MyBit.io

Architecture Diagram
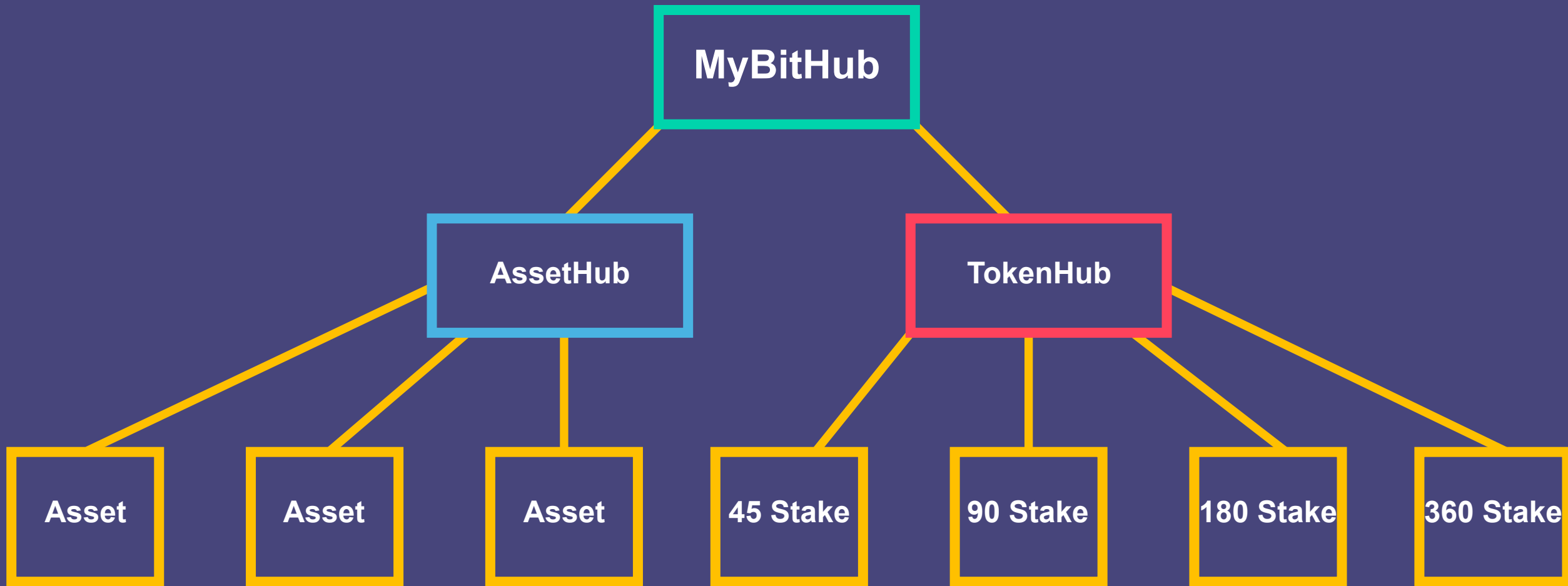
Architecture Description

MyBitHub = **MyB**

AssetHub = **AH**

TokenHub = **TH**

MyBitHub

Description for image; MyB spawns AssetHub and TokenHub.
Every component of the design relies on the **MyB**, which is maintained by the MyBit foundation.
MyB controls the creation, modification and tracking of **AH** and **TH**. By doing this, modifications can be made by the **MyB** foundation if a limitation in place needs to be changed.

![MYBIT logo]

AssetHub

Description for image; Spawns off multiple assets, and a new asset hub is spawned once a limit is reached(e.g. 5000(for image do 3)).
The AH creates and holds references to each individual asset listed on the platform, and the AH currently has a theoretical limitation of 5000 of number of assets per each AH, to reduce computational costs. Once this limitation has been met, MyB create more AH to facilitate more assets on the platform. Each AH contains a particular category off assets, e.g. one AH will maintain Renewable energy, another POS, another Autonomous vehicles etc...

TokenHub

Description for image; Is spawned by MyBitHub, and then spawns off the 45, 90, 180, 360 staking days. And once the stake have been completed the staking periods are spawned again. Once an asset has been fully funded, 3% of the funded amount will be distributed between the MyBit foundation and users holding tokens. The MyBit foundation is given 1% for maintaining the platform, and 2% will be rewarded to users staking tokens. The **TH** creates all of the different staking periods.

Description for image; Staking structures are created and maintained by TokenHub. Each individual stake structure has a set time, once the set time has been reached another staking structure is spawned. Leading on to the Token Holding aspect of MyBit, users can stake an amount of MyBit tokens for either a 45, 90, 180 or a 360 day period. Each individual staking amount is controlled, maintained and updated by the TH. Once a staking period has been complete, the TH will remove the completed period, and create another instance of the removed period. Each individual staking period has a reward attached, and the closer to the opening of the period they stake their tokens they are rewarded more.

For example, when a user stake on day 1 of the 45 day contract, they will be entitled to a portion of 6.7% of the total 2% transaction fee generated from the asset. To conclude, the whole architecture is autonomous meaning there can be no human errors.

Thank you,

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