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E-Mail :
editor.ijasem@gmail.com
editor@ijasem.org

www.ijasem.org

ULTIMATE FROLIC HUB

Tipirishetty Lahari, P Madhuri Sri
T Santosh (Assistant professor)

Abstract:

Application is a web app that can be accessed from any device and has a wide range of customization options. The suggested online platform will contain all the characteristics described in the preceding section after analyzing and comparing the various tools. Two parts make up the proposed framework. systems: the administrator system, which will be used by educators to design novel forms of memory-based learning, and the platform-generated games that the pupils use to pass the time. This Part an explanation of the web platform's functional parts and an early prototype interfaces

Introduction:

Video games have grown more important in today's high-tech society. We spend a lot of time in enticing virtual worlds on our cell phones, laptops, and gaming consoles, where we compete with our peers and test our mental powers. In the scope of our We've crafted a plan that includes four timeless games as part of our we're exploring the gaming world by including fun games like Memory Match, Word Chain, Word Scramble, and Ultimate Tic Tac Toe. Tic Tac Toe. Our goal with this work is to make playing this game both fun and instructive. Everyone at any age. Let's go on board this gaming trip and explore the alluring lands of Puzzles like Memory Match, Word Chain, Word Scramble, and Ultimate Tic Tac Toe are included. Here are the specific goals of the four easy games included in the Ultimate Frolic Hub: Memory, focus, and pattern identification are just few of the cognitive abilities that might benefit by playing the Memory Matching Game. Improved short-term memory and reflexes are two skills that may help players, particularly young ones. Concentration by limiting one's efforts at matching pairs of cards. It's a fun approach to for mental exercise that's also entertaining. The game of Word Chain helps kids learn new words and encourages

them to think beyond the box. In this game, players take it in a word that reuses the final letter of an existing one as its first letter. Playing this game may improve your language abilities, stimulates creative thinking, and may be used to teach vocabulary and use meanings. The objective of Word Scramble is to test the player's decoding and word-making skills. Not only is this a fun game, but it also helps players become more adaptable and better at understanding language. It's a great way to have fun while learning new words and improving your spelling and vocabulary. The Ultimate Tic Tac Toe is a strategic take on the traditional game. Participation in a variety of concurrent Tic TAC Toe games played on a bigger grid. The revised edition improves analytical abilities, planning, and decision-making abilities. As a result, players are prompted to think about the consequences of their boards, encouraging more in-depth strategic thinking. The Ultimate Frolic Hub's four games provide a wide variety of mental advantages when played together. Among them are enhanced recall, language proficiency, originality, and strategy planning. They provide a stimulating and entertaining environment in which players of all ages may acquire and hone new skills.

Related Work:

Our Ultimate Tic Tac Toe game will transport you to a realm of strategic combat with a unique twist. You're in for a real treat if you like Tic Tac Toe but are looking for something a little more tough to play. In this variant, nine individual Tic Tac Toe boards take the place of the standard 3x3 grid. Making a game that requires strategic planning as well as specific tactical considerations. The board your opponent plays on after each of your moves is entirely up to you. Such a surprising turn increasing the difficulty level, such that every action must be carefully considered. Whether you are a rookie or an Ultimate Tic Tac Toe is a thrilling experience for everyone, whether they are a seasoned difficult enough to stimulate the mind for a long time. Get ready to outsmart your rival and assert your dominance in this clash of unparalleled intelligence and talent. Wordsmiths, you have entered the fascinating world of our Word Chaining Game. For those in the know anyone enjoys the elegance of words and the joy of making associations will find plenty to like here. Experience. The objective of this game is to form a chain of words where each word begins with a different letter. Using the preceding word's last letter. Get ready to wow us with your vocab, and do some elongating. Own originality, and enjoy the process of building a story out of words. Whether the Word Chaining Game is a great way to have some fun with words whether you're a serious loophole provides a chance to investigate the many possible associations between words. Drop the hook let the verbal backlash begin!

