

TERA SPACE

CHRONICLES OF EXOPLANET EXPLORATION

VEGA SEPTEMPE

6 - OCT - 2024

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Welcome To Our TERA Space

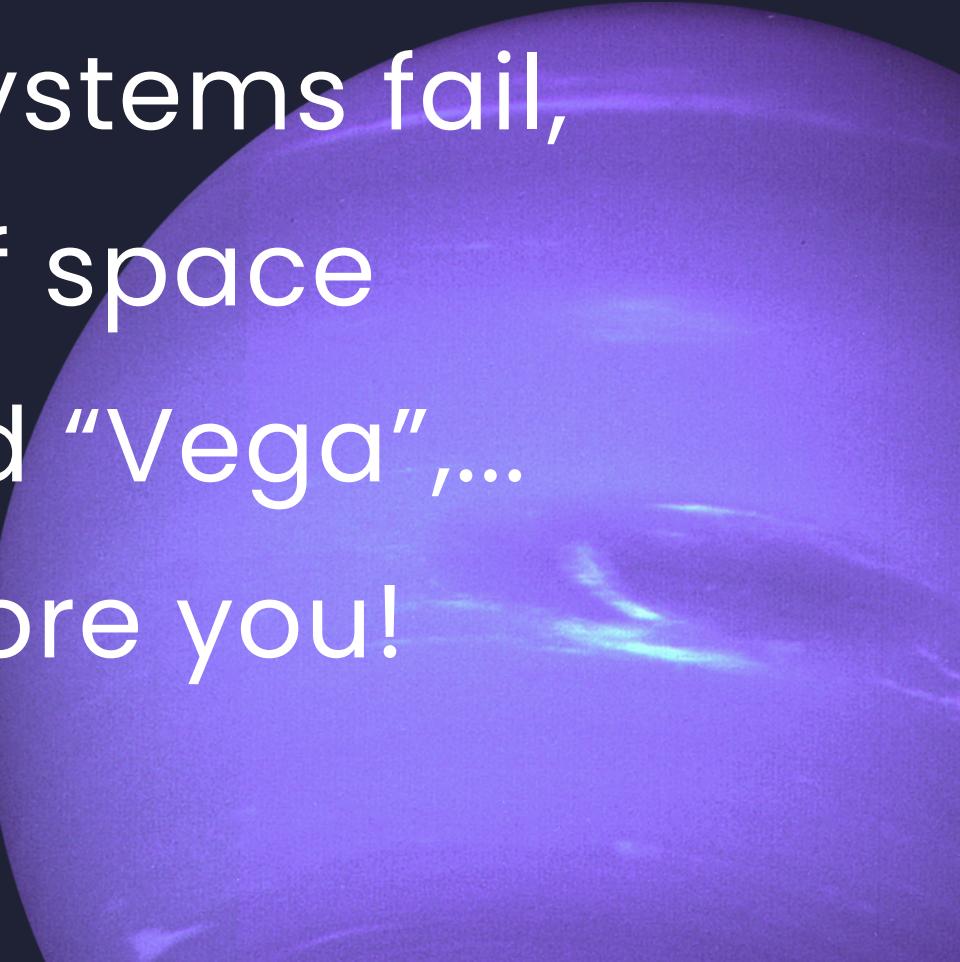
The TERA Space is an innovative educational device designed specifically to provide a unique interactive experience in the world of exoplanets. The device is based on the story of a NASA astronaut who sets off on a journey to test a modern spacecraft, accompanied by an artificial intelligence robot called "Vega". They get into an accident that leads to them being lost in an exoplanetary system, allowing the device to provide an interactive and immersive educational experience.



From here The “Vega” story began

Imagine yourself...

Floating in the vastness of space, alone in your spacecraft, with stars twinkling around you. Your mission? Test a new NASA spacecraft. But suddenly, systems fail, and you find yourself lost in the depths of space accompanied by an intelligent robot named “Vega”,... until a mysterious exoplanet appears before you!



