Auto Overclocking Tool

+Initially, get suggested overclocking parameters
 from Overclocking Advisor
+Repeatedly get the data on hash rate, power, and
 temperature from the database
+Make adjustments according to the real-time data
 until the system is optimized

Overclocking Advisor

+Provide suggestions on overclocking
+Give warnings on cooling/overclocking

Miners for other coins in future

System Info Tool

+Get system info

Miner

ETH Miner

+Mine Ether (ETH) with GPU

Support for other GPUs in future

User Interface

Interface to Miner

+Start/end mining button
+Miner parameters input field

Monitor shows real-time data

Monitor

+Show hash rate
+Show valid/invalid share
+Show temperature
+Show GPU frequency
+Show GPU power
+Show network latency
+Show system info

Monitoring Tool

GPU Monitoring Tool

+Monitor temperature
+Monitor GPU frequency
+Monitor GPU power

Overclocking Tool

NVIDIA OC Tool

+Set GPU core frequency
+Set GPU memory frequency
+Set GPU power limit
+Set GPU fan speed

Interface to Overclocking Tool

+Set GPU core frequency
+Set GPU memory frequency
+Set GPU power limit
+Set GPU fan speed
+Show suggestions
+Auto overclocking switch

Network Monitoring Tool

+Monitor network latency

Support for other OSs in future

Tracker

+Show hash rate statistics
+Show temperature statistics
+Show power statistics
+Show working time

Tracker shows historical data

Virtual Memory Tool

Windows Virtual Memory Tool

+Set the size of virtual memory

Output Estimator

+Show estimation of daily
 output in dollars

Database System

+Store statistics on hash rate
 temperature, power consumption,
 working time, etc
+Store suggestions for overclocking

Interface to Virtual Memory Tool

+Set the size of virtual memory

Output Estimation System

Yield Data Query

+Get the real-time per unit yield
 from the internet

Price Query

+Get the real-time price of token
 from the internet

Output Estimation

+Calculate the real-time daily
 output in dolloars

Conceptual view