

Technical Spec

Almost a compilation of multiple technical specs. Written to be understandable to the best of my abilities.

1. Front Matter

Minance, P2P Remote Asset Allocation <https://github.com/minancenet>

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2. Introduction

Overview

The Minance trading system is a peer-peer system in which, players of Skyblock by Hypixel are able to execute orders for Minance site users on the game's internal bazaar for a commission fee, paid for by the orderer. Thus, allowing players to place buy and sell orders externally via any device with access to the internet. With a marketplace's competitive nature and a sustained ratio of order placers to orderers, orders should be executed on a close to in-game order time scale.

Glossary

Bazaar – Referring to the Hypixel Skyblock bazaar and its corresponding economy.

P2P – Peer-to-peer computing is a distributed application architecture that partitions tasks and workloads between peers (users).

Context

The bazaar on Skyblock has always been an undervalued part of Skyblock although the bazaar brings much more to the game than most realize. With Hypixel's millions of users the bazaar is an optimal environment for users who want to experiment with markets without any monetary barrier to entry. The aspect that separates the Hypixel Bazaar from most simulated markets is that the majority of the player base actually plays the RPG/ MMO game within Skyblock. They interact with other users, complete quests, earns money, all fueling a very real economy.

Allowing users to place orders externally would only improve upon the current bazaar community along with boosting the volume of the bazaar, allowing for the bazaar trading experience to become more immersed.

Goals

- Website for users to place orders externally on the Skyblock bazaar.
- Website to allow users to fill orders in game for website order placers.
- Functional P2P ordering, trading, and verification system for transferring website user orders to them safely.

Non-Goals

- Minance is not an automatic order placer. Orders are executed by other human players.
- Minance does not give any users unfair advantages or insights within the Skyblock economy.

3. Solutions

P2P Ordering

Web Panel