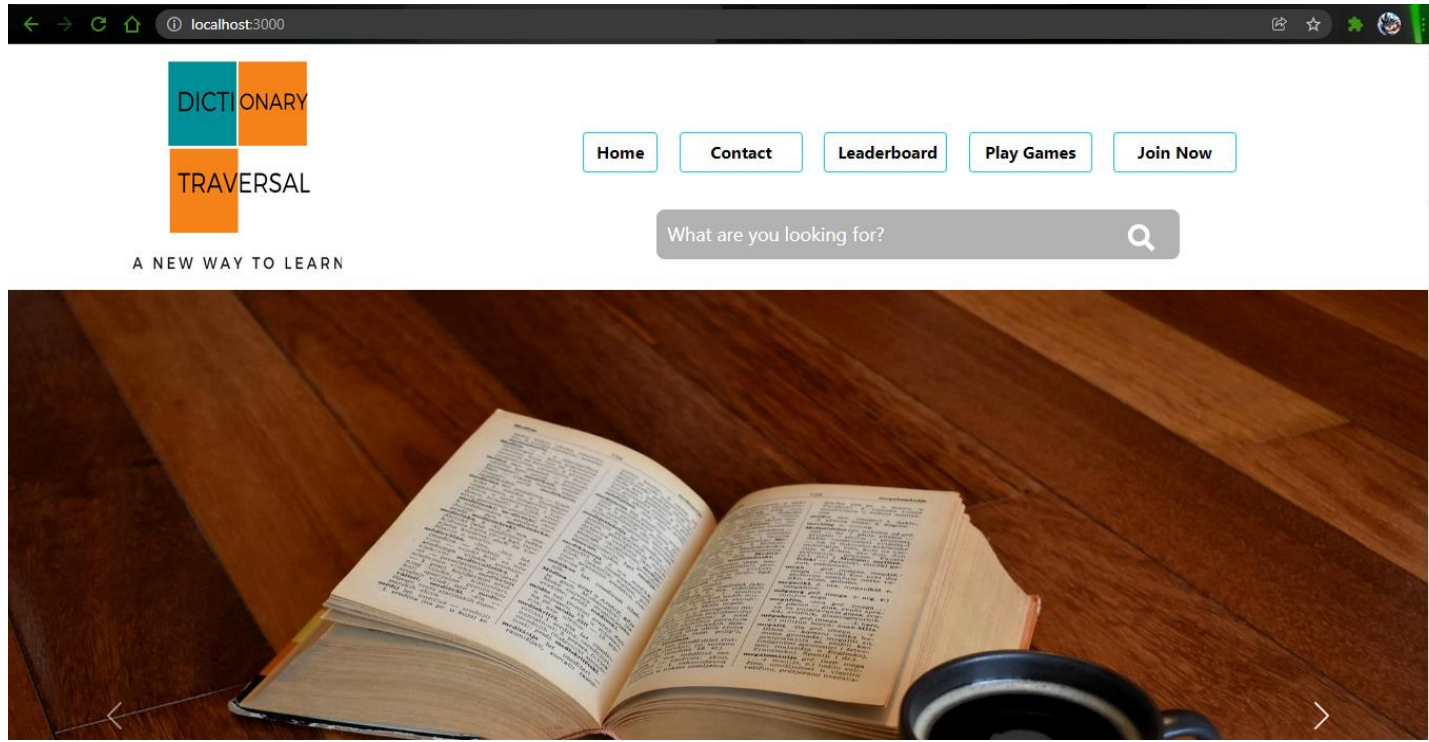


# Dictionary Traversal

A New Way to Learn

# Purpose of Dictionary Traversal

1. Using a page's url the site will automatically detect all the words those are usually difficult to know and the site will highlight those words.
2. Hovering those highlighted words it will show the meaning of those words with synonyms and if possible it will use pictures for better understanding and also use reference of different sites for better learning those words.
3. There will be a leader board where anyone compare with other users how much words they know and it will show top users who knows most words.



## The Landing Page

Here is our landing page from where we will start our walkthrough the website.



You Can Paste URL Here

[https://en.wikipedia.org/wiki/United\\_States](https://en.wikipedia.org/wiki/United_States)

