Roblox Tycoon

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ABSTRACT:

Roblox's tycoon games have been around for years and years. In fact, a user that goes by the name of Uberrubert created the very first tycoon game in December 2007. This tycoon was named Bread Factory Tycoon and was popular for about four months, according to the Roblox Wiki. But, what exactly is a *tycoon game*? Roblox Wiki gives a great description: "Tycoons are a genre of experiences on Roblox in which the player gets to own their own base, usually a business or a company of some kind, and must use their skills to earn cash, spend it on upgrades or "droppers", build parts of the "factory" or "business" and repeat until the tycoon is finished."
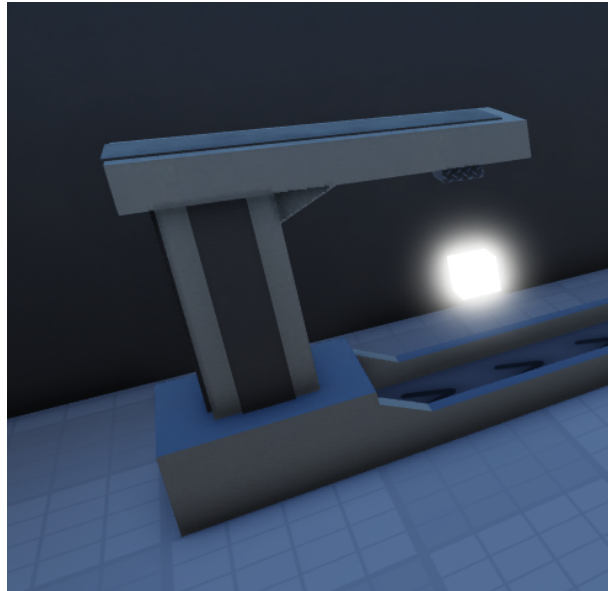
The design of a Roblox Tycoon raises a number of concerns that must be addressed over the course of the development process. These kinds of questions will almost certainly arise throughout the development stage as more and more challenges arise, but for the time being, there are concerns about the formation of a fundamentally sound tycoon.
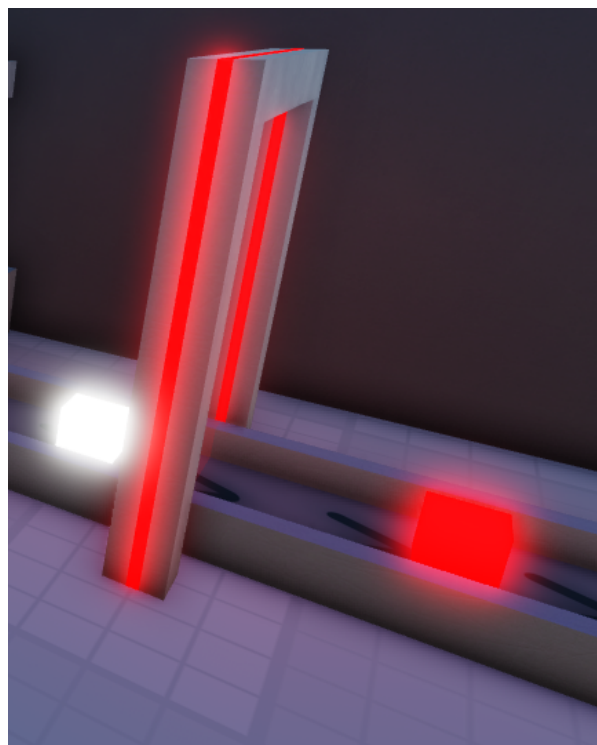
KEY TERMS & DEFINITIONS:

- **Tycoon —** Tycoons are a genre of Roblox experiences in which the player takes control of their very own base, which is typically a business or a company of some kind, and must use their skills to earn money, spend it on upgrades or "droppers," build parts of the "factory" or "business," and repeat the process until the tycoon is completed.

