

Introduction

Scavenger Hunt Puzzle is a web-based game that challenges players to find hidden treasures within a limited time frame. The game is designed to be interactive and engaging. This game is implemented using HTML, CSS, JAVA SCRIPT and PHP.

File Structure:

The game consists of 8 files, which are organized in a specific structure to make it easy for developers to maintain and update the game. The files are as follows:

index.php - This file contains the login form where users are required to input their email and password. The form redirects to verify.php upon submission. This file is crucial for verifying user credentials and creating a session for the user.

form.php - This file contains the form that accepts the player's name, email, password, Confirm Password attributes. On submission, the form redirects to re.php. This file collects the user's basic information.

re.php - This file inserts the submitted form data into the database and checks for a database connection. On success, the file redirects to verify.php. This file checks the form data against the database and creates a connection to ensure that the player can access the game.

verify.php - This file creates session variables and assigns them values. It then redirects the player to the game.php page. This file creates a session for the player and assigns values to the session variables.

game.php - This file contains a navigation bar with links to the play.html page, script.js page, index.php page, and logout.php page. This file provides a central hub for the player to access all the game features. This file contains the actual game that the player interacts with. The game challenges the player to find hidden treasures within a limited time frame. This file is the main game file and is responsible for gameplay.

style.css - This file contains all the CSS styling for the game. This file is responsible for the game's visual appearance.

script.js - This file contains the main gaming logic. This file is responsible for the game's interactivity and logic.

logout.php - This file logs the player out of the game and redirects them to the login page. This file is responsible for ending the player's session and redirecting them to the login page.

Gameplay

The game consists of a login page where the player is required to enter their email and password. Upon successful login, the player is redirected to the game page, the player can access the game, logout.

The game challenges the player to find hidden treasures within a limited time frame. The player interacts with the game by viewing various objects within the game window and answers the

questions. If the player fails to find all the hidden treasures within the given number of attempts, they lose the game.. If the player finds all the hidden treasures,player will receive a message.

How the soft skills of the user is assessed?

The user need to identify and find the treasure which was hidden in a image. The user wins if he go to next clue . On clicking submit answer will give a clue which makes a path closer the treasure. There are only 5 chances if the player exceeds the chances he loses the game. Here the soft skills of the user is assessed by solving the riddles that are being provided behind the numbers and also by the clues in which decoding of the clue through image, text.