TERA Space Features

- **Custom design with a company and at low cost:** because knowledge should be available to everyone, from all classes and regions.
- **Simple and effective design:** lightweight and small size to reduce production costs and facilitate distribution.
- **Economical techniques:** use of electronic components available at low cost without compromising performance quality.
- **Simple custom control:** controllers with basic features that meet the needs of the educational game.
- **Operating System:** FreeRTOS for efficient resource management and real-time task scheduling.
- **Programming Language:** C/C++ For low-level hardware control and high performance and Python: For quick prototyping and integrating libraries.

TERA Space Componends

1. The Game Section:

- **Decision-based gameplay:** You're in control of your space journey.
- **Real scientific Exploration:** Every planet in the game is based on actual scientific data, prepared in collaboration with space experts.
- **Space Challenges:** Engage in missions and challenges that simulate real-life space exploration.
- **Interactive Space Library:** As you explore planets, you'll learn fascinating facts about space and exoplanets presented in a captivating way.

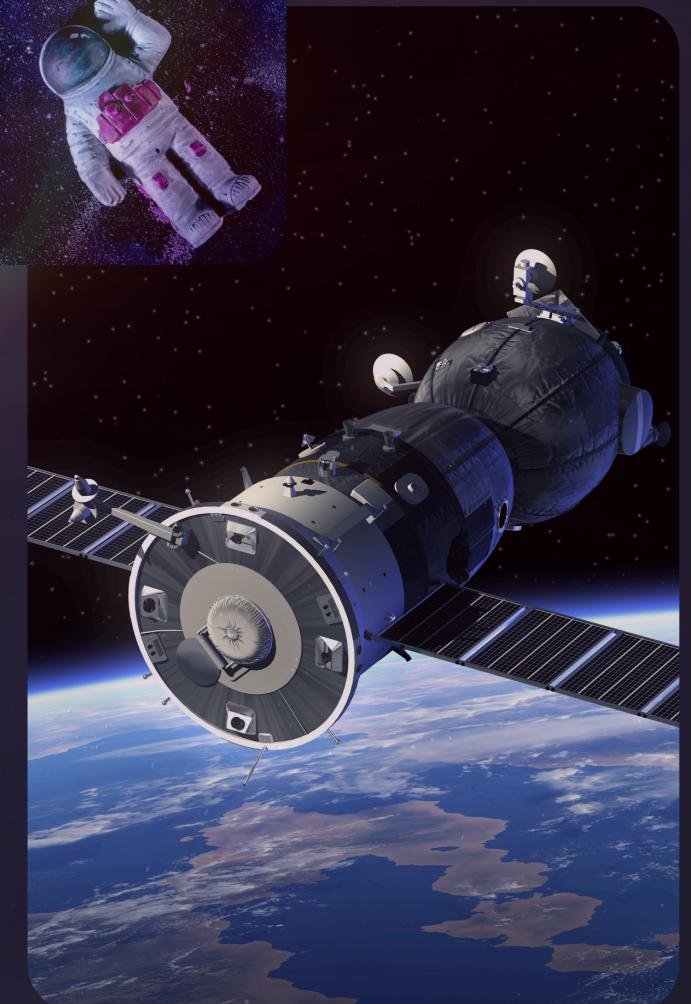
2. Resources Section

3. Educational Videos



Why Is TERA Space Unique?

- **Reliable information:** Accurate scientific information is provided about planets and space phenomena.
- **Active learning techniques:** Enabling players to explore information themselves through problem-solving and critical thinking.
- **Powered by AI voice**
- **Contains multiple languages** to suit each country
- **Gender selection**
- **Age selection** to suit the content for each age group



Why Is TERA Space Unique?

- **Partnership with educational institutions:** The device can be used as an educational tool in schools and educational centers, helping to enhance science and space learning especially in areas with limited resources.
- **Content customization:** Ability to customize educational content according to the curriculum of each institution.