- **Robuxeum** — Robuxeum is a fictional currency used in the game Roblox Tycoon. It is a play on words that mixes the prominent Ethereum cryptocurrency with the Roblox virtual money, the Robux.

- **Machinery** — There are quite a few keywords associated with Roblox Tycoon's machinery. The following are the most significant:

    - Dropper: A dropper is a machine or model that creates bricks found in most tycoons. These machines are usually fully automated.

    - Drops: Most tycoons include a dropper, which is a machine or model that makes bricks that may be located throughout the game. These devices are almost always completely automated in their operation.

    - Conveyor belt: A conveyor belt performs the same functions as a standard conveyor belt. It is responsible for transporting the drops from point A to point B.

    - Collector: A collector is a location where drops are gathered and exchanged for Robuxeum.

    - Upgrader: Upgraders are used to increase the worth of drops by multiplying them by a variety of multipliers. The multipliers are distinguished by the varied colors that they have.

    - Button: A button represents the location where you may acquire the equipment mentioned above. You will see the name of the component you are buying and the value of how much it costs in Robuxeum on each of the buttons.

- **Leaderboard** — You may utilize a built-in leaderboard system while playing Roblox, which enables you to display player information such as scores, cash, and the fastest time in a race. When it comes to showing current overall Robuxeum and worldwide leaders of
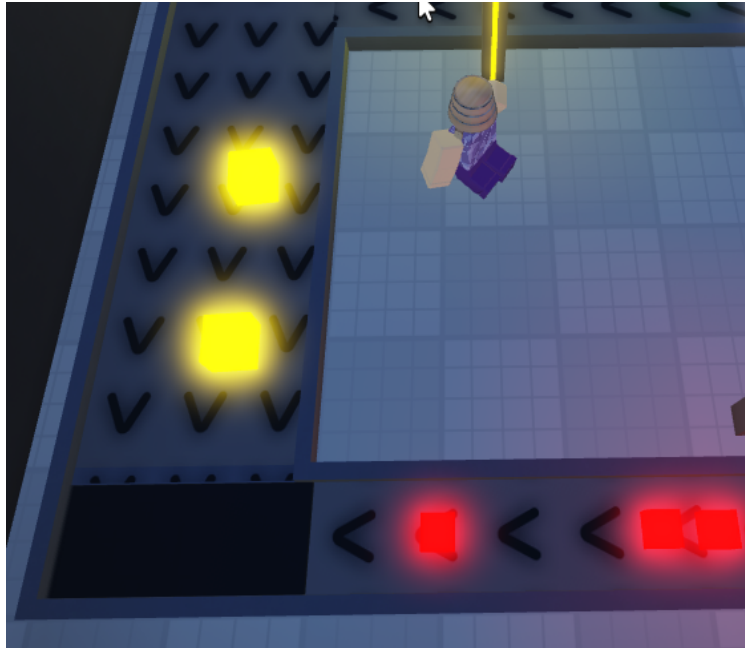
Robuxeum, Roblox Tycoon makes use of both the built-in leaderboard as well as a global
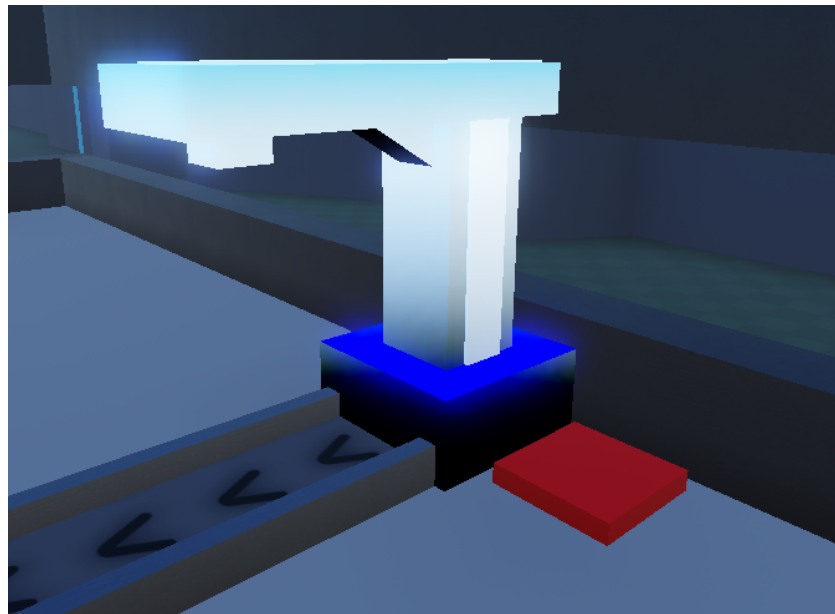
leaderboard.