**Submit**

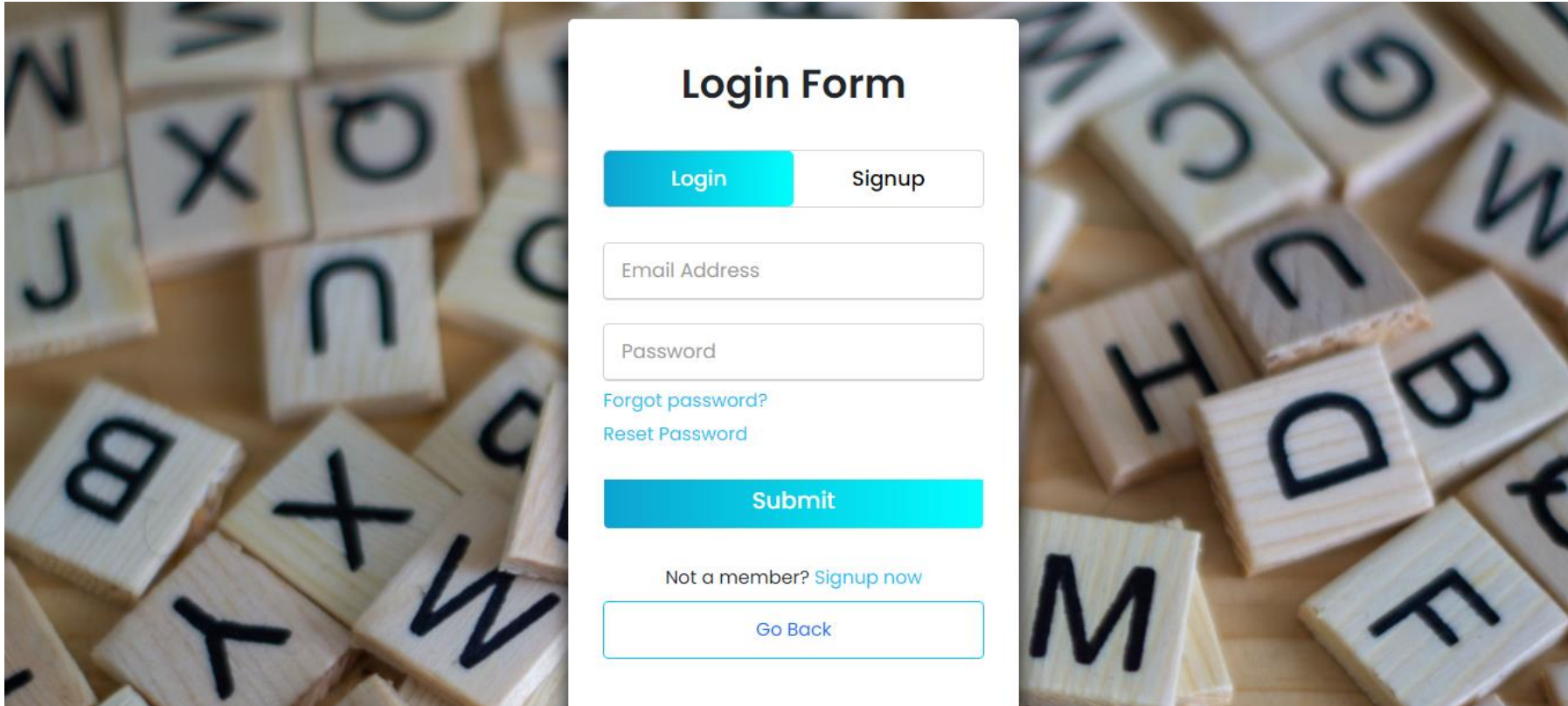
You Can Directly Paste Article Here

You can search any type of article using their URL/links to know their meanings and can know their details.

**Generate**

## Features

Here are the two of five features of our website. One is for pasting urls and one is for pasting articles directly. You can see the word meanings by pasting url on the url section and by pasting articles on the articles section.

A login form is centered on a background of scattered wooden letter blocks. The form has a white background and a thin grey border. It features a title, two buttons for login/signup, input fields for email and password, links for password recovery, a submit button, and a link for new users.

**Login Form**

[Login](#) [Signup](#)

Email Address

Password

[Forgot password?](#)  
[Reset Password](#)

[Submit](#)

