Game Design Document

Fill up the Following document

1. Write the title of your project.

Spaceship Saga

1. What is the goal of the game?

The goal of the game is to score maximum points, dodge the obstacles and reach till the planet Jupiter.

1. Write a brief story of your game.

A spaceship of ISRO containing machines to check what gases are there in Jupiter and its atmosphere is composed of which gas and to check if there is any solid there or not, launches from Sri Hari Kota launch pad .But between the journey it has to dodge many asteroids as it has cross the asteroid belt between mars and Jupiter. Also it has to dodge meteorites ,stars , planets , stones and remaining’s of spaceships and space dust. The spaceship can move forward ,left and right by using up arrow, left arrow and right arrow respectively.

If the spaceship collides with any of these obstacles then the spaceship would breakdown and the score of the spaceship would become zero. Also it would come down to earth and will catch fire due to friction of air.If the spaceship finally reaches till Jupiter then the game state would become zero and the comment “You Win” would be shown. And the final score would be recorded to compare the score with one of the highest scores.

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 | Spaceship | It can move ahead,left,right with the help of up,left and right arrow key. |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |

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 | Asteroid | It can come in pathway of the spaceship. |
| 2 | Meteorites | It can come in pathway of the spaceship |
| 3 | planets | It can come in pathway of the spaceship |
| 4 | Space dust | It can come in pathway of the spaceship |
| 5 | Remaining particles of spaceships | It can come in pathway of the spaceship |
| 6 | stones | It can come in pathway of the spaceship |
| 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 scenes of the game to show each of the playing and non-playing characters at least once.

How do you plan to make your game engaging? The game can be more engaging as the speed of the spaceship increases by 4m/s after increase in every 100km ,that is increase in score. Also after every 100km obstacles are to formed more frequently.