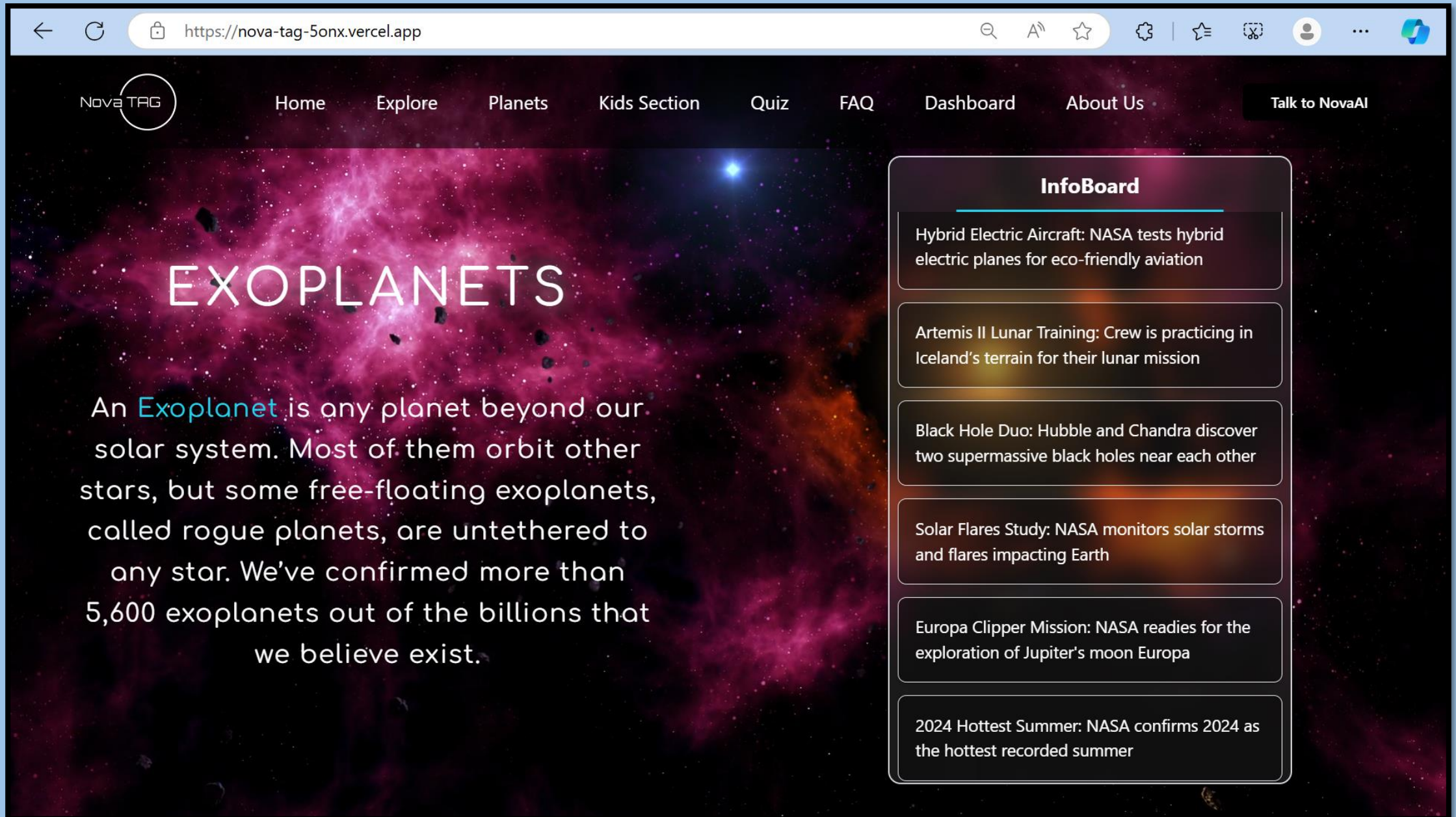


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EXOPLANETS

An **Exoplanet** is any planet beyond our solar system. Most of them orbit other stars, but some free-floating exoplanets, called rogue planets, are untethered to any star. We've confirmed more than 5,600 exoplanets out of the billions that we believe exist.

