

DEATH JUNGLE

System test document

The following document reports the tests carried out and the results, on the date reported in the document itself, of the various functions of the game "Death Jungle".

The commands that the player can type from the keyboard during a game were tested, the possibilities of starting a new game or loading a game already started and saved in memory, keeping the data intact, were tested. Furthermore, the items that can be collected in the game and their correct display in the backpack once collected were tested. The riddles that can be found in the game and their correct solution were also tested.

The correct movement between the different rooms was also tested, moving freely back and forth. The correct functioning of the command that the player can type in case he needs help was then verified.

The tests carried out and their results are now reported:

- 1) Riddles
- 2) Initial menu
- 3) Items
- 4) Save game
- 5) Backpack
- 6) Rooms
- 7) Help

Acceptance criterias

- 1) *"As a player, I want there to be some riddles in the game, so that is possible to access the other rooms by solving them".*

Within the game will be simple riddles to solve in order to continue through the rooms by solving them.

- Verify that the riddle is solved correctly by entering the solution.
By entering the correct answer to the riddle is possible to continue the game correctly.

Date: 20/06/2024

- 2) “As a player, I want there to be an initial menu, so that it’s possible to start a new game or upload an already started game”.

The initial menu has two buttons “start” and “upload” to be able to start a new game or to be able to upload and continue a game already saved in memory.

- Verify that the button "start" performs its function correctly.
By pressing the button "start" is correctly creates a new game.
- Verify that the button “upload” performs its function correctly.
By pressing the button "upload" a game previously saved in memory is correctly uploaded.

Date: 20/06/2024

- 3) “As a player, I want the game to have items inside the temple, so that is possible to unlock the doors and continue the game”.

Within the game there are various items to search and unlock, by obtaining them, it will be possible to continue through the game and unlock new rooms, allowing the player to get closer the victory. Items are collected by typing the command “take” on the keyboard.

- Verify that items are collected correctly.
By typing the command "take" on the keyboard the objects are correctly collected and inserted into the backpack.
- Verify that is possible to move to the next room after collecting the necessary items.
After having collected the necessary items, the possibility of continuing into the next rooms is correctly unlocked.

Date: 21/06/2024

- 4) “As a player, I want to be able to save a game and leave the game, so that is possible to save the data and progress”.

By typing the command “save” I can save a game without losing the items collected to that point and having the possibility to continue it once I leave the game. The game will be saved in a AWS S3 bucket.

- Verify that the command "save" performs its function correctly.

By typing the command "save" on the keyboard the game is saved correctly.

- Verify that players can save their game progress.
Players' progress is correctly saved.
- Verify that all collected items are included in the save data.
All collected items are correctly saved in the data.
- Verify by uploading a previously saved game that the name is loaded correctly.
By uploading a saved game the old name is correctly restored.

Date: 22/06/2024

- 5) *"As a player, I want to have a backpack to store items, so that I can see and check the items I have collected in the game".*

By typing the command "backpack" in the keyboard it will be possible to view the items collected in the game.

- Verify that the command "backpack" performs its function correctly.
By typing the command "backpack" on the keyboard shows the collected items correctly.
- Verify that the items collected in the backpack are displayed correctly.
Collected items are correctly displayed in the backpack.

Date: 22/06/2024

- 6) *"As a player, I want to be able to move around the rooms using commands, so that I can explore the map and discover new rooms and new items.*

By typing the commands "nord" "est" "sud" "ouest" from the keyboard it's possible to move around the rooms.

- Verify that the command "nord" performs its function correctly.
By typing the command “nord” on the keyboard you correctly move north.
- Verify that the command "est" performs its function correctly.
By typing the command “est” on the keyboard you correctly move east.
- Verify that the command "sud" performs its function correctly.
By typing the command “sud” on the keyboard you correctly move south.
- Verify that the command "ouest" performs its function correctly.
By typing the command “ouest” on the keyboard you correctly move west.
- Verify that the command "back" performs its function correctly.
By typing the command “back” on keyboard you return correctly to the previous room.

Date: 22/06/2024

- 7) *“As a player, I want there to be the possibility of showing the possible commands to type from the keyboard, so that is an help during the game for the player”.*

By typing the command “help” from the keyboard will show the commands that the player can type during the game.

- Verify that the command "help" performs its function correctly.
By typing the command "help" on the keyboard correctly shows all the possible commands to type.
- Verify that the commands recommended by the command "help" work correctly.
The possible commands recommended by the command "help" work correctly.

Date: 25/06/2024