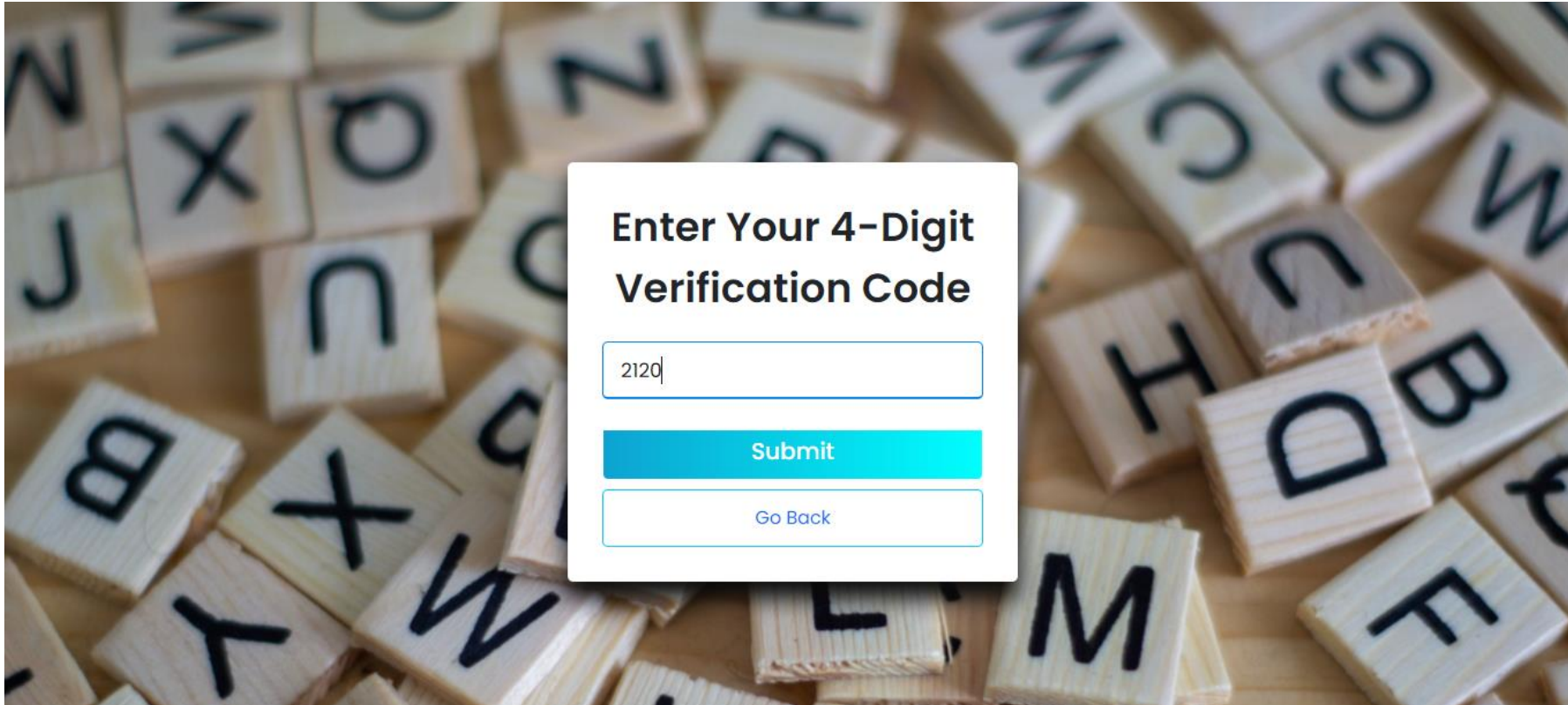
Not a member? [Signup now](#)

[Go Back](#)

## Login Form

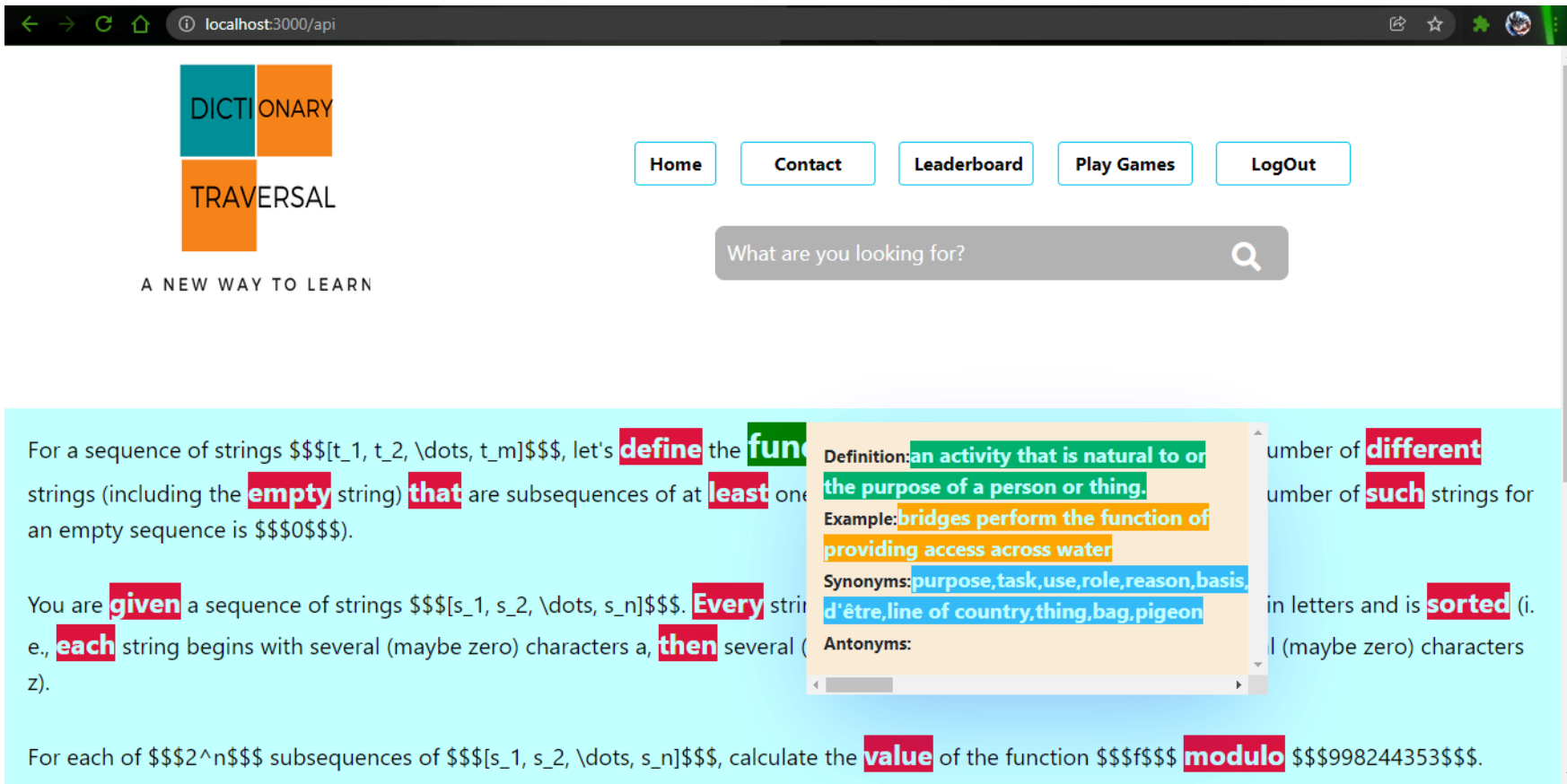
Here is our login form. To use our website's features one must login. And if someone doesn't have any account they have to signup first. Then they'll be able to use the website.





