Proposal

Miners' Coffee

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Content

Breif introduction to our team and project

Team member

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Exclusive summary

To provide more powerful functions and better user experience, our group has initiated a next-generation GPU mining software named Miner's Coffee. Compared with existing software of the same type, it integrates more system utilities for state monitoring and hardware configuration, more interactions with end-users, and more elegant graphical representation of data. During the design of this software, we have applied a wide range of software engineering expertise. We have adopted the agile software process for higher flexibility and scalability. Furthermore, we have taken
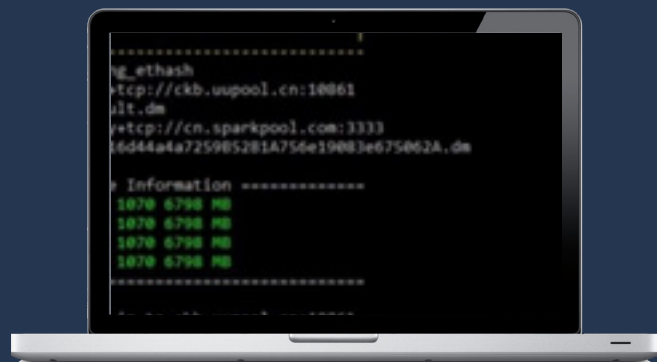
Background

Since the end of 2020, the price of Bitcoin (BTC) has been increasing rapidly. This sharp rise has stimulated the whole market of cryptocurrencies. Consequently, the mining of tokens based on the Proof of Work (PoW) mechanism has been more than popular around the world. Some of these types of tokens, for instance, BTC, BCH, and LTC need application-specific integrated circuits (ASIC) for mining, while others can be mined using GPU of PC. Among the latter, Ether (ETH) of Ethereum is the most favored since it provides the highest profit.
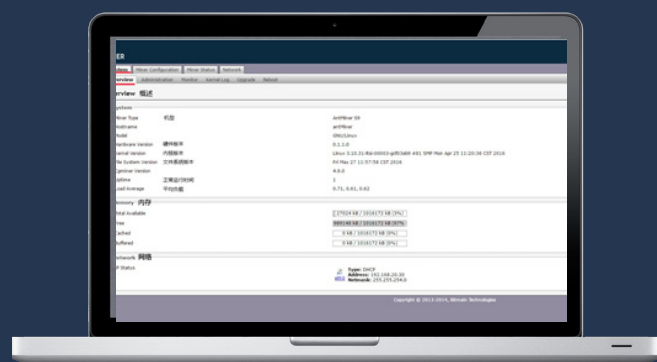
Problems

Currently, ETH miners can choose between two kinds of software. One is open-source mining programs with no graphical user interface (GUI), the other is closed-source commercial mining software with GUI and some additional functionalities such as temperature monitoring and virtual

Open source

The open-source ones are

not user-friendly due to the

lack of GUI. Users have to

learn and type command

lines to configure and run

the program, which could be

annoying for unsophisticated

users. Furthermore, this type

of mining program can do

nothing but mining.

Commercial version

On the other hand, although the commercial ones implement GUI and integrate some utilities, they have the following drawbacks: First, they take 1-5 percent of mining output as their profit, which could be a significant loss for users in the long run.

Problem insuffient functionality

No statistic to lookback

Current software provide neither an estimation of the daily output in dollars nor statistics on computational power and temperature.

Inperfect functionalities

Aome software do not supply utilities for GPU overclocking. The ones which do provide overclocking setting do not provide automatic overclocking. Users must set the overclocking parameters by themselves, test system performance and stability, and then adjust the overclocking parameters accordingly.

Users must set the overclocking parameters by themselves, test system performance and stability, and then adjust the overclocking parameters accordingly. To achieve optimization of the system, users may need to repeat the above process for multiple rounds, which could be time-consuming and tiring.

Problem

Unsatisfied-users experience

• In terms of the user interface, their GUIs are filled with texts and lack graphs, which are neither concise nor elegant.

• As for interoperability, they do not provide sufficient tips or feedback.

• No prompt about the parameters. For naïve users, this may confuse them. Worse still, if the naïve users set the parameters improperly, the hardware can be damaged. Worse still, if the naïve users set the parameters improperly, the hardware can be damaged.

01. The Challenge

Moreover, there is no notification when the system is not running smoothly. For example, if the cooling of hardware is poor or the clock frequency of the GPU is set too high, the power of the GPU will be reduced compulsively by the driver. As a result, the computational power will decrease. However, in this kind of situation, this software does not notify the users directly. Users can realize the problem only by checking the status manually and actively.

Solutions

Our solution is a powerful GPU mining software named Miner's Coffee, which integrates an open-source mining program with utilities for monitoring, overclocking, and tracking.

Affordaable Pricing

First things first, once purchased, Miner's Coffee takes no cut. This charging method would be more economical in the long run.

Powerful Mining Core

At the bottom, it employs NBMiner, one of the most famous open-source ETH mining programs, as the mining core.

Varied Parameter display

Concerning utilities, it provides the following functionalities: real-time GPU hash rate, temperature, power, and frequency monitoring; GPU core frequency, memory frequency, power limit, and fan speed setting; statistics on hash rate, temperature, and power consumption; estimation of the

Graceful GUI

Last but not the least, Miner's Coffee adopts a graceful GUI, which contains a series of line graphs, gauges, and other graphical components. //In summary, Miner's Coffee will provide an easy, economical, and elegant ETH mining

Objectives

To make the final product comprehensively functional, our development process will accomplish the following objectives:

Step -1.Update and Improve the Current System Framework:

Experience the mainstream miner programs and summarize their general

Introduce the basic idea of our system framework to current miner programs users and ask for

their advice which will be used for further improvement.