InfoBoard

Hybrid Electric Aircraft: NASA tests hybrid electric planes for eco-friendly aviation

Artemis II Lunar Training: Crew is practicing in Iceland's terrain for their lunar mission

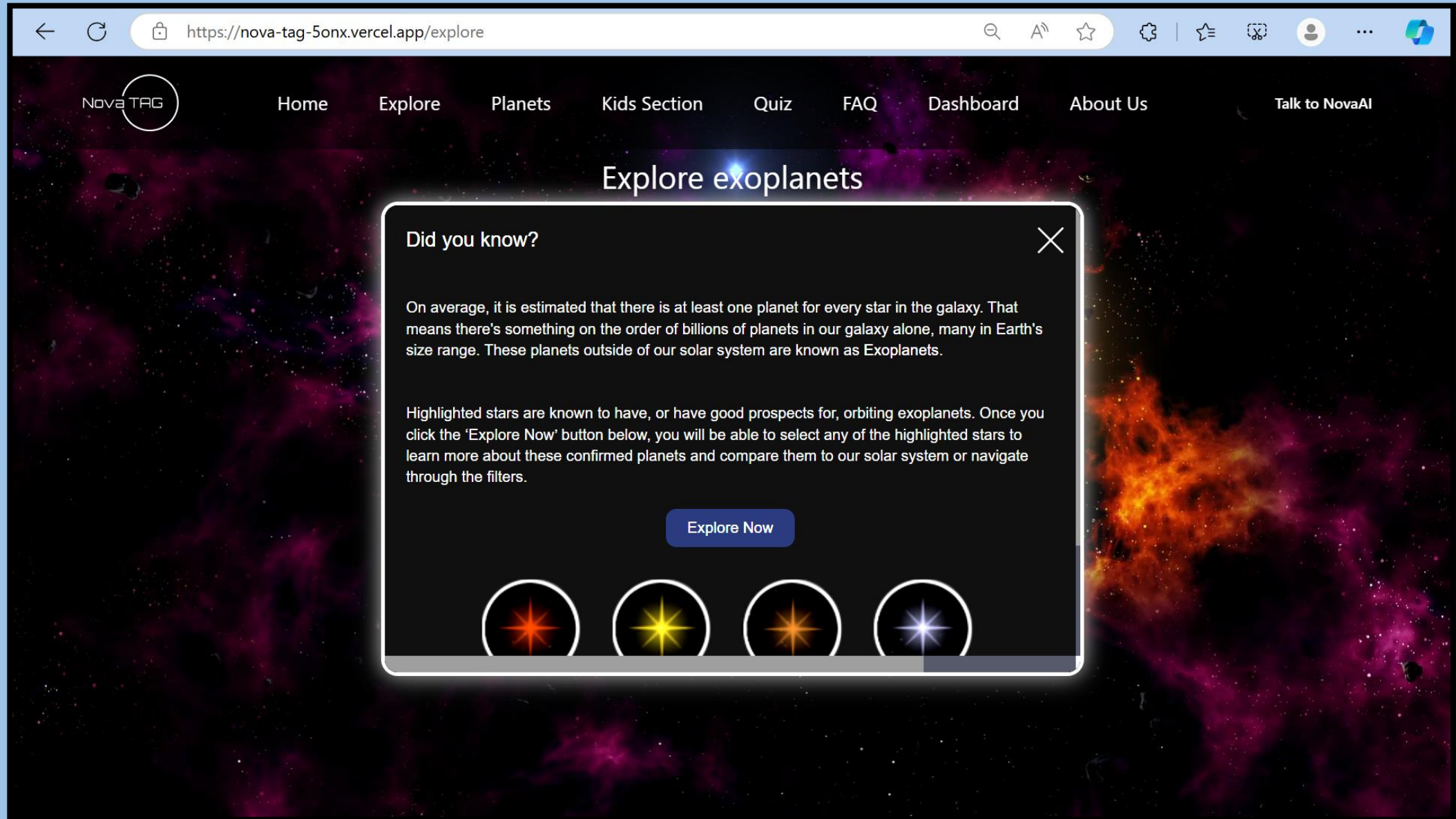
Black Hole Duo: Hubble and Chandra discover two supermassive black holes near each other

Solar Flares Study: NASA monitors solar storms and flares impacting Earth


Europa Clipper Mission: NASA readies for the exploration of Jupiter's moon Europa

2024 Hottest Summer: NASA confirms 2024 as the hottest recorded summer


EXPLORE SECTION



PLANETS SECTION



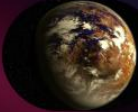
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TRAPPIST-1e

One of seven Earth-sized planets orbiting TRAPPIST-1, TRAPPIST-1e is located in the star's habitable zone, making it a candidate for liquid water on its surface.