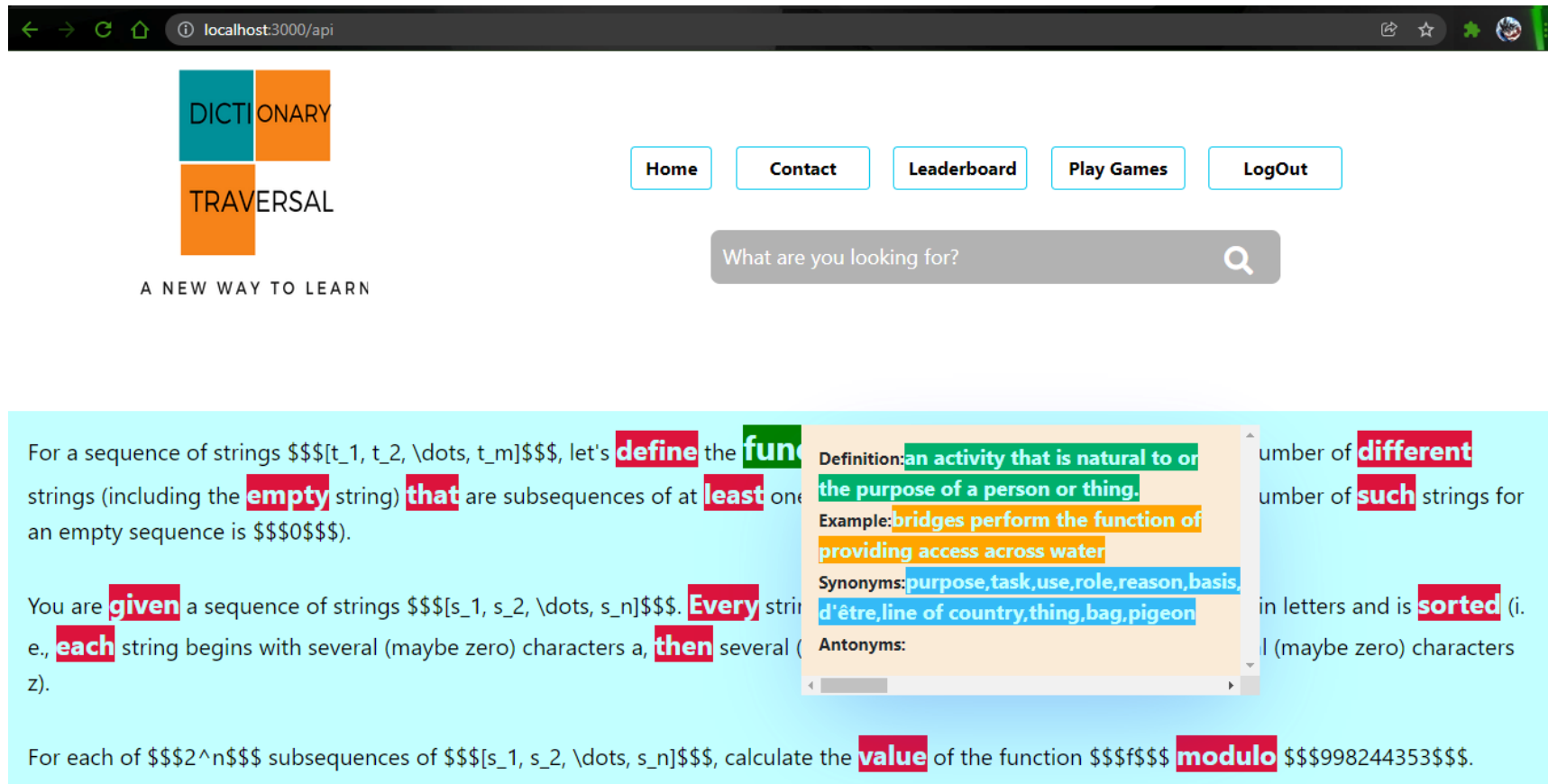
## Email Verification

One must signup through our email verification system.



