Tile Flip

Minh Anh Ton

Landing Page

Computer

| | 3 | 1 | 1 | |
| 1 | 1 | 1 | 2 | 1 |

User Type	Admin
Checks Left	3
Puzzle(s) Completed	0
Hint(s) Left	10
Hint(s) Used	0
Give Up(s)	0

Click here to learn how to play

Give Up Reset Hint Check

Mobile

| | 3 | 1 | 1 | |
| 1 | 1 | 1 | 2 | 1 |

Give Up Reset Hint Check

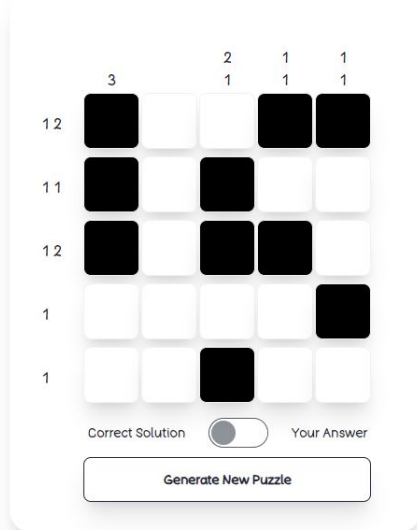| User Type | Admin |
Checks Left	3
Puzzle(s) Completed	0
Hint(s) Left	10
Hint(s) Used	0
Give Up(s)	0

Finished Features (Gameplay)

Game: play the game with instructions, hints, reset tiles, and give up option to see solution
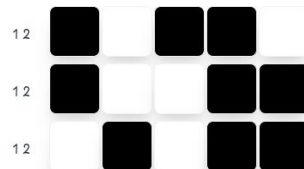

Tutorial

Game:

You are trying to color the tiles based on the rules in the rows/columns

Ex: if the row rule states "4" then that means that for that row there will be 4 black tiles with no space in between
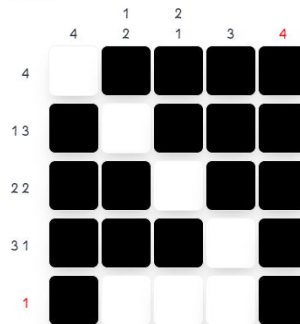
Ex: if the row rule states "1 2" then that means that for that row there will be 1 black tile followed by atleast 1 white tile and then another 2 black tiles
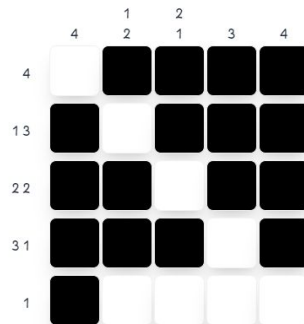

Below is an example of two completed 5 x 5 puzzles, with the same rules but different answers

The left is wrong because column 5 has 5 black tiles and not 4, and row 5 has 2 black tiles instead of having 1 like in the row 5's rule

The right is correct because all the columns and rows matches with the assigned rules

Interactables:

+ Tiles: Click on tiles to flip and change color
+ Give up: Click show solution
+ Reset: Click to reset all tiles to gray
+ Hint: Select a tile after pressing hint button to see solution for that tile
+ Check: Click to check answer

Close

Finished Features (Account)

Account: create account to track stats and compete against others on the leaderboard

Account Settings

Account Type	Admin		
Username	👤 notAnAdmin		Confirm
Password	🔑 New password	🔑 Re-enter password	Confirm

Account Stats

	Completed	Give ups	Total
Puzzles	0	1	1

	Current	Used	Total
Hints	10	0	10

Finished Features (Account cont.)