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Proxima Centauri b

Proxima Centauri b orbits the nearest star to our Sun and lies within the habitable zone, making it an intriguing target for studying potentially habitable worlds.

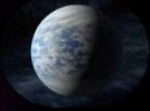
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HD 209458 b (Osiris)

HD 209458 b, also known as Osiris, was the first exoplanet observed in transit. It has been


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Kepler-452b

Kepler-452b is known as Earth's older cousin. It orbits within the habitable zone of a star similar to our Sun, making it one of the best candidates for studying Earth-like conditions.


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GJ 1214 b

GJ 1214 b is a "super-Earth" with a thick atmosphere of gas or water, and it has been a key focus for studying the composition of exoplanet atmospheres.

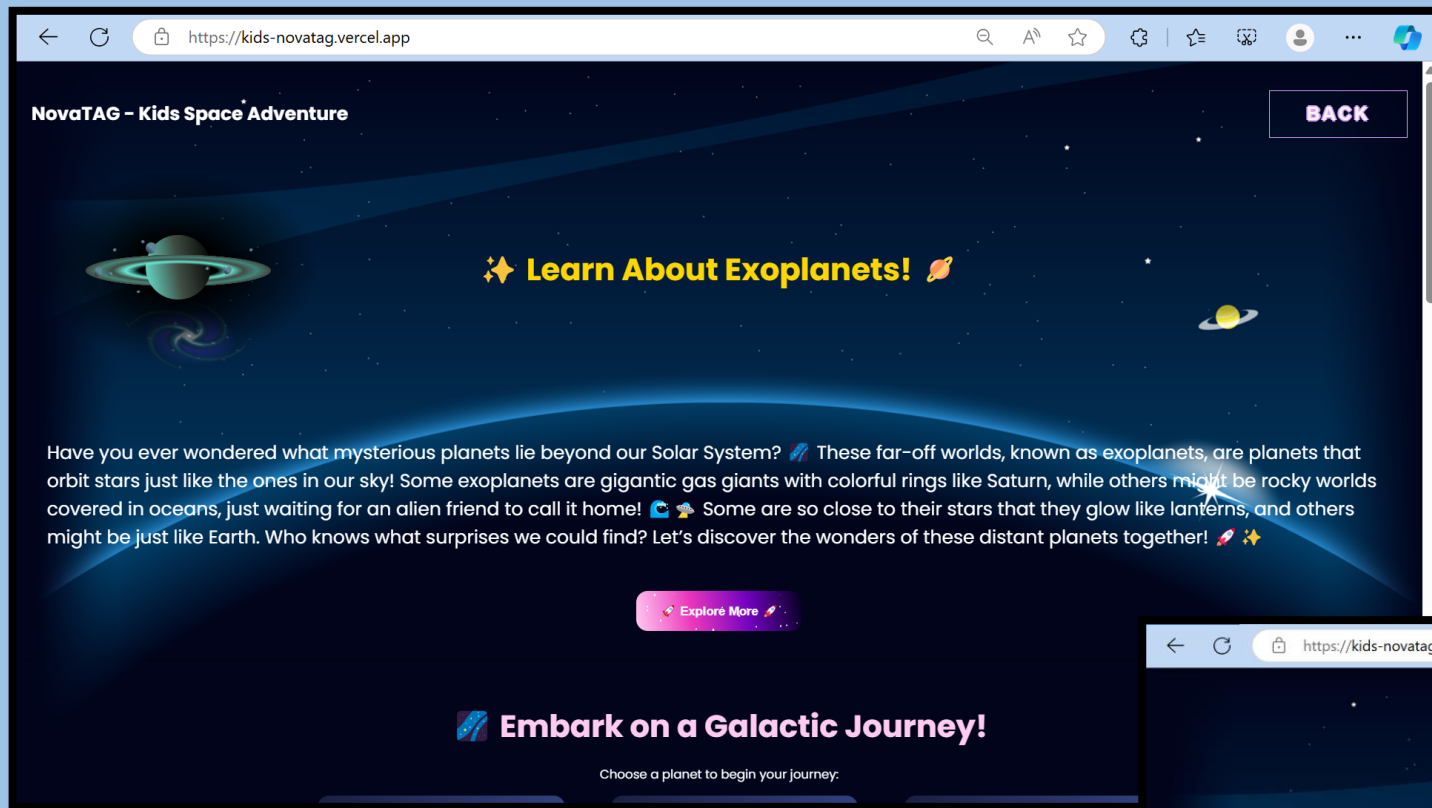
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WASP-12b