We hope you like our intriguing Word Scramble Game and your foray into the realm of linguistic riddles. If you if you're excellent with language and like puzzles, you'll love this. Playing this game, see a jumbled word, and the goal is to figure out what it is by rearranging the letters. Coded message. Put your knowledge of words and puzzle solving to the test and your openness to THE ORIGINAL AND BEST PLACE TO HAVE FUN Technology Division, BRECW Page 3 excitement of deciphering a word puzzle that tests and amuses you. No matter your motivations for The Word Scramble Game is a great way to relax or test your brain in a fun manner. A

fun way to mess about with words. Prepare to sort it out and rule it! Explore the exciting realm of memory training with our Memory Matching Game. Get ready to Test your mental acuity by trying to find matching sets of cards. Acquire a keener memory, sharpen your focus and accept the challenge of finding hidden pairs of identical photos. Hidden behind a deck of cards. You may use this guide whether you're a seasoned pro or just starting out in the gaming industry. This classic will keep you entertained for hours while offering your brain a welcome challenge. Make the switch, coincide and win the Memory Matching Game!

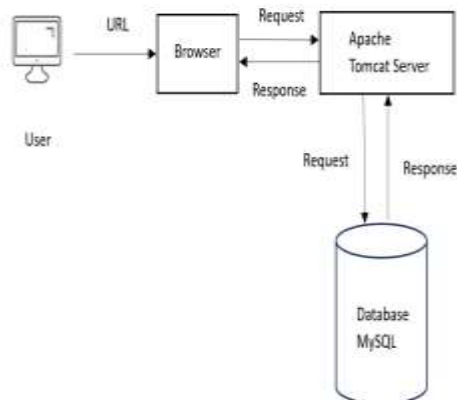
Methodology

Application is a web app that can be accessed from any device and has a wide range of customization options. The suggested online platform will have all the characteristics described in the preceding section after evaluating and contrasting the various tools. As for the suggested system, it is separated into two parts: the administrator system, which faculty will utilize to new memory games may be made, and the platform will provide you with games to play. Pupils to participate in a game. In this article, we'll go through the various components of the web platform and how they work together to features, and the early user interface designs.

The needs of the system are gathered via analysis. At this point, the organization's business requirements will have been thoroughly examined. Alternatives to the current procedure may be investigated. The design process begins with a high-level overview of the problem, including questions like: interaction, low-level design (the specifics of each program's operation), design of user interfaces (how will the interfaces seem). Data planning (which data will be collected) required). During these stages, the framework for the program is established. Evaluation and Planning are essential to the growth process as a whole. Any mistake made during designing might have serious costly to fix in the final stages of software production. Extreme caution is used now, at this stage. The reasoning behind the product is built during this stage.

This is the stage when the designs are implemented in code. The language of choice for computer programmers is traditional language or an application generator. Tools for programming like as the code is generated with the use of tools like compilers, interpreters, and debuggers. Languages such as Programming languages include HTML, CSS, and JavaScript, among others. In relation to appropriate programming language is selected based on the nature of the application.

This is the testing phase of the system. Most computer programs are constructed up of a string of separate modules, these being the focus of independent and thorough testing. After that, we do a comprehensive system test. The Each component is checked independently before being integrated into the whole. The system is evaluated such that verification of proper module interfacing (integration testing), system operability, and completeness. Platform, and data volume (volume testing), and verifying that the system works as planned conforms to expectations (acceptance testing, beta evaluation). Care and Upkeep The system will need upkeep at some point. After some time, software is bound to go through some kind of has been sent out to the buyer. Several factors have contributed to this shift. Potential for change because the system was given some arbitrary values as input. Furthermore, systemic shifts potentially have an immediate impact on how the software works. The program has to be written to allow for any adjustments once deployment has begun.



System architecture.

This project was built in a Windows environment utilizing the client-side technologies of HTML, CSS, and JAVASCRIPT, and the server-side technologies of JAVA and MYSQL. As it is, this approach allows for increased production, less waste, and better resource management. Fully automated using a consolidated database system

Sun Microsystems, primarily renowned for its high-end UNIX workstations, created the JAVA object-oriented programming language. Java was created with portability between platforms and operating systems in mind, both in terms of its source code and its binary implementation. That any computer with Java Virtual Machine (JVM) installed may execute Java apps.

HTML:

As an implementation of ISO Standard 8879, SGML (Standard Generalized Markup Language), HTML is not a programming language. GML), although it has been modified for use in hypertext and is widely used on the web. The rationale behind the beauty of hypertext is that we don't have to stick to a linear reading format. That's not all. HTML may render any file on the host computer, including but not limited to: at a different place physically. It's a flexible language that can be implemented in a variety of contexts. Desktop.

