AI CRYPTO

AI BlockChain for Decentralized Economy

Monthly Report. Dec. 2018

Development

Development Situations

AI Deep Learning

1) Task

A key development Task for AI Deep Learning is to found and realize a distributed deep learning computation methodology optimized for the hardware and network environment of the mining pool and in a user-friendly manner. It also aims to expand its functionality so that the resources of the mining pool can be utilized for various forms of deep learning needs.

2) Situation

After completing the development of a minimum viability product (MVP) with core technologies in September, we are developing and testing service prototypes including CLI and web UI, and adjusting schedules in each of development divisions with agreements between leading companies. In addition to distributed deep learning training, new solutions are being developed to leverage mining server resources to deploy deep learning services. We are also developing additional solutions for small users to easily deploy and use deep learning environments.

AI Mining

1) Task

A key challenge for AI Mining is to create a system that remotely controls hundreds to thousands of mining servers to distribute dynamically them to distributed Deep Learning and Crypto mining without losing resources, thereby maximizing the profitability of the mining pool.

2) Situation

After completing the development of a minimal viability product (MVP) that includes key technologies in September, we are developing and testing container distribution management and load balancing solutions for cloud systemization of mining pools, and improved its task management system to improve the speed of switching between mining and deep learning. We are also developing a distributed application (dapp) based on ERC721 to link this to AIC.
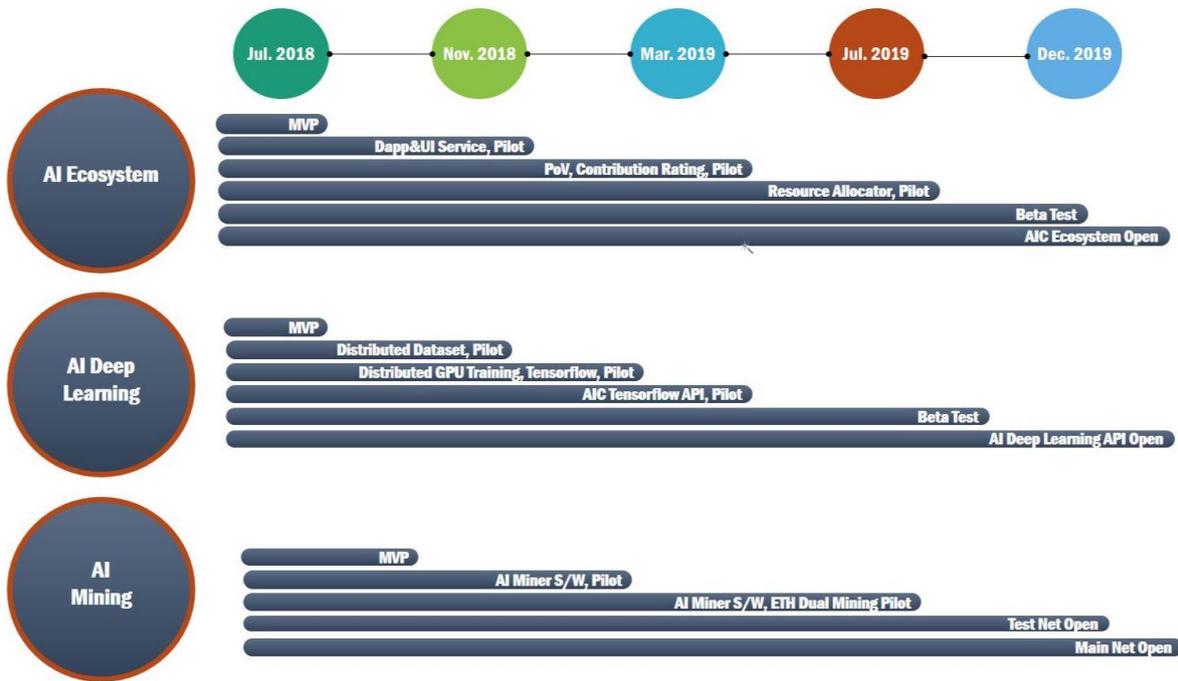
Development Achievement by Roadmap
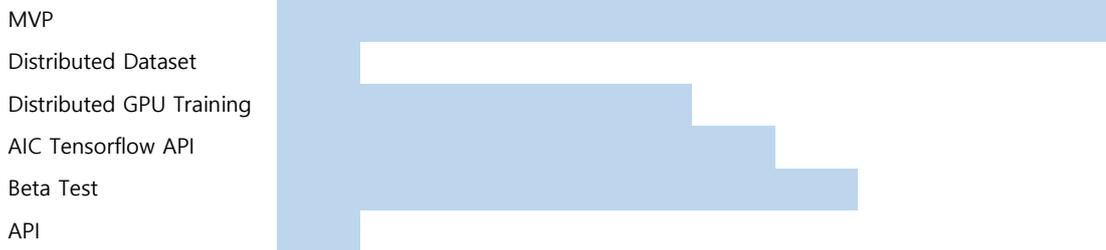

Figue 1. Road Map

AI Deep Learning

MVP					
Distributed Dataset					
Distributed GPU Training					
AIC Tensorflow API					
Beta Test					
API					

Figure 2. AI Deep Learning Achievement by Roadmap

AI Mining

MVP	
AI Miner S/W	
ETH Dual Mining	
Test Net	

Figure 3. AI Mining Achievement by Roadmap

AI Ecosystem

MVP	
Dapp	
PoV	
Resource Allocator	
Beta Test	

Figure 4. AI Mining Achievement by Roadmap

Management

Management Situation

Partnership

We are discussing with customers who need artificial intelligence development resources including high-performance GPUs. In December, we began to consult with relevant companies for technical, public, and marketing partnerships.

Community Management for Many Languages

AI Crypto is managing three language user communities - Korean, English and Chinese - after the end of the ICO. Common service channels for users of each language are web pages, blogs and e-mails, and are operating chat channels familiar to users of each language for faster and more accurate responses (English: KakaoTalk, English/Chinese: Telegram).

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※ **In 2019, the Business is reported quarterly.**