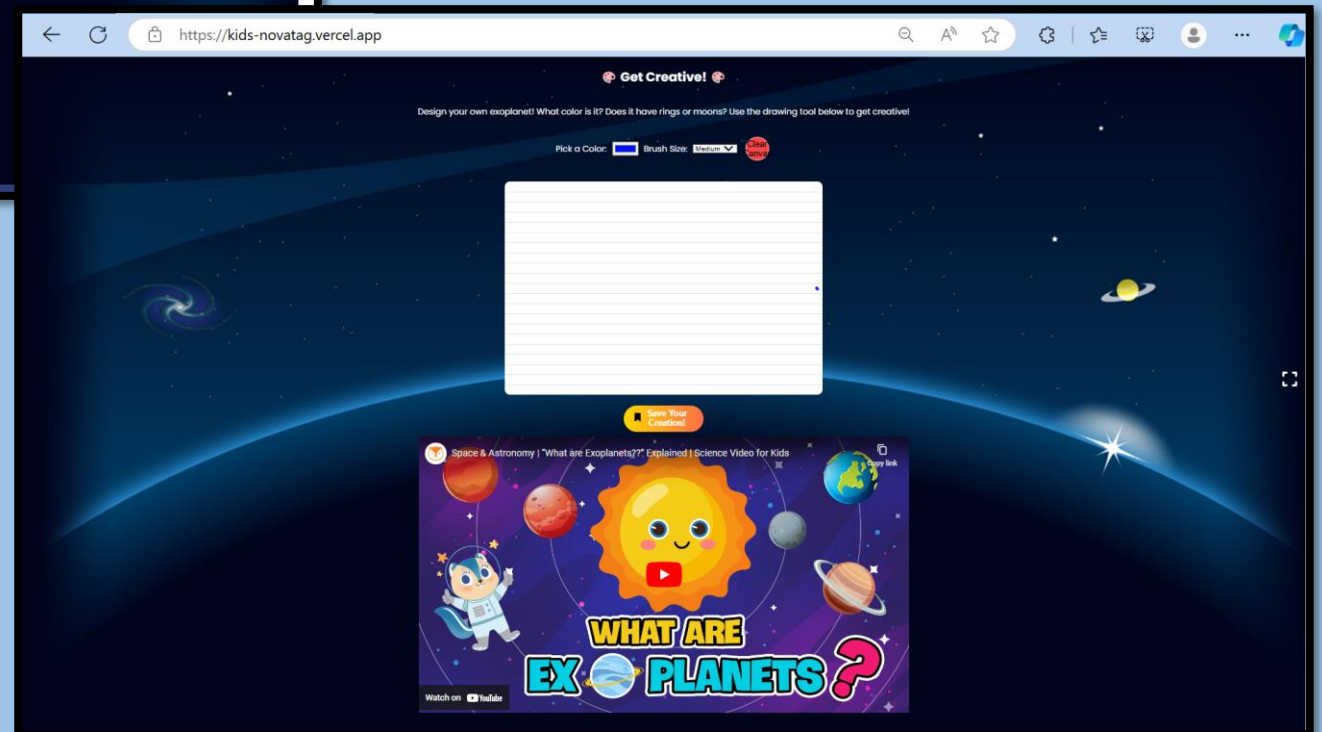
WASP-12b is a "hot Jupiter" with an extremely close orbit to its star, resulting in high surface temperatures and an atmosphere slowly being consumed by its host star.