## Main Features

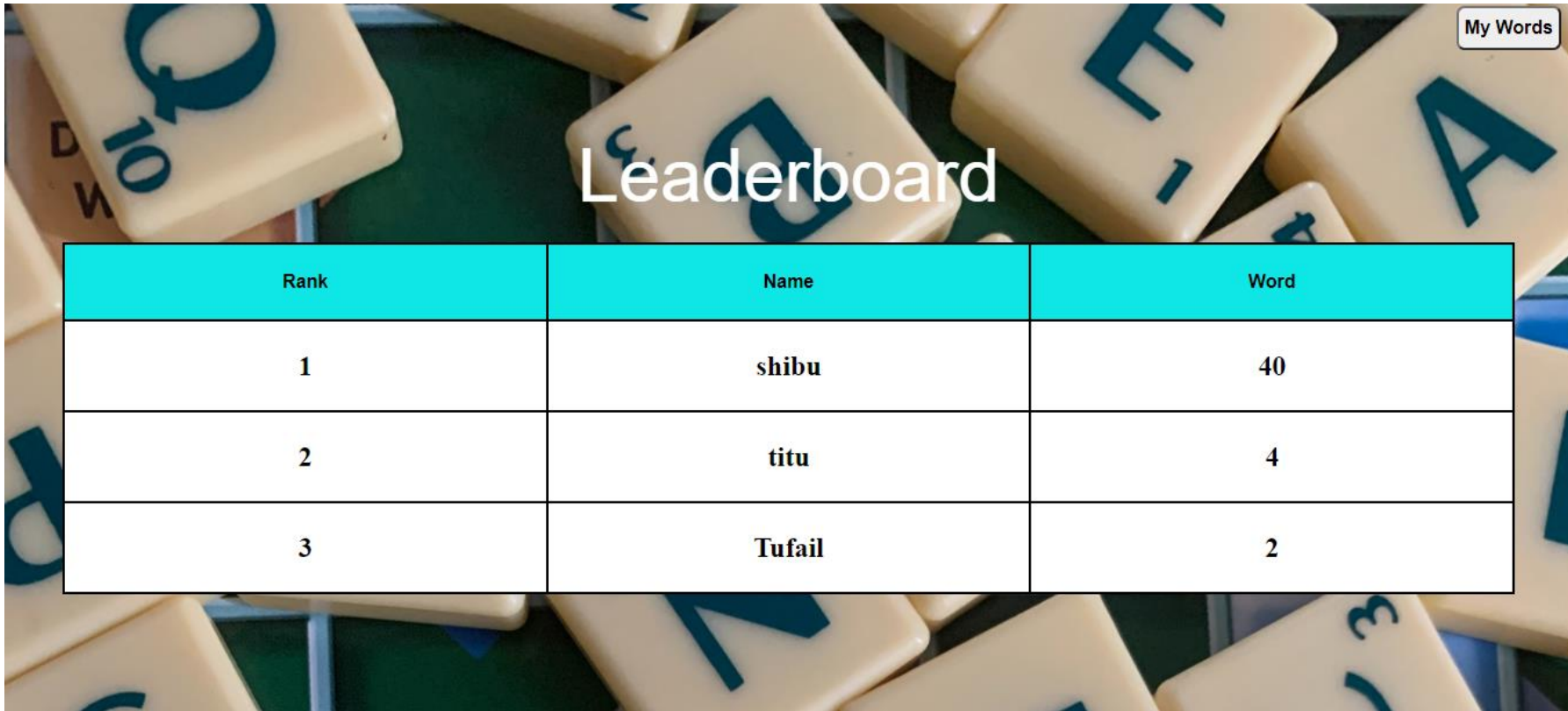
Here is the page where all magic happens. When the user paste any website's url on the search bar all the articles of that website's page will be scraped into this page and whenever he/she hover on the marked words they can see the meanings, synonyms, antonyms and example of that word. The user can also see these things by pasting the article directly.



## Adding Words

The user can add any known words to his portion of leaderboard and hear the pronunciation correctly as well.





My Words

# Leaderboard

Rank	Name	Word
1	shibu	40
2	titu	4
3	Tufail	2

## Leader Board

Here a user can see his rank on the leaderboard based on how many words he/she knows.

A background image of various Scrabble tiles in different colors (yellow, green, blue) with letters and numbers on them. The tiles are scattered and overlapping.

# Here Are The Words You Know Leaderboard

## My Words

1. several

2. calculate

## Known Words

A user can also see the known words he added to his list.

## Games

Here are some games based on word. You can play any games anytime whenever you want. Enjoy.



Word Puzzle



Quiz Time



Coming Soon

## Games

Another feature of our website is the user can play fun word based games. Currently we have two games. Word Puzzle and Quiz game.

Type the answers into the crossword.