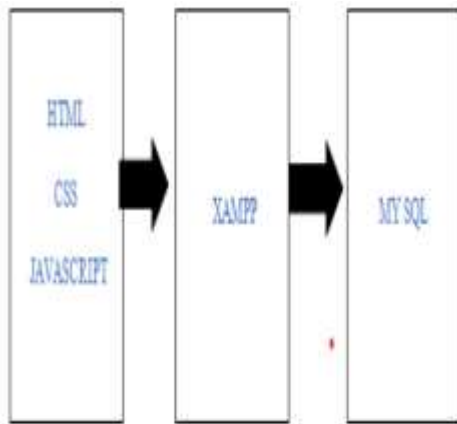
JavaScript:

Netscape Communication Corporation created JavaScript, a scripting language. Corporation. Before being rebranded as JavaScript to reflect its widespread use, the language was known as "Live Script." Connecting java with. Development is possible thanks to JavaScript.

CSS:

"Cascading Style Sheets" (CSS) is an abbreviation for this design language. Computer layout and design are two of CSS's primary functions. HTML/XML page structure development. The components of this language are code parts and these "cascading style sheets" are really CSS files (.css). In CSS, we define the formatted code for websites. It's a markup language that specifies how a document should be displayed. Language. It adds functionality to HTML.

It is often used in conjunction with HTML to alter the interface design and web page presentation.



Software architecture.



Login page.

Results:



First pae.



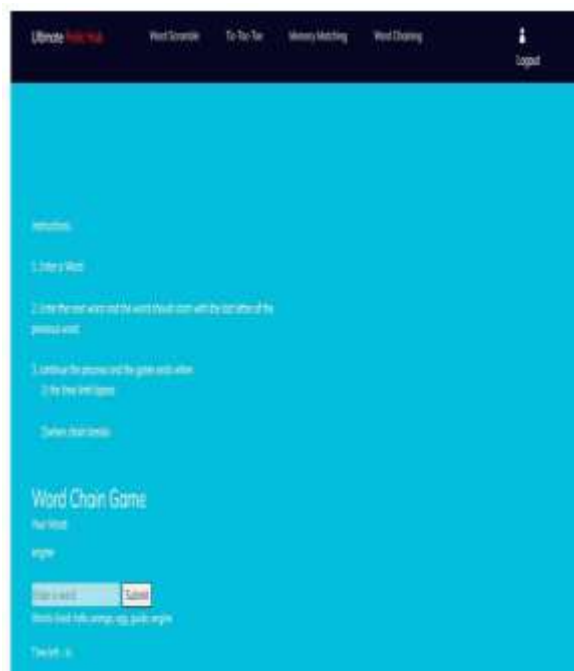
Registration page.



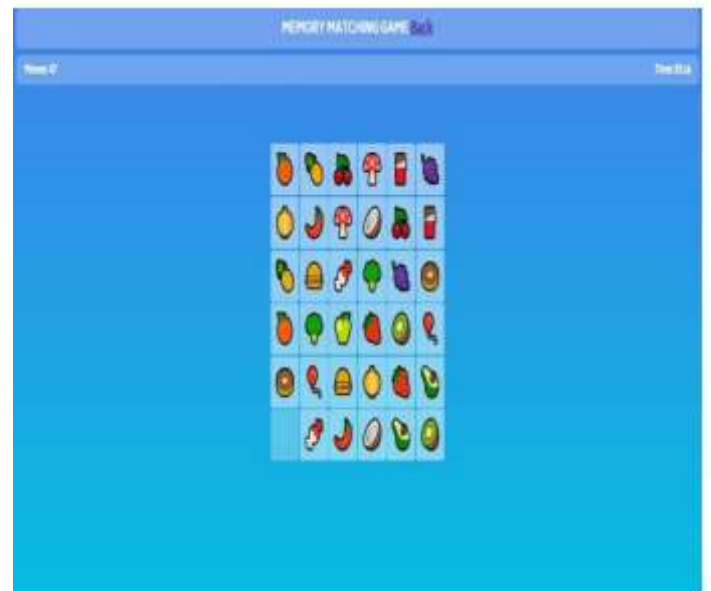
Home page.