Your Score

Puzzles Completed

0

You gave up 0.00% of the puzzles

0.00

Number of Hints Used

0

You used 0.00% of your total hints

0.00

Others' Scores

Puzzles Completed

21

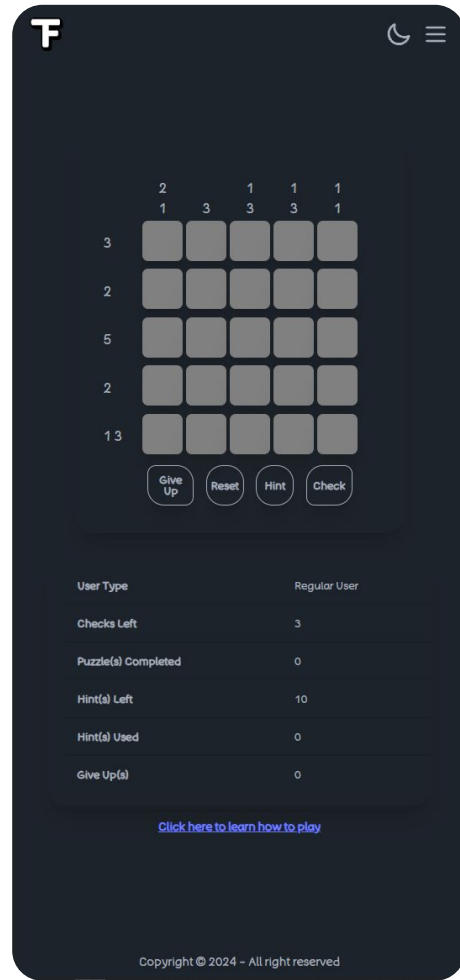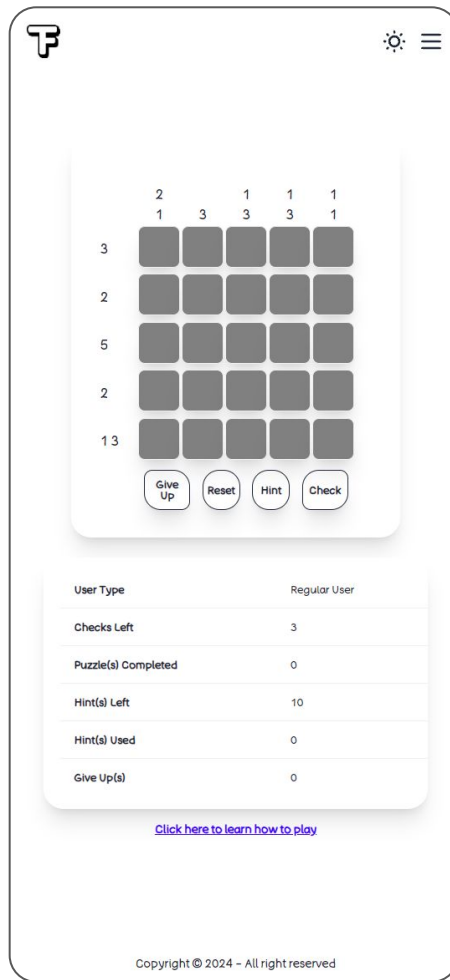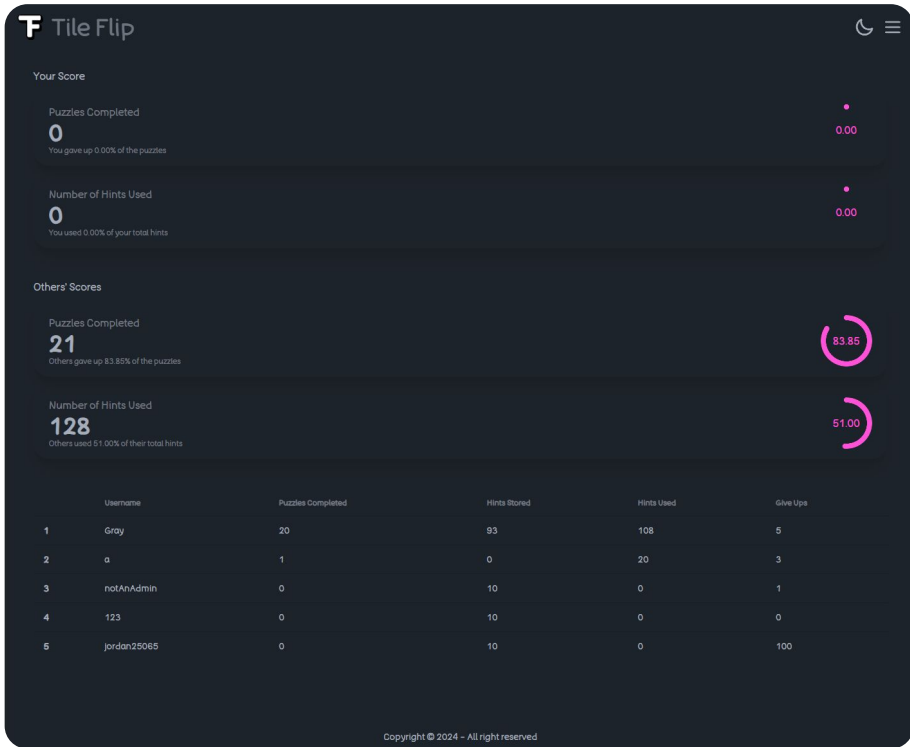Others gave up 83.85% of the puzzles

