

Pixel Cafe Game Documentation

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Abstract

This document was made for the sole reason to plan out the upcoming game "Pixel Cafe" on Roblox. This document will mention everything from how the main menu should be designed, the npc interactions and logic map plans and design, and anything else needed to help aid the development team to success.

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1 Main Menu

1.1 Scenery shot

Upon a player joining after they are done loading their camera should be placed looking at an location of an *custom build* map. Adding blurs and other visual effects is **optional**. There should be multiple versions of the map depending on the season, ie if it's winter a snowy version of the map should be loaded in, and if it's summer or some other season or an event like hallowen the map should be loaded to fit the mood.

For more info about the map design please click [here](#)

1.2 UI for the Main Menu

The next list will show all the options the main menu will have...

- PARTY UI
- STORE UI
- TRADE UI
- INVENTORY UI
- LEADERBOARD / RANK UI

1.2.1 Party UI

The party UI is a group of UI's that should give the player options to:

- CREATE PARTIES
- INVITE PLAYERS TO PARTIES
- REMOVE PLAYERS FROM PARTIES
- START A GAME WITH YOUR PARTY
- JOIN FRIEND

When creating parties the party maker/creator should be allowed to make it an **opened** or **closed** party. If the party is open then it will be displayed for everyone to see and join, however if the party is closed then only the party creator can invite other players that **aren't** in a party. **Only the party creator** can kick / remove players from his party. And finally upon pressing play the game should teleport everyone in the party to the desired location, if the teleport fails the players are to be informed of the failed teleport. When creating a party the player will be presented with more than just one option to make the party opened or closed. The next list will show you all the options the player will be prompted upon making a party.

- PARTY TYPE
- FRIENDS CAN JOIN SESSION

If the party is an open type it will get a few more **bonus** option... such as

- MINIMUM LEVEL REQUIERMENT
- MINIMUM DAYS SURVIVED

Keep in mind that all of these bonus options are **OPTIONAL**.

1.2.2 Store and Trade UI's

Before reading about these UI's it will come in *handy* if you check out the [Player Data](#) section.

The store UI should allow the player to purchase the listed items:

- IN GAME "LOOT CRATES"
- GAMEPASS'S
- DEV PRODUCTS

To learn more about all of these please click [here](#).

The Shop UI should offer the player options to select what they wanna buy, on the far right side it should display the item the player selected AND *Show the items description*, it should also show you the items price, and the currency you would need to pay for the item.

Once the player press's the *trade button*, they will be prompted with a player list that they can requests trades with. Upon sending a request if the player accept the request a new UI would be represented that will let the players put stuff from their inventory to the trading UI. The trading UI will be a giant frame, on the top of the frame will be a 6×2 grid, the first 6 slots will be for the first player and the other 6 for the other player. If they have multiple of *that one item* they would be promoted with an option to select how much of *that one item* should they put into the trade, this means they can have up to 6 *unique* items in the trade. On the right side of the main UI will be the other persons character frame with their name below them, and right below that would be a private chat between the two players. Below the trading part would be the players inventory with a filter bar on the top of that inventory frame, and right below the inventory will be an [accept](#) and [decline](#) button.

2 Player Data

3 Monetization

4 Map Design

4.1 Main Menu Scenary Shot

The Scenery shot of the main menu should be a table inside a building (possibly the cafe) that has a huge window looking towards the outside the table should be big enough to fit 9 people 6 from the sides, 2 facing the window, and 1 looking from the windows onto the table, the table is suppose to have some stuff on it ie. a laptop, some graph papers, and possibly coffee cups. The outside of the window should be a road with road lamps, and possibly a forest behind the road, there should also be a *swinging lamp* on the top as well. The camera will be looking at the table towards the window. For more detail please look at the reference image.



Figure 1: Reference image for main menu map