## Requirements

### Genre of Game:

- Board Game similar to Monopoly

#### Platforms:

- Web browser (tailored for tablets)

## Players:

2 players - 6 players

### Session features:

- Having an account is required to begin a session, resume a session, or join a session.
- A game session will last until one player wins, so a session can last indefinitely.

#### Game features:

- From a random or player specified zip code, the board game will display <u>real-time</u> <u>properties</u>(housing and commercial), <u>street names</u>, and <u>avenue names</u>.
- More expensive property will be available turns the end of the board.

# Gameplay features:

- **Bank**: will be AI/CPU controlled to <u>manage loans to players</u> and <u>purchasing of player led property sales</u>.
- **Mortgages**: players will be able to mortgage homes.
- **Purchases**: players will be able to <u>purchase properties</u> for sale and <u>purchase properties</u> that were lost.
  - Properties for sale: Housing, Commercial, and utilities.
- **Loans**: Players will be able to take out loans from the bank.
- **Jail**: Players will have a chance to be set back to a certain point in the boardgame in order to pay a random fine
- **Railroads**: Will be random utility companies that players can buy stocks in, and the more the player owns the more profit the player can collect for each turn.
  - CAn own stocks in the following utilities: electricity, gas, water, or sewerage
- **Free Parking**: A tile where the player who lands there receives all the money from paid fines.

#### Rules:

- Property ownership limitations:
  - Only 4 house maybe owned by one player. (Max upgrade level is 4)
  - No limit on commercial real estate. (Max upgrade level is 4)

## • Setup prior to first turn

- All player's order will be randomly decided.
- All players will receive a set amount of funds
- Player's amount of moves are randomly decided without any dice animation , which will be done for every turn.

## Player's turn

# [Mandatory]

- Players will have to pay their mortgage.
- Players will forfeit their property to the bank if they can't pay their property's mortgage for that turn.
- Players will have to pay rent if they land on another player's property
- Players will have to go back to the "Jail" tile and pay a fine if they land on a "Go to Jail" tile.
- Players will receive money for landing on the "Free Parking" tile, the money will be from all paid fines or x amount if there are no fines paid so far.
- Players will lose if they have no properties and insufficient funds to make any decisions.
- Players will have to roll the dice after they have done what they wanted and haven't loss.

### [Optional] (THIS OCCURS BEFORE ROLLING)

- Players can purchase or mortgage properties if the player has sufficient funds.
- Players can sell off property to the bank.
- Players who lands on an owned property can offer to buy that property or swap properties.

### Ending the game

- The game will end if one player remains since all other players would have lost to bankruptcy.