Step -2 Implement the Prime Product:

Develop the product according to the system framework and implement all the desired

functions.

Step -3 Project Goes To Hear

Comprehensively test the product by the development team and fix all the problems until it

Include some outside users to use the program to feedback the problems or advice and the

development team will update the product accordingly. This step might be repeated iteratively

until the product functions stably.

Launch the product online and receive more feedback from board users to further improve the

Benefits

1 By integrating the core features of the mainstream miner program, our product is well-equipped which will satisfy the miner users' basic needs.
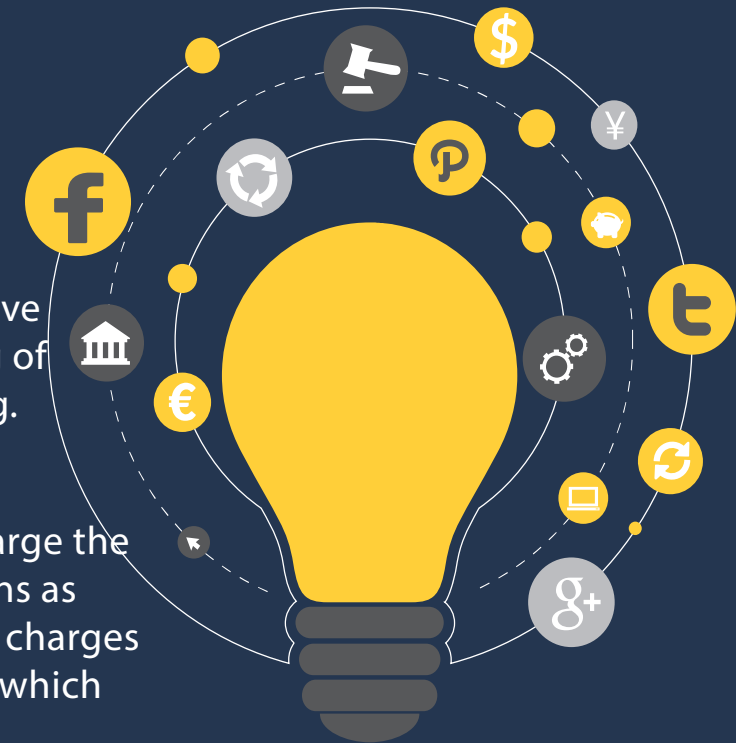
2 By designing the UI elaborately, our product will be more beautiful and user-friendly.

3 Plus, by adding additional functions like the estimated earnings and GPU current capability curves, users can have a more concise understanding of the current situation of mining.

4 Unlike some products that charge the user some portion of their gains as commission, our product only charges the users once for installation which will be more economical.

Project Timeline

01	02	03	04	05

02 Weeks

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Project Timeline

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01 Weeks

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Our Clients

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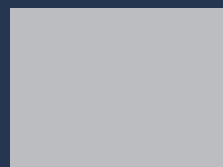
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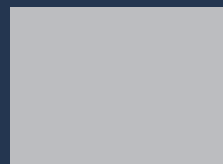|		
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Clients Testimonials

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Our Market

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Head Office

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✔	Sometimes by accident sometimes purpose	Branch Office
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Project Packages

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Company Pricing

It is a long established fact that a reader will be distracted by the read able content of a page when looking at its layout. If you are going to use a passage of Lorem Ipsum, you need to be sure there isn't anything embarrassing hidden in the middle of text.

Basic Pack
$290

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Silver Pack
$650

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Members Activity

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Kits Richard	15	48	17	57%
Sack Leven	37	42	09	62%
Merryn Ham	49	12	15	19%

Total
457

Estimate
875

Social Media

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There isn't anything embarrassing hidden in the middle of text. All the Lorem Ipsum generators on the Internet tend to repeat predefined chunks as necessary, making this the first true generator on the Inter comes from a line in section 1.10.32.

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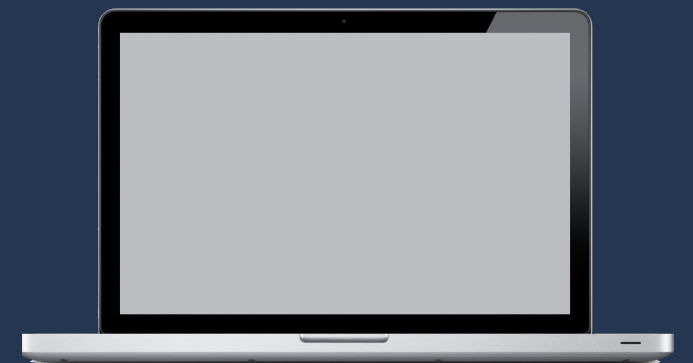
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Market Process

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Website Strategy

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Website Promotion

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MARKETING DESCRIPTION

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Step -2 Conditions

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Step -3 Project Description

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Step -4 Ownership and usage

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Step -5 Benefits

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Step -6 Business and Services

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Step -7 Copyright and Trademark

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Step -8 Cancellation Terms

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Aming this in first