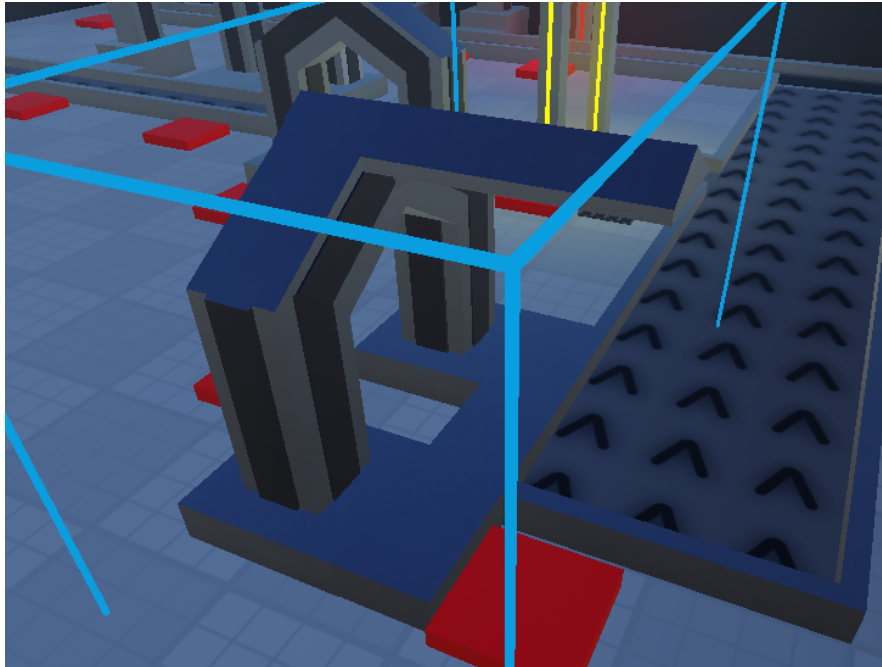**Image 1: Example of Dropper and Drop from Roblox Tycoon**

Image 2: Example of Upgrader and Drop from Roblox Tycoon

Image 3: Example of Conveyor, Collector, and Drops from Roblox Tycoon

Image 4: Example of "Extreme" Dropper and Button

Image 5: Example of "Big" Dropper and Button

Image 6: Example of Bank

Image 7: Global Robuxeum Leaderboard

SYSTEM REQUIREMENTS:

Normally, within the Tycoon-genre game, a tycoon is claimed by bumping into a "door" and then finding something like a dropper, which requires you to hit a button to create anything. After generating the item, you would sell it for money and purchase a dropper that would automatically drop the identical item. The cycle continues, with each purchase allowing you to extend your base, purchase additional droppers from a store, and even purchase weapons to combat other players.

Roblox Tycoon is a game where users are instantly generated with a Tycoon that is completely unique to them. In order to do this, when a new unique player enters, the whole Tycoon model inside Roblox Studio is initialized. Roblox Tycoon is also intended to save players' progress when they leave the game, ensuring that their work is never lost.