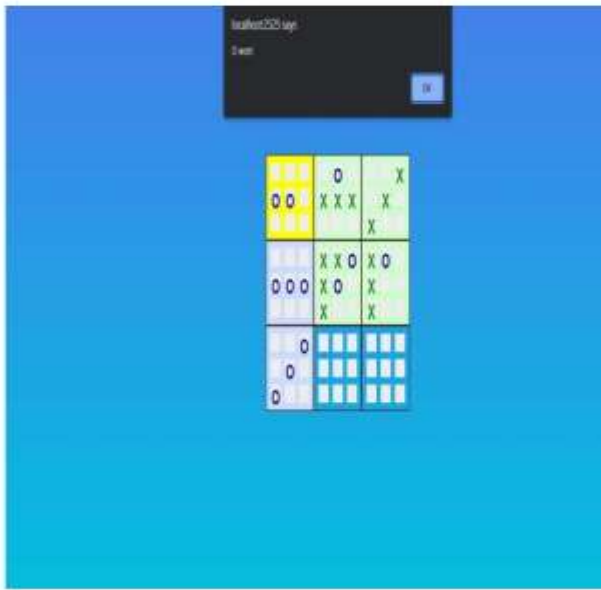
Memory matching game 3X4 grid



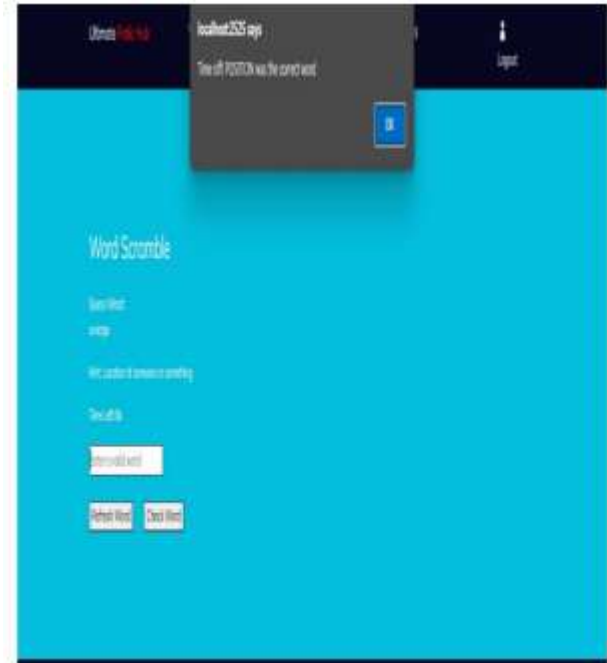
Word chain game.



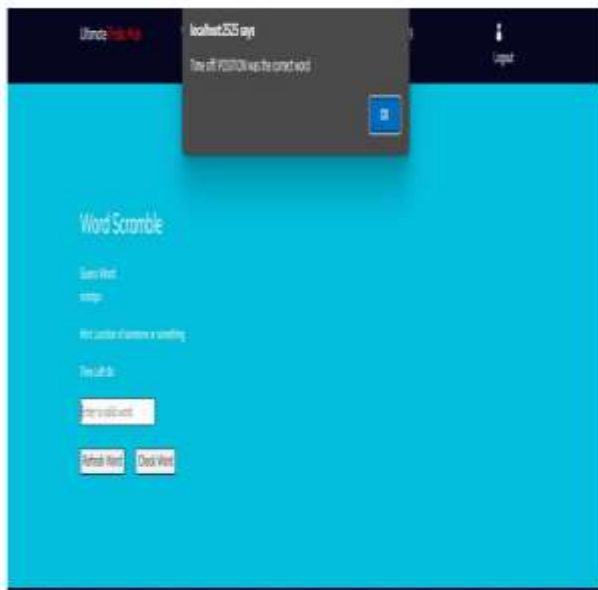
Memory matching game



Ultimate Tic-tac-toe game.



World scramble game.



World scramble game.

Conclusion:

Word scrambles, ultimate tic-tac-toe, and word chains are all fun and difficult ways to put your brain to the test. Word scrambling and ultimate tic-tac-toe teaches language and pattern identification, memory matching and concentration, and word chaining and strategic thinking and decision making. Language skills and originality. Collectively, these games provide a wide variety of stimulating cerebral activities. Games that are fun for people of all ages to play.

Future scope

In the long run, we want to expand this project such that it supports multi-player modes in which two or more people may compete against one another. We can develop an Android app based on your existing web app. The current games may be expanded upon by adding new ones. And a points system may be added to the games.

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