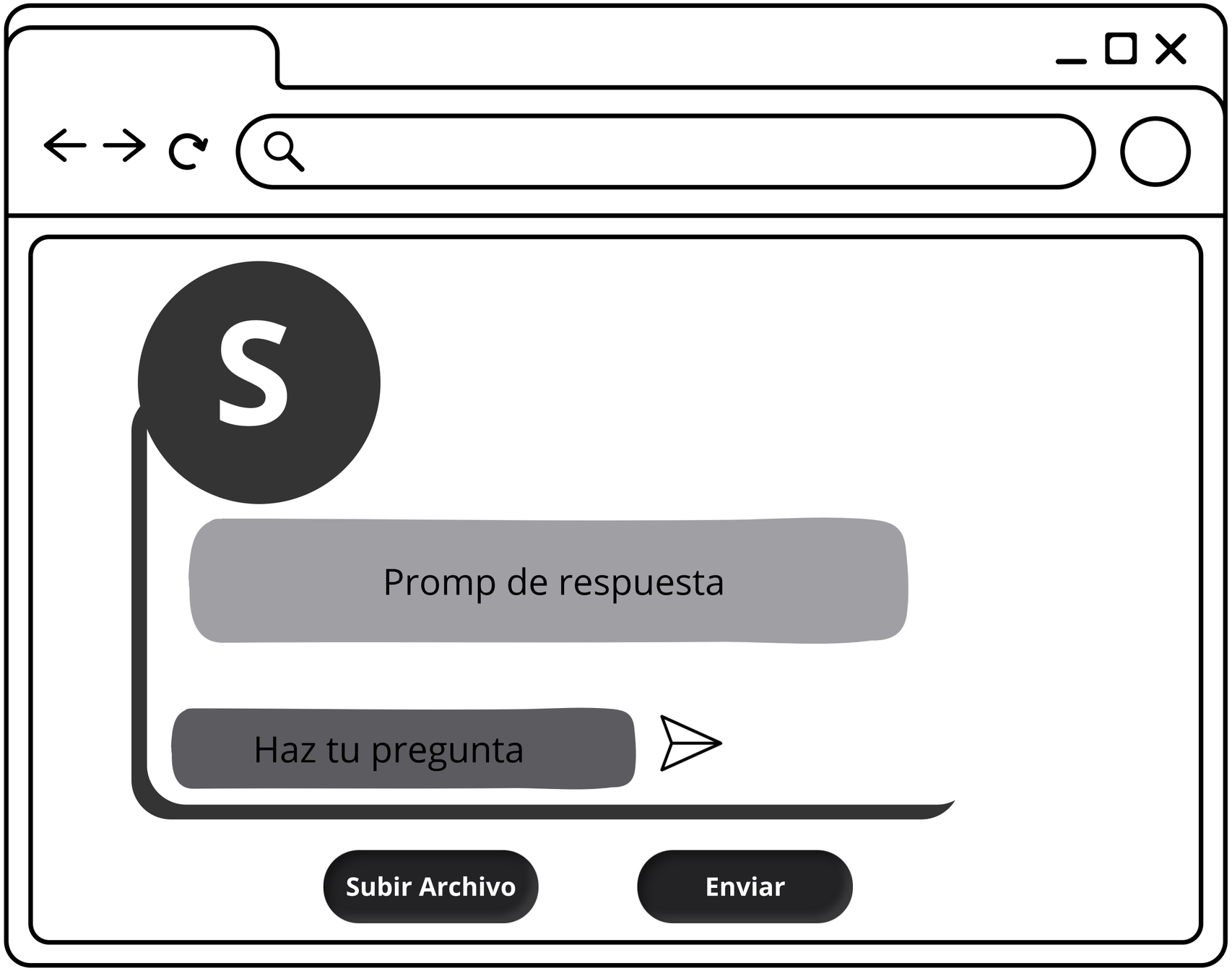
Functionality





"WE EMPLOY ARTIFICIAL INTELLIGENCE THAT SCANS PDF FILES PROVIDED BY USERS TO METICULOUSLY ANALYZE THE CONTEXT WITHIN THEM. THIS CAPABILITY ALLOWS US TO OFFER ACCURATE SUGGESTIONS AND OPTIMAL SOLUTIONS, POTENTIALLY LEADING TO MORE PRODUCTIVE IDEAS OR REDUCED WORK TIMES FOR PROJECTS THAN BEFORE. "THEY REQUIRED SUBSTANTIAL EFFORT. . OUR PLATFORM IS WEB-BASED AND IS DEVELOPED USING A VARIETY OF TECHNOLOGIES, INCLUDING THE AZURE AI SERVICES API, JAVASCRIPT, PYTHON, CSS, HTML5 AND OTHERS."

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Promp de respuesta
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Enviar