Front End

Public Game Private Game Settings

Public Game List (have a random quick game button too)



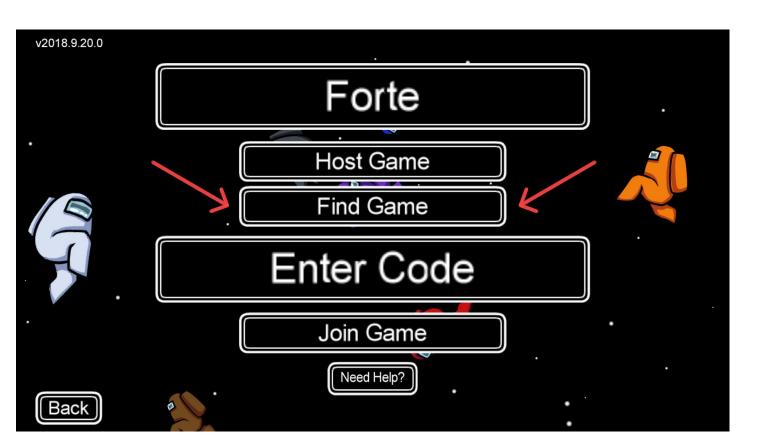
Public Game List

Filters for

- Gamemode
- Server Size
- Search Bar for game name

Have a random game button

Private Game List



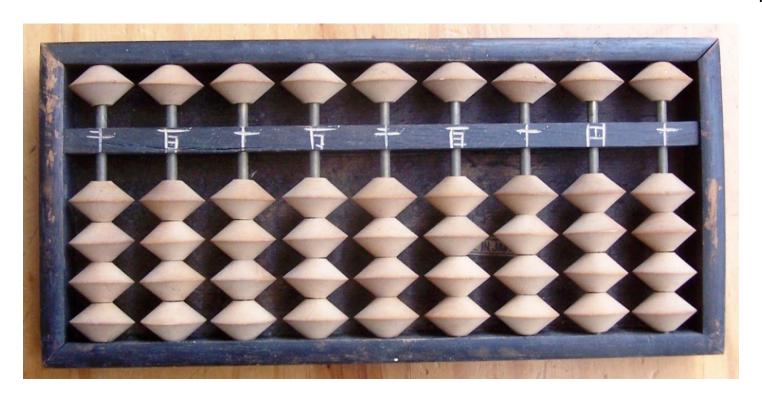
Settings Page (have it be sliders instead of toggle tho)



Game Page

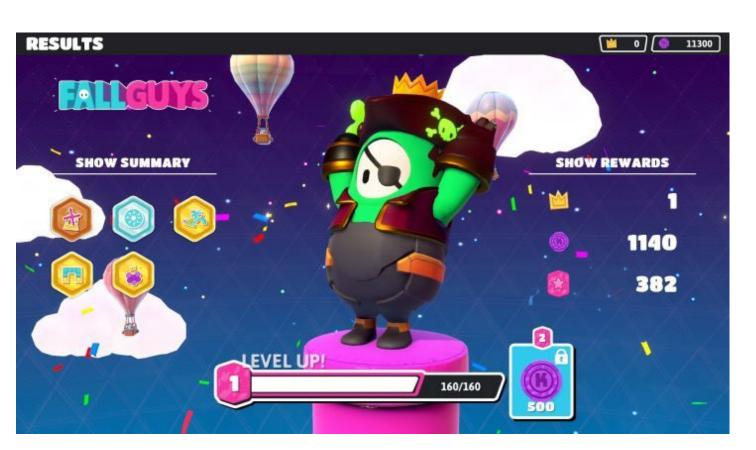


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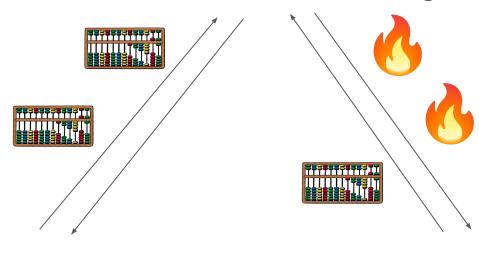
Place: 2/10

Win/Loss screen



Back End

Game Obj



User Obj

User Obj

Game/User Obj description

- The users send data in "Abacus Notation"
- The Game decides who solves the problem faster and returns "heat"
- If the user solves the problem faster they lose heat, but if they solve it slower they gain heat
- At too high of a heat, the user object loses

Abacus Notation

```
{{0,0},{0,0},{0,0},{0,0},{0,0},{0,0},{0,0},{0,0},{0,0},{0,0},{0,0},{0,0},{0,0},{0,0}});
```

```
{abacus}
{column, column, column}
{{top row, bottom row}, {top row, bottom row}}
Top row: 0 or 1
Bottom row: 0 to 4
```

Abacus Notation Example



{{0, 0}, {0, 0}, {0, 0}, {0, 0}, {0, 0}, {0, 0}, {0, 0}, {1, 0}, {1, 0}, {1, 2}, {0, 4}, {0, 0},}

Web Whatever