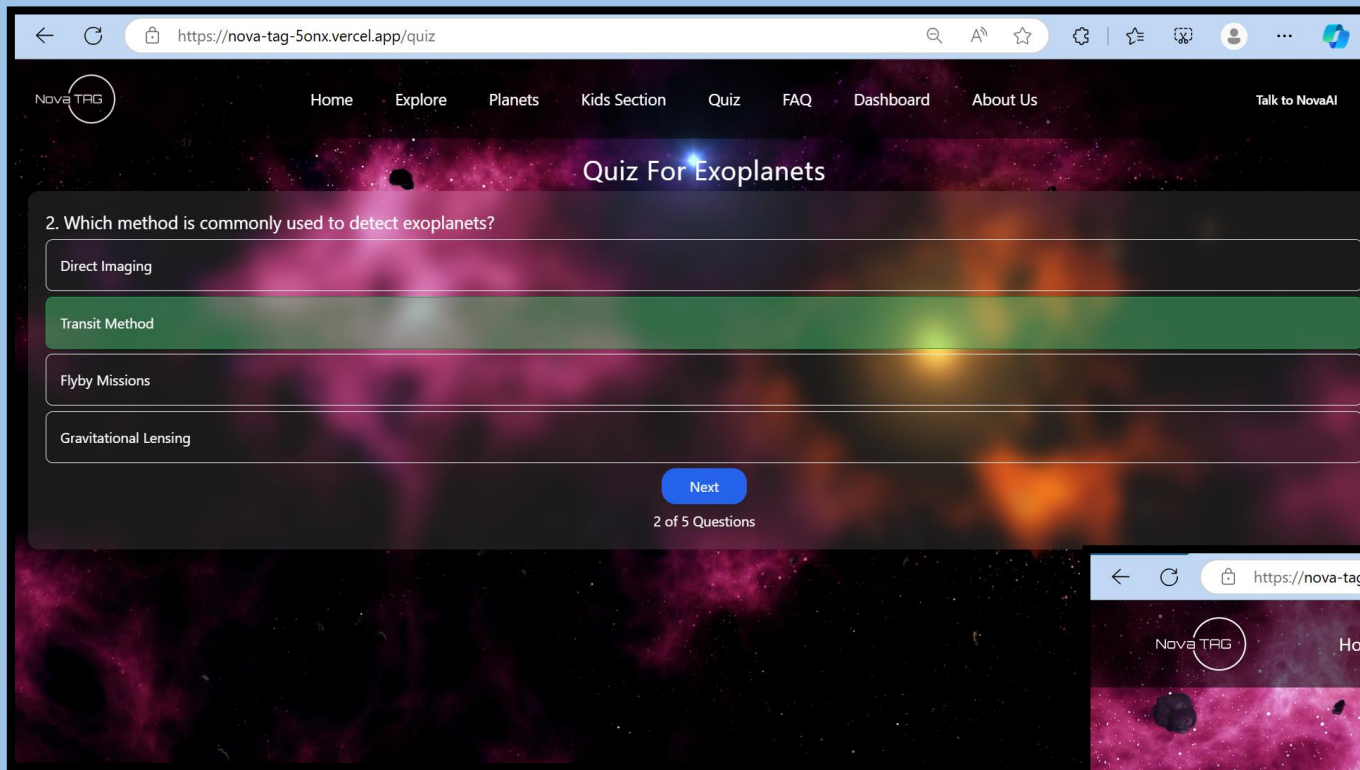
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