**The blockchain related augmentation to Java Genie**

1. Preliminary

In our original thought, Java Genie is not a web3.0 oriented project. The objective of this document is to present some possible augmentation to the Java Genie project from the perspective of blockchain and web3.0, and give more imagination to the investors (and appraisers). Notice that the 4th Bitcoin halving will happen this month, and the crypto market has been getting so hot in the past months. **It will be a great moment for us to launch our web3.0 related project now, and this must be mentioned in our presentation.**

2. Example

Our example could be the famous GameFi project – StepN. It features the following aspects.

(1) It sells virtual NFT sneakers to customers, and lets customers earn money by running or walking while virtually taking the sneakers on.

(2) The rewards of StepN are given in the form of the crypto currency -- Solana, and customers can spend the earned Solanas in updating their virtual sneakers, or even making new sneakers for sale. The crypto currencies can also be redeemed as dollars.

3. Our project

(1) Token or Solana

As one of the most popular public chains, Solana is widely used because of its lower transaction fee and higher efficiency of generating new blocks compared with its counterparts (like Etherum). We can employ Solana as the crypto coin used for our application. The advantage of adopting Solana lies in that Solana has been well known and accepted by the public, and it is easier to achieve consensus and trust among our customers.

We can also issue our own tokens based on the Solana chain, for example, named as CoffeeCoin, or some other little animal. It will not increase much cost. We can do that easily by our own group or by the employed software engineer that has been taken into account. **Considering the popular meme culture currently and our outlook of the coffee community in the future, the advantage of issuing tokens is that the animal-themed meme token may attract more attention and capital, like Doge, Shib, Pepe, and so on, whose prices have increased by more than thousands (even thousands of thousands) of times.**

(2) Expanse and revenue

We can sell our **virtual NFT coffee cups** to customers, and encourage customers earn tokens or coins by ordering or brewing coffees or participating in activities, such as uploading coffee preferences, and writing comments on recipes. Different coffee cups are just like different traditional *coffee plans*, and the cup brought by a certain customer is directly connected with his/her account of the app and the coffee community in the future. **As our partners, some big coffee brands (like Starbucks) or local coffee shops can also make and issue their special coffee cups**. The advantages are as follows.

(a) By selling cups (and/or tokens), we may obtain more money in a short time, and it will greatly help us survive the most difficult beginning period.

(b) By allowing the global or local coffee brands design and issue their tailored coffee cups as advertisements, we can save money for the art design of these NFT cups.

(c) Because the cups are connected to the digital asset – Solana. Our product is endowed with some financial feature, and it may attract more investment from the market and bring in more investing harvest for ourselves, especially in the current bull market.

(d) Though voting by coffee tokens, we can adopt the concept of decentralized governance in our community, and allow our customers to collaboratively decide on the design, placement, and functionality of the expected physical coffee machines in the second or third year. It is worth noting that the cost of manufacturing physical machines is considerably high for a startup. So, the token-based management introduced here might be quite helpful to us.

(e) In the long future, the coffee token can be used in various community activities on our coffee forum, such as browsing, voting, contest, information sharing, advertisement, and so on. Our goal is to build an AI-powered open ecosystem of coffee.

Lastly, the introduction of blockchain technology will not increase the expanse for our project, but it will bring in multiple advantages and great potential.