CONCENTRATION APP

1. Introduction to the app
2. Check your concentration (games)
3. Result of the game
4. Symptoms if we lack of concentration
5. Tips for improving concentration
6. Reference books and link

Games

1. Balls : Slowly changes into to another color

RGB values

Result: Good (5 star) – bad (small chocolate)

1. 5 angry face or above= Low concentration // only toffee

2-5 angry face = moderate concentration |// Big

0/1 angry face = high concentration |// Chocolate bar

1. Number remembrance

8 digit – 2

9 digit – 2

10 digit – 1

3 or more mistakes – bad concentration (only toffee)

Less than 3 mistakes – good concentration (big bar chocolate )

Elements of a game design

1. Goal: To test the concentration of the user.
2. Story: Kids are slowly losing their concentration in this lockdown period, so this app helps you to identify your concentration level and gives us some tips to improve our concentration.
3. Characters:

PC: User

NPC: Different NPCs’ in the games that the user plays.

1. Rules: Follow the sequence of the app.

Each game in the app has a few other rules.

1. Balance: A little sense.
2. Adaptivity: As the player progresses in the games, the games become a bit complex.
3. Chance vs. Skill: How much concentration can he pay.
4. Feedback: His concentration level will be shown.

Questionnaire

1. Write the title of your project

Concentration app.

1. What is the goal of the game?

To test the concentration of the user.

1. Write a brief story of your game?

Kids are slowly losing their concentration in this lockdown period, so this app helps you to identify your concentration level and gives us some tips to improve our concentration.

1. Which are the playing characters of this game?

* Playing characters are the ones which respond to the user based on the input from the user
* Cars, monkeys, dinos, wizards etc, are the playing characters in the game.

|  |  |  |
| --- | --- | --- |
| Number | Character Name | What can this character do? |
| 1 | User | Plays the game |

1. Which are the Non Playing Characters of this game?

* Non Playing characters are the ones which don't have an action or a behaviour when the user interacts with the game.
* Hurdles, stones, bananas, coins, etc are non playing characters in the game.

|  |  |  |
| --- | --- | --- |
| Number | Character Name | What can this character do? |
| 1 | Different NPCs’ in the games | Part of game |

1. How do you plan to make your game engaging?

As the player progresses in the games, the games become a bit complex.

* The player will play on mobile phone. The app can be downloaded from Google’s play store.
* I am going to use Visual Code studio to make my app.
* I am going to use “matter.js” (physics engine)- <https://unpkg.com/matter-js@0.1%204.2/build/matter.min.js>
* I require sound files which I am going to download from the Internet.

With the help of teacher

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A report by Student on Concentration Building app

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