

A2 Assignment

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Basis of Project:

We will use cryptocurrency as the foundation for our project. Cryptocurrency is a type of digital or virtual money that relies on cryptographic technology to secure transactions and control the creation of new units. It operates on decentralized networks, typically utilizing blockchain technology to ensure transparency and prevent tampering. By leveraging the principles of cryptocurrency, our project aims to explore innovative ways to apply these technologies and concepts to our specific objectives.

What is Cryptocurrency and how does it work?

Cryptocurrency is a type of digital or virtual money. It uses special technology to keep transactions secure and to control the creation of new units.

Concept Note

- A transaction method where light is used to make payments, where sunlight is captured by solar panels and converted into "light credits".
- Like a cryptocurrency, these light credits are stored in a digital wallets and can be used for transactions.
- This system lets you pay using sunlight, like a type of currency. It uses light technology and blockchain to make payments fast, secure, and energy-efficient.

Rough Sketch of the Device