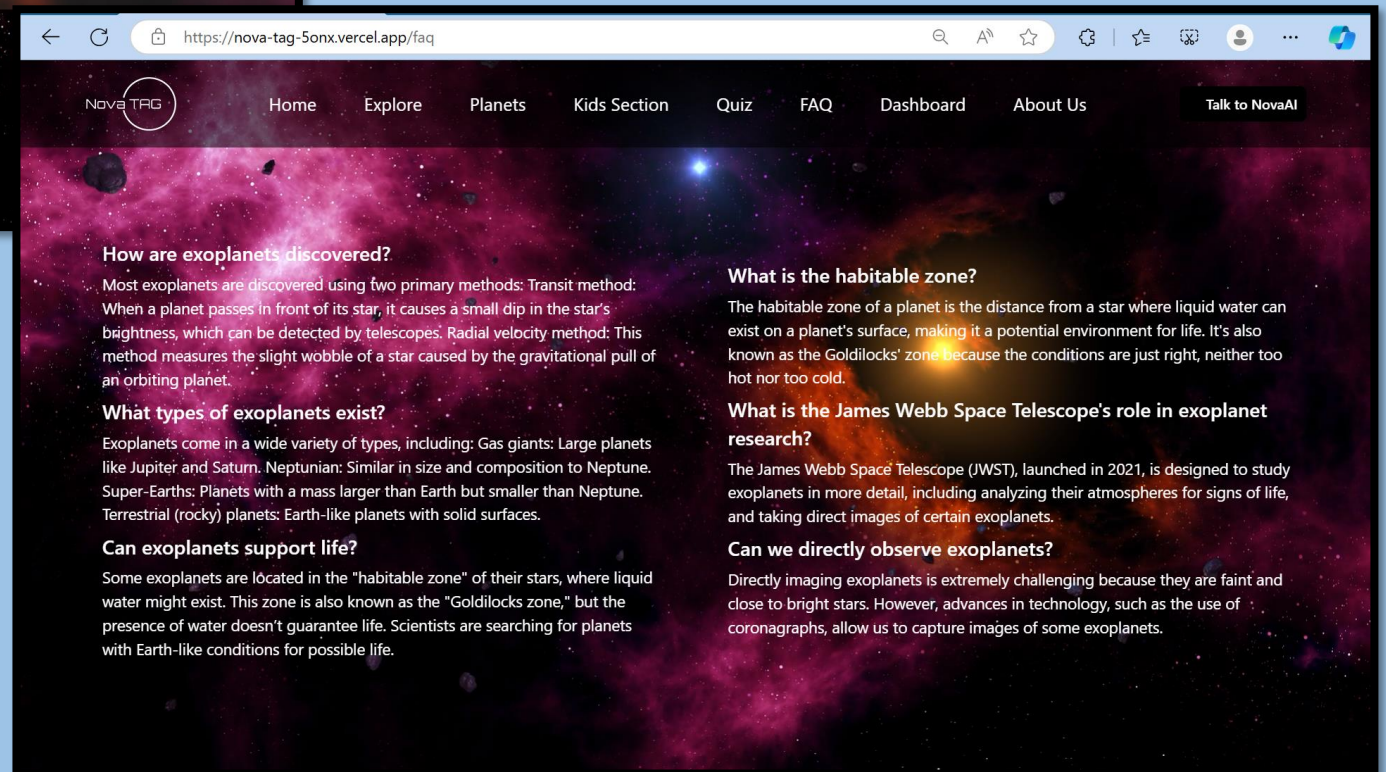
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