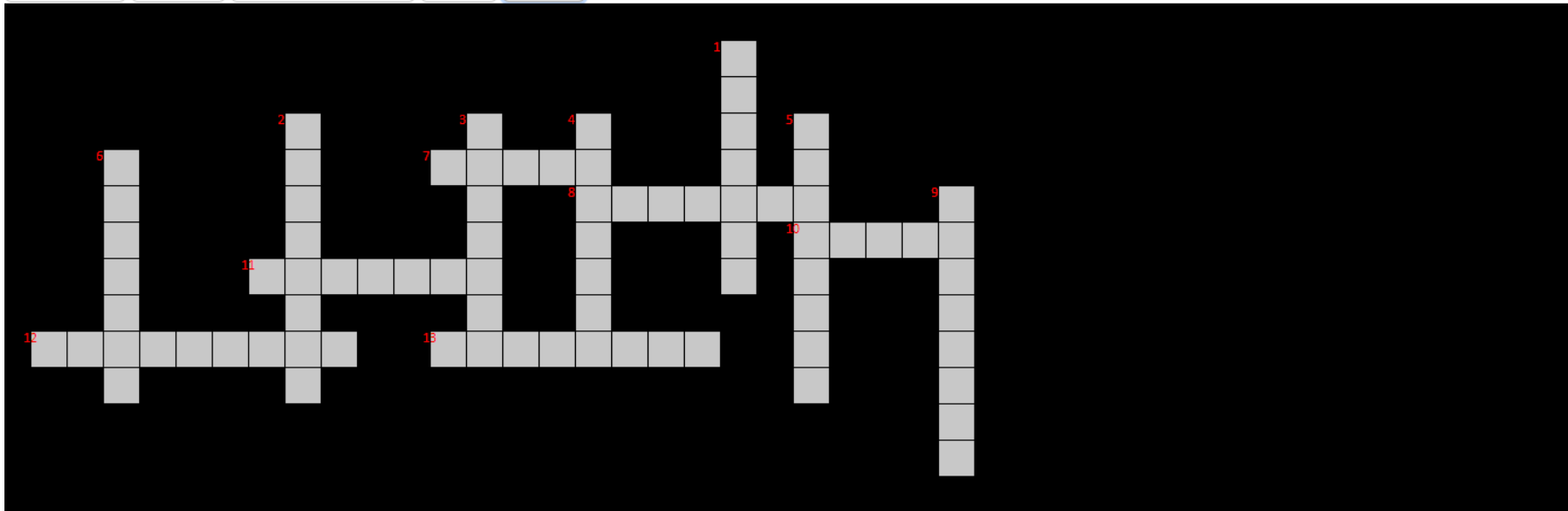
Previous

Reset

Check Answers

Hint

Next



#### ACROSS

7. to read between the lines (5)  
8. to tell in your own words (7)

#### DOWN

1. to tell the similarities of two of more things (7)  
2. to judge (8)

## Word Puzzle

This is the word puzzle game where someone can storm his brain by thinking and have fun as well.





