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ADVANCED SPACE SERVICE ACCESS APPLICATION TOOL "ASTRAX UNIVERSAL USER INTERFACE (ASTRAX U2U)"

Abstract

The era of space travel is already upon us, where even ordinary people can go to space. However, specific tools and systems to support life in space do not yet exist, and there is a need to realize them in preparation for the deployment of space travel to the Moon, Mars, and the solar system. ASTRAX is developing the U2U (Universal User Interface) as an application tool for space service providers to input space products and services to this platform according to their customers' needs. The idea is to use blockchain technology to identify users, both space service providers and space customers such as space travelers, and to manage, match, and provide all supply (products and services) and demand needs in the blockchain. Although it looks like an Amazon application, the target is not only Earth; U2U can be designed to be used before and during spaceflight, as well as during stays on the Moon and Mars. We call this space platform the Universal Service Platform (USP). In addition, all the value metrics required for use and provision are matched using the Solar System Common Value Metrics (ASTRAX VALUE) operating in U2U. This is similar to a cryptocurrency, but cannot be redeemed for cash. It is a common value standard that is determined instantaneously among people who create and/or enjoy goods and services. At ASTRAX, many people have applied for space travel, including those who have experienced zero-gravity, taken courses, listened to lectures, participated in tours, members of the lunar city, and advisory companies. We are building connections with relevant customer lists and creating a limited platform, dedicated tools and temporary value criteria (ASTRAX VALUE) for those people and services. This platform will be an open source platform, where users as service providers will be able to add their own products and services. Those products and services will be available to users as customers without the need for permission. For example, if you use these tools (ASTRAX USP, ASTRAX VALUE, and ASTRAX U2U) to sign up for space travel, you will have everything you need for space travel.This will require the integration of ASTRAX's product development, service development, business development, human resource development, training, and rehearsal systems to support human behavior in meeting their needs from anywhere in the solar system.In this paper, we present details of ASTRAX U2U, an application tool that can be used to provide everything needed in space.