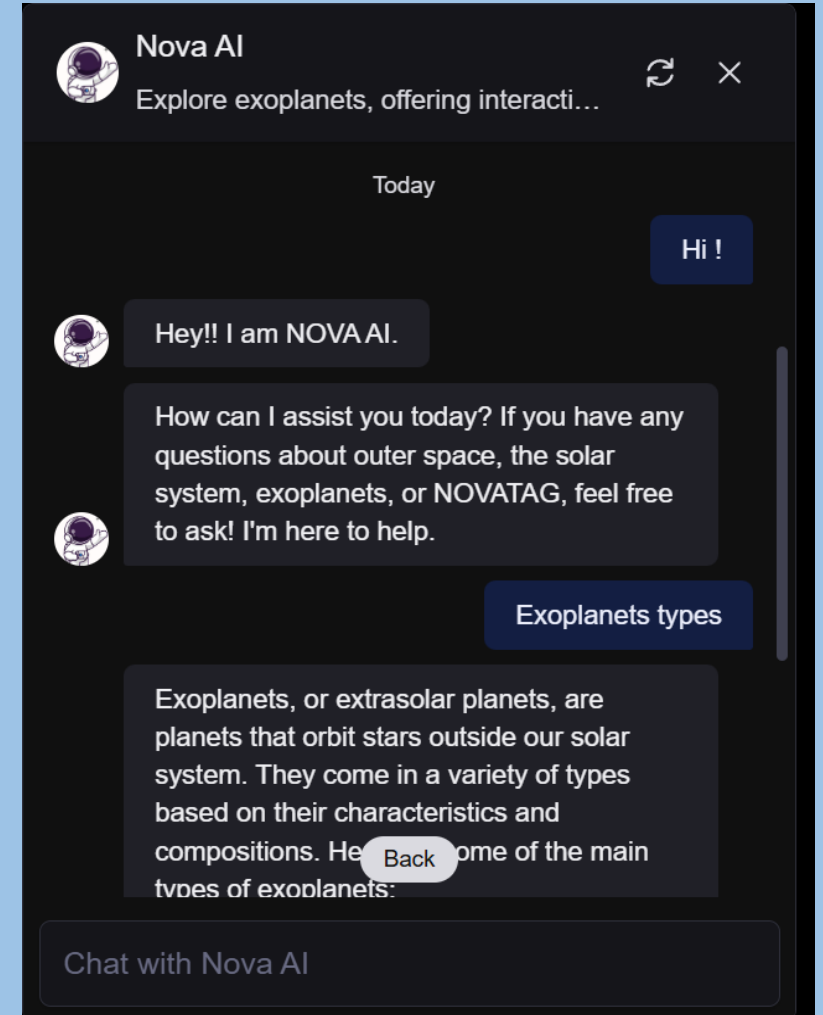
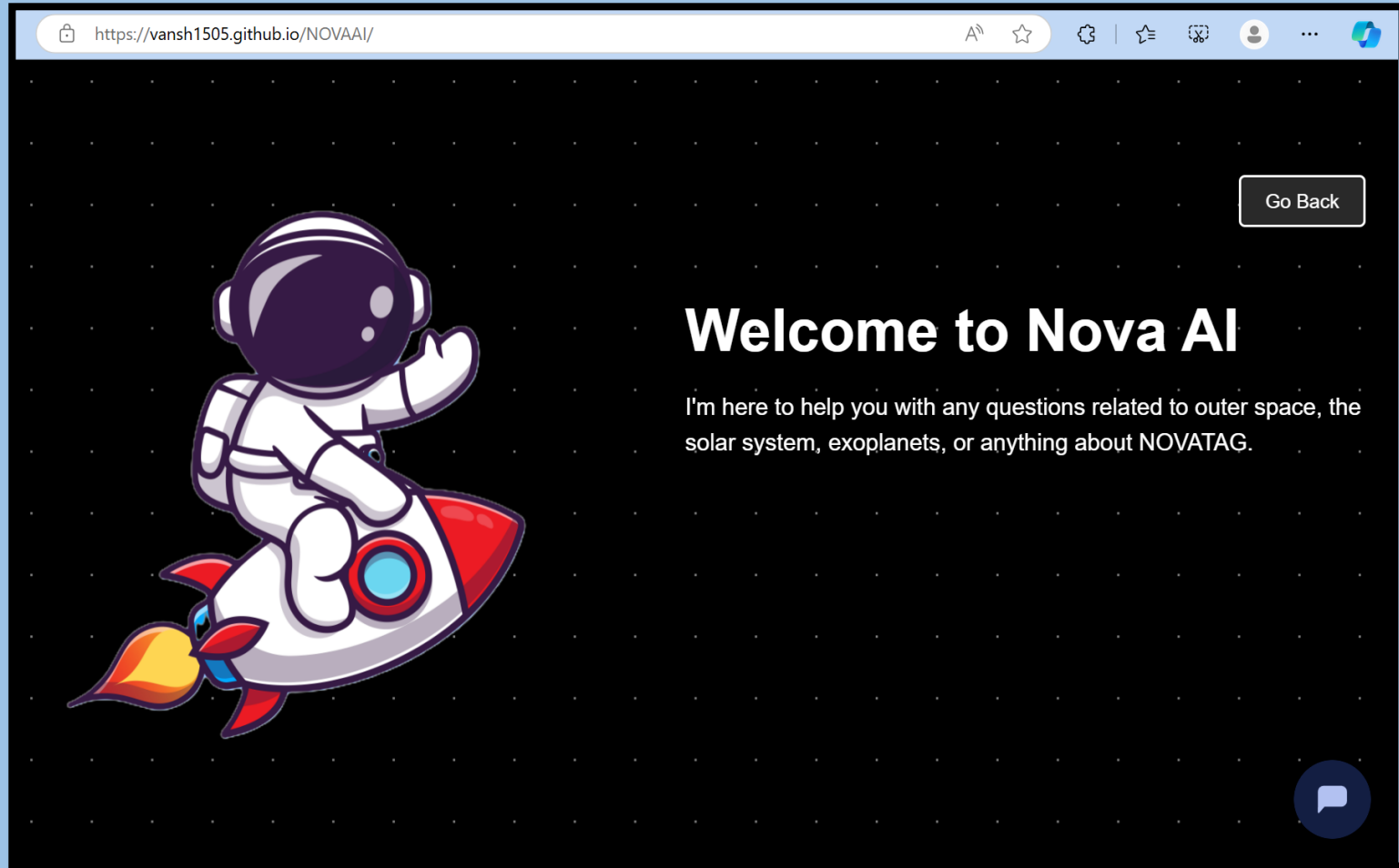