83.85

Number of Hints Used

128

Others used 51.00% of their total hints

51.00

	Username	Puzzles Completed	Hints Stored	Hints Used	Give Ups
1	Gray	20	93	108	5
2	a	1	0	20	3
3	notAnAdmin	0	10	0	1
4	123	0	10	0	0
5	jordan25065	0	10	0	100

Finished Features (Extras)

Extras: Dark mode, mobile support, and etc..

Bugs Found By Testers (Fixed)

- **Display Issues**
  - The first time you click the change Username button it just gives an 'undefined' message (Fareeha | Logan)
  - Toggle on your solution doesn't reset (Jordan)
  - Page refresh not found error when refreshing non-home page (Fareeha | Logan) (Temp Fix)
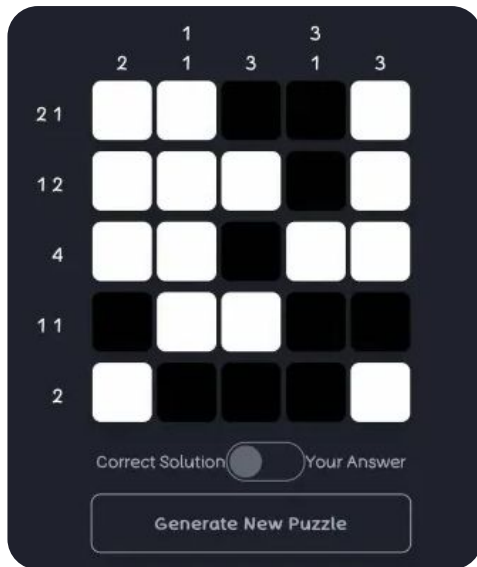- **Gameplay Issues**
  - Can spam check after finish puzzle (cheat for more points) (Joey)
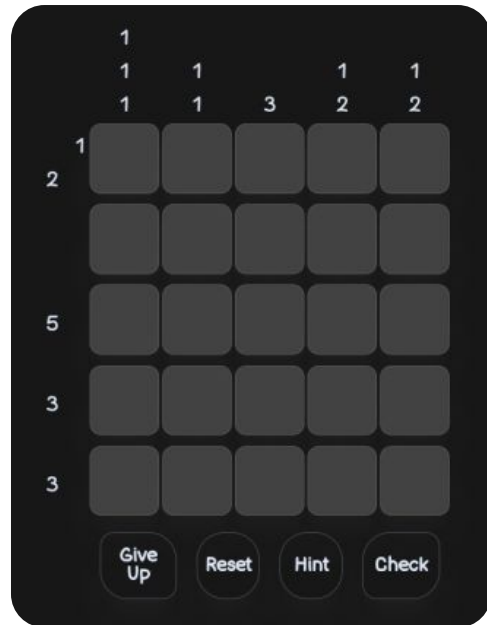- **Extras**
  - Cap leaderboard at top 20 (Jordan)
  - Update tutorial to include an example (Kermie)
  - Add give ups score to leaderboard (Jordan)
  - How to not reset data when updating app (Me)

Bugs Found By Testers (Not Fixed)

- **Gameplay Issues**
  - Show solution will sometimes (rarely) show the incorrect solution (Gray)
- **Display Issues**
  - Weird side display on some phones (Note 9)

Color is a bit off because I use force dark mode on my phone

Demo: http://www.tileflip-monogram.com/