**Words**

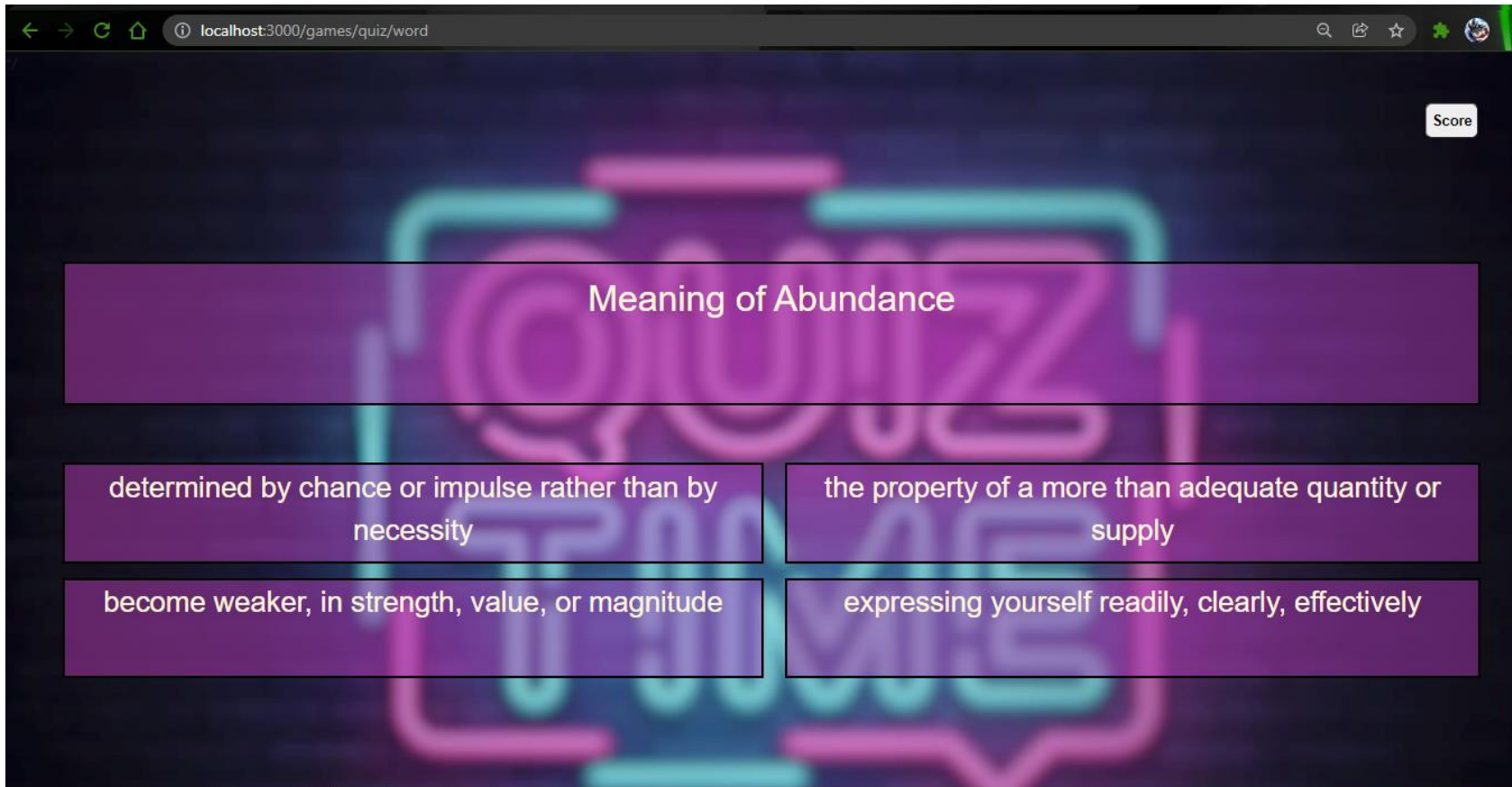


**Idioms and Phrases**

## Quiz Time

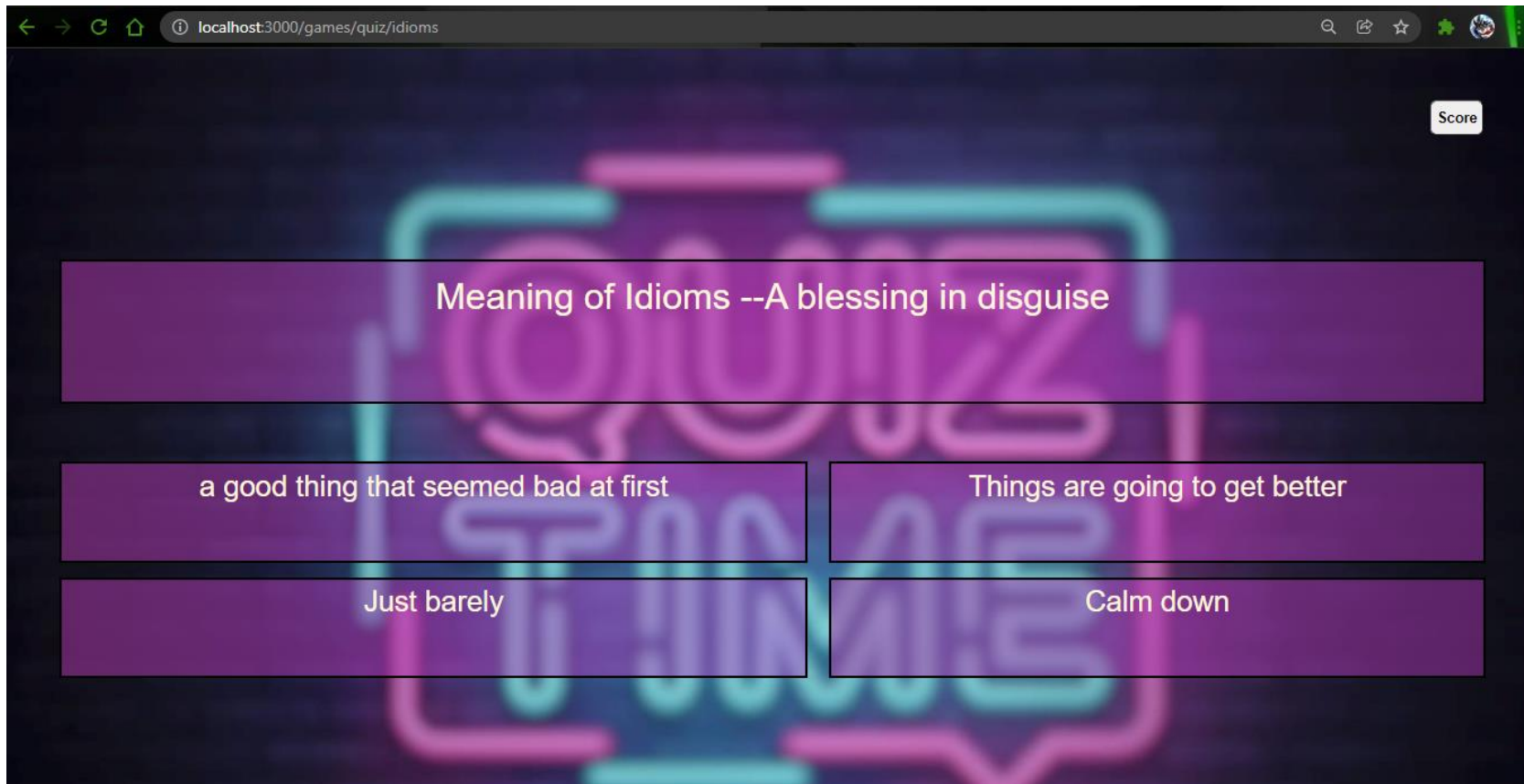
In Quiz Time game we have two options. Words and Phrases. By choosing one option the user can play any of the games.