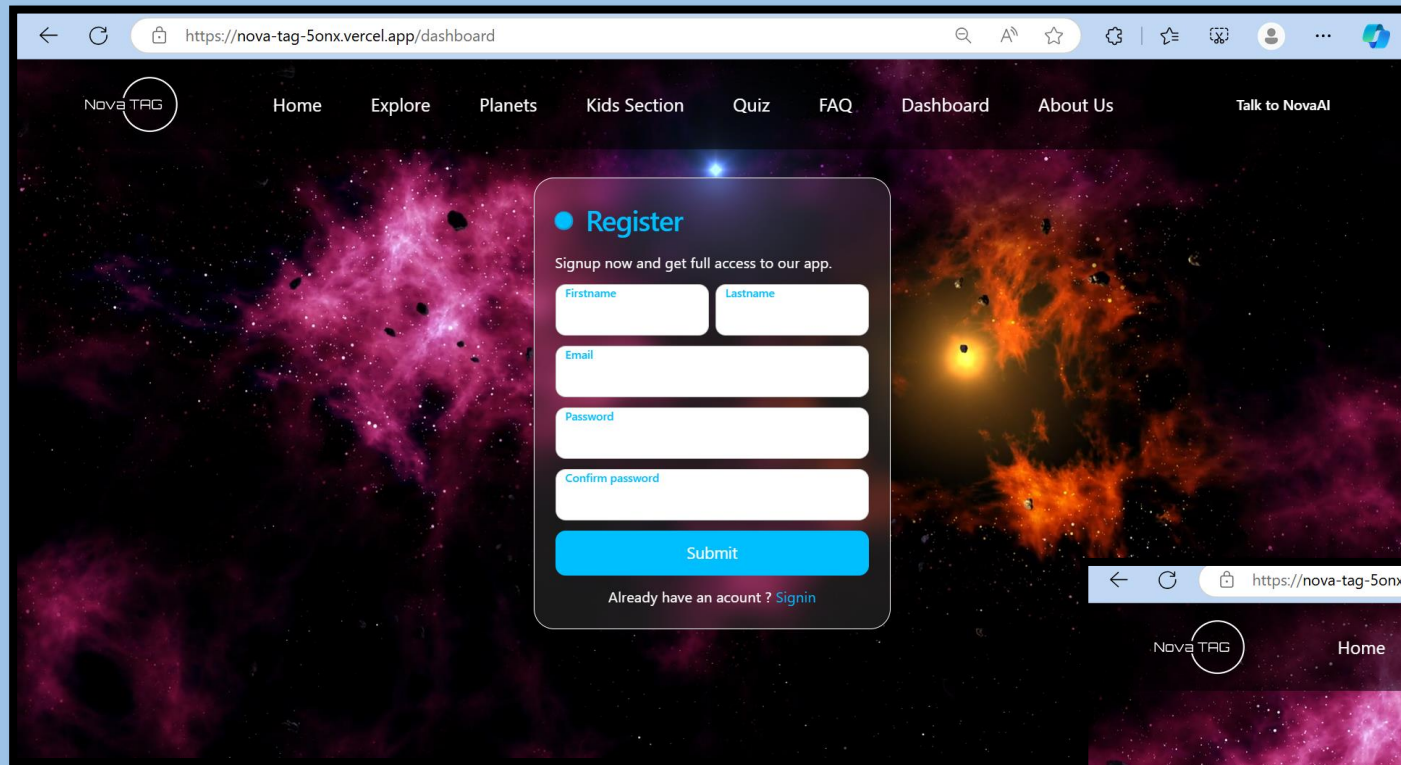
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FAQ SECTION



TALK TO NOVA A.I. SECTION





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