Game Design Document

Fill up the following document

1. Write the title of your project.

RECYCLING APP

1. What is the goal of the game?

To teach kids how to recycle.

1. Write a brief story of your game.

>Teaches children how to recycle (aimed at children aged ten and below).

>Stage one – the app asks for your username and password and there is a ‘forgot password’ option allowing children to change there password if they forgot.

>Stage two – this stage has lots of characters with their name below and some facts about them under their photos and it allows children to pick one character to play with. Once they pick their character they get sent to play the game (stage 3). Furthermore , on top of the characters stage there will be a brief amount of instructions to tell children how to play the game.

>Stage 3 – in this stage there will be a basketball hoop and underneath the basketball hoop there will be 6 or 8 recycling bins , there will be the playes chosen character and next to their character there will be a bunch of trash that can be recycled.

>Hint – on top of stage three in the right corner there will be a hint button which will give the player a hint if they press the button.

>How to play the game? The player has to try and get the correct litter or trash through the basketall hoop and into the right recycling bins , to get more points or money.

1. Which are the playing characters of this game?

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

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| --- | --- | --- |
| Number | Character Name | What can this character do? |
| 1 | Merlin | Wizard  (magic spells). |
| 2 | King Arthur Pendragon | Sword  (knight and king). |
| 3 | Ladybug | Superhero  (creation). |
| 4 | Cat noir | Superhero  (destruction). |
| 5 | Super girl | Superhero  (ice , flying , super strenght , her eyes burns stuff). |
| 6 | Super man | Superhero  (ice , flying , super strenght , his eyes burns stuff). |
| 7 | Spider man | Superhero  (Spider webs and agility and sixth sense , I think). |
| 8 | Bakugou Katsuki | Hero in training  Quirk (power / super power) = explosion. |

|  |  |  |
| --- | --- | --- |
| 5 | Izuku Midoriya | Hero in training  Quirk (power / super power) = ONF (one for all) and black whip |
| 6 | Naruto Uzumaki | Ninja  (very powerful) |
| 7 | Sasuke Uchiha | Ninja  (very powerful) |
| 8 | Sakura Haruno | Ninja  (very powerful) |
| 8 | Hatake Kakashi | Ninja  (very powerful) |
| 7 | Harry Potter | Wizard  (Magical spells) |
| 8 | Draco Malfoy | Wizard  (Magical spells) |

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

* Non-Playing characters are the ones that don't have an action or behavior 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 | Basketball hoop |  |
| 2 | Recycling bins |  |
| 3 | Trash or litter , that can be recycled. |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |

Draw your imagination of this game. What does this game look like?

* Draw the game either on your computer or on paper.
* Add images of the game scenes to show each of the playing and non-playing characters at least once.

How do you plan to make your game engaging?

Basketball.