FUTURE IMPROVEMENTS:

Roblox Tycoon is still in its early stages, and there are many ideas that may be included to make it even better. An advantage of using Roblox Studio is that the possibilities for creating a game are virtually limitless. For example, if my game becomes popular and has a consistent number of players, I would like to add in-game purchases to increase my income from the game; increase player interaction in some way; add achievements or badges for accumulating absurd amounts of Robuxeum, and several other ideologies to consider.

FUTURE NFT IMPLEMENTATION:

At a high level, the majority of NFTs are a component of the Ethereum blockchain. Ethereum is a cryptocurrency, similar to bitcoin or dogecoin, but its blockchain also enables these non-fungible tokens (NFTs), which hold additional information that allows them to function differently than, for example, an Ethereum coin. It should be noted that other blockchains are capable of implementing their own versions of NFTs as well.

Roblox features its own version of an NFT, complete with collected avatar pieces such as hats, faces, and a variety of other accessories. A limited item is one that can only be collected and maintained in a user's inventory. Roblox defines collectible things as limiteds,' which indicates that numerous copies of a specific limited item may be obtained and held in a user's inventory. A user's inventory may only contain a certain number of things, which can be collected and kept by the user. The ability to swap and resell them makes them a critical component of the trading

system, and they account for a considerable amount of the total Roblox economy as a result of their widespread availability.

When the Recent Average Price (RAP) of an item is shown, it shows that the item's average selling price during a recent period of time has been calculated for that item. If the RAP for the Beautiful Hair for Beautiful Space People changes dramatically from day to day, for example, the RAP for the Beautiful Hair for Beautiful Space People (a limited hat in Roblox) may be more than 3,000 Robux on one day and less than 2,500 Robux on another. Keeping track of a limited-edition item's RAP might help you determine how much demand there is for it.

With all of this in mind, it inspires a notion for Roblox Tycoon to be developed further. Considering that Roblox enables users to design their own hats and other goods, it is theoretically possible for me to design my own hat and/or item that has specific advantages inside Roblox Tycoon. These hats are labeled with unique ID numbers, which would allow them to be tracked back to their original owners. This shows that they are comparable to the most popular NFTs on the market today.

Game Manual

Starting Out

When you first load into Roblox Tycoon, you will spawn in with your very own Tycoon. This place is where you'll spend most of your time. You will notice you spawned on top of a star pattern part. This is shown in image 1 below. This star pattern is a decal that is widely known across Roblox because it is the default decal for a spawn point brick. This part will be your spawn point for when you reset or somehow die while in the Roblox Tycoon game.

Next to the spawn point is Roblox Tycoon's banking system. This is also shown in image 8 below. This "bank" is where you will go to collect your Robuxeum (the currency of Roblox Tycoon). To collect your Robuxeum you must simply move your character on the green part.

Image 8: Brand-new player to Roblox Tycoon

Purchasing Your First Dropper & Conveyor

You will notice the system says 0 Robuxeum. So let's get to gaining Robuxeum. To do so, walk

over to the "Starter Dropper & Conveyor" button. Once you do this, you will see a prompt

pop-up stating a few things. The name of the item you're near and the price in Robuxeum. This

is shown below in image 5. To purchase the beginning stage of Roblox Tycoon, you must hold

"E" for a second. After doing so, the button will despawn and then create your starter dropper

and conveyor.

Image 9: Purchasing Starter Dropper & Conveyor

Earning Robuxeum

As the gears start churning, you will now see the dropper and conveyor putting in the work to

provide Robuxeum to your bank. However, you must collect the Robuxeum in order to use it for

your future purchases. So make sure you go collect it at the bank! As you can see in Image 3

below, the white bricks are "drops" these drops have a value of 1 Robuxeum but will increase

using upgrades and getting better droppers in the future. I hope this helps and you enjoy the early

stages of Roblox Tycoon!

Image 10: Dropper dropping drops

REFERENCES

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