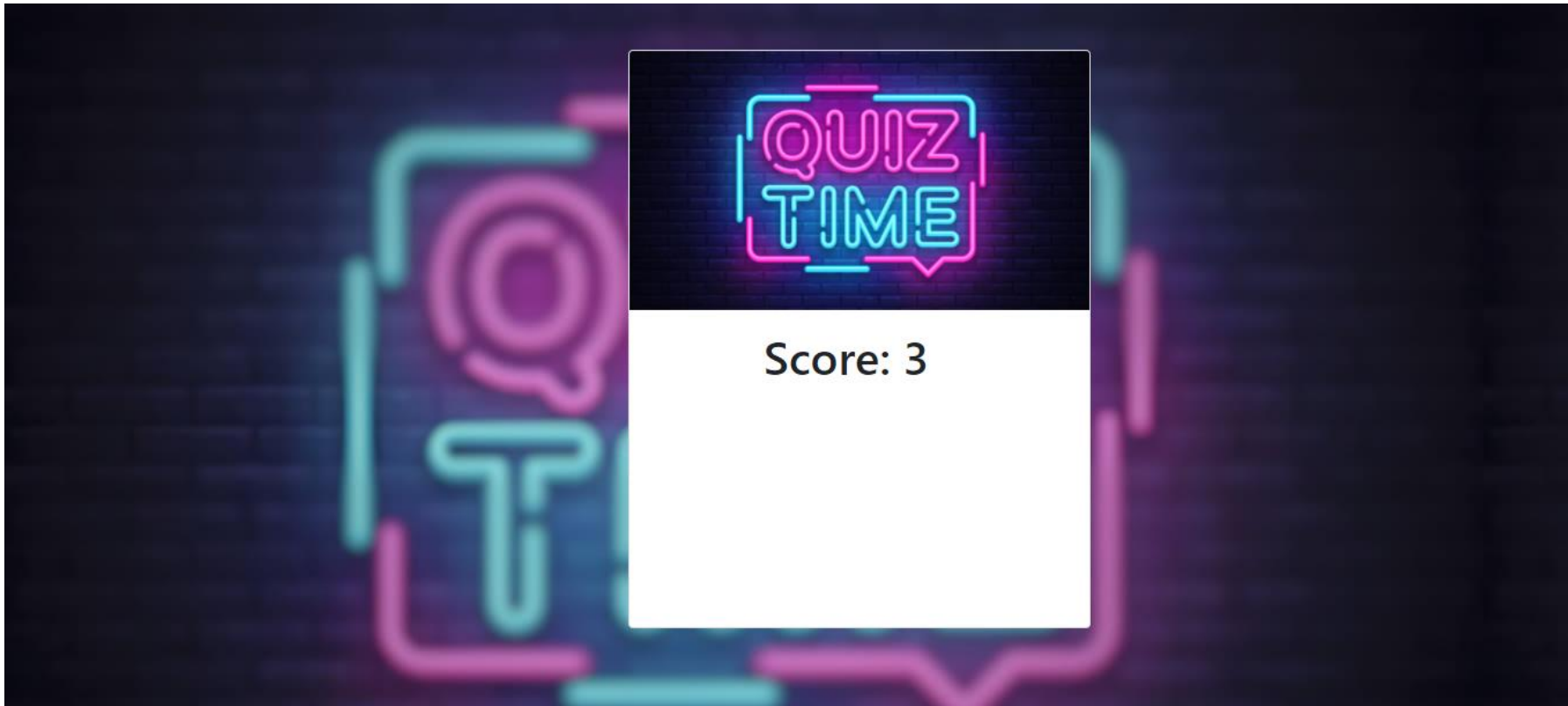
## Quiz (Words)

This is the word quiz game where questions will be asked based on word meanings only.



## Quiz(Idioms & Phrases)

This is the word quiz game where questions will be asked based on idioms and phrases only.



## Score Board

Here the user can see his score of quiz games by clicking the score button.

## Technologies Used:

Front-End: For Front-end we have used basic HTML, Advanced CSS, Bootstrap & Javascript.

Back-End: For Back-end we have used Node.js, Express.js, Restful APIs and MongoDB for handling Database.

# Contributions:

- ❖ So finally we have reached the conclusion of our project. Here are our contributors :
- ❖ Group-48 → Team JOJO
  - Md.Tangid Khan(2018331060) → Design Corrections, E-mail Verifications and Dynamic Leaderboard and related Backend works.
  - Fazla Rabby Rady(2018331124) → UI/UX Designs and Structures
- ❖ Group-20 → Team Storm£Breaker
  - Ashraful Islam Shanto(2018331056) → Word meaning scraping, Add to list feature, Play Games feature and Database related Backend works.
  - Hrithik Majumdar Shibu(2018331052) → The whole Front-end Design and Graphics User Interface Structure related works.



And That's Dictionary Traversal in a Nutshell.

Here we have talked about the Features and Functionalities of the website. Hope you've got a clear view of our website.

Thank You.