

TheALLDictionaries

Young-jae Moon

Problem Statement

1. People need to look up words, but just 1 source may not be sufficient to understand.
2. While you can look up words across multiple sites...
 - a. time consuming and
 - b. hence some users just give up trying to understand the word.
3. Once they look up the word they may want to study it further for memorization.

Solution

1. Our website will make it convenient for users to look up a word from 16 different sources.
2. The users can also participate in various typing games to improve their English vocabularies and grammar.
3. The user can chat in a group chatting page for fun.



Functional Requirements

All users shall...

1. be able to look up for words.
2. be able to view the search results corresponding to each source.

The signed-in users shall...

1. be able to change its full name.
2. be able to change its nickname.
3. be able to change its password.
4. be able to change its phone number.
5. be able to change its email address.
6. be able to add, edit and delete profile pictures.
7. be able to delete its account.
8. be able to view its search history.
9. be able to delete its search history.
10. be able to change the order of each dictionary and the other sources to be displayed after search.

The signed-in users shall...

11. be able to make friends with other users.
12. be able to chat with other users and administrators in the group chat room.
13. be able to participate in a word typing challenge and submit its highest score.
14. be able to delete its score in the word typing challenge.
15. be able to participate in a sentence typing challenge and submit its highest score.
16. be able to delete its score in the sentence typing challenge.
17. be able to participate in a text typing challenge and submit its highest score.
18. be able to delete its score in the text typing challenge.

The signed-in users should...

1. be able to privately chat with its friends.
2. be able to privately chat with the administrators.
3. be able to add its status message to show in the ranking page of each challenge.

The administrators shall...

1. be able to change its full name.
2. be able to change its nickname.
3. be able to change its password.
4. be able to change its phone number.
5. be able to change its email address.
6. be able to change its job title.
7. be able to add, edit and delete profile pictures.
8. be able to delete its account.
9. be able to create and delete text typing challenges.
10. be able to chat with other users and administrators in the group chat room.

The administrators should...

1. be able to privately chat with other users and administrators.

The system shall...

1. be able to generate problems for the word typing challenge based on the Scholastic Aptitude Test (SAT) vocabularies.
2. be able to determine the ranking and the level of the users for word typing challenge based on the score.
3. be able to generate problems for the sentence typing challenge based on the famous quotes that people have said.
4. be able to determine the ranking and the level of the users for sentence typing challenge based on their scores.
5. be able to determine the ranking, the level, and the score of the users for text typing challenge based on the mean average of characters typed per minute and the accuracy of the text entered.

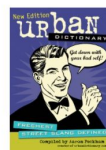
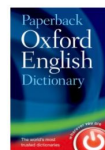
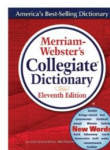
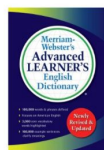
The system should...

1. display search results from:
 - a. Collins COBUILD Advanced Learner's Dictionary (British English)
 - b. Collins English Dictionary
 - c. Etymonline
 - d. The Free Dictionary
 - e. synonym.com
 - f. WordNet
 - g. Wiktionary
 - h. Visuwords

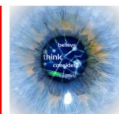
User Interface (UI)

The ALL Dictionary

Search a word from 16 different sources



wordnik



Sign in

Use The ALL Dictionary

Your userID

Password

Sign in

Don't have an account yet? [Sign up](#)

Sign up

Use The ALL Dictionary

User ID

Password

Confirm password

Full name

Nickname

Email Address

Phone Number

Sign up

Already have an account? [Log in.](#)
Are you an administrator? [Sign up an administrator account.](#)

Sign up

Use The ALL Dictionary

User ID

Password

Confirm password

Full name

Nickname

Email Address

Phone Number

Job Title

Sign up

Already have an account? [Log in.](#)

Merriam Webster's Learner's Dictionary

Short definition:
1. Learner's Dictionary in Merriam Webster's Dictionary

Merriam Webster Dictionary

Short definition:
1. Learner's Dictionary in Merriam Webster's Dictionary

Oxford English Dictionary

Definition:
1. Learner's Dictionary in Oxford English Dictionary

Examples:
1. No example found in Oxford English Dictionary

The Free Dictionary

[Click for more free words from The Free Dictionary](#)

Your Dictionary

[Click for more free words from Your Dictionary](#)

Urban Dictionary

Definition:
1. Urban Dictionary in Urban Dictionary

[Click for more free words from Urban Dictionary](#)

Etymonline

[Click for more free words from Etymonline](#)

Wordnik

[Click for more free words from Wordnik](#)

WordNet

Part of speech:
1. The word, is not found in WordNet

Definition:
1. The word, is not found in WordNet

Synonym.com

Definition:
1. No word found at synonym.com

Antonyms:
1. No word found at synonym.com

Wikipedia

Title, Name:
BUTTER

More:
[Click for more free words from Wikipedia](#)

Wiktionary

is not found in Wiktionary

Part of speech, is not found in Wiktionary

Examples:
1. is not found in Wiktionary

Google News

1. No such word found

Google Images

1. No such image found

YouTube

1. No results found in YouTube

Visualwords

[Click for more free words from Visualwords](#)

Change Dictionary Order

1st Order	Merriam Webster's Learner's Dictionary	▼
2nd Order	Merriam Webster Dictionary	▼
3rd Order	Oxford English Dictionary	▼
4th Order	The Free Dictionary	▼
5th Order	Your Dictionary	▼
6th Order	Urban Dictionary	▼
7th order	ESynonym.com	▼
8th order	Wordnik	▼
9th order	WordNet	▼
10th order	Synonym.com	▼
11th order	Wikipedia	▼
12th order	Wiktionary	▼
13th order	Google News	▼
14th order	Google Images	▼
15th order	YouTube	▼
16th order	Visualswords	▼

[Update](#)

Welcome to Word Typing Challenge!

The words have been extracted from [FreeVocabulary.com](#)

Enter the word shown within **4** seconds.

Note: Copying and pasting is automatically disabled by the system.

You can click the word to look it up while playing a game.

The search result will be shown in either a new tab or window.

You can submit your score to the server, but only the highest score will be saved in the server.

To submit your score, click the submit button after the game is over. You shall not click the restart button.

See the full ranking [here](#).

Start

Levels for each score

Beginner: 0 - 10

Novice: 11 - 20

Intermediate: 20 - 30

Fast: 31 - 40

Professional: 41 - 50

Expert: 51 - 60

Master: 61 - 70

Grand Master: 71 - 80

Enlightened: 81 or above

Welcome to Word Typing Challenge!

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[See the full ranking here.](#)

contort

Time remaining: 0 seconds

Score: 0

You are a beginner.

Game Over.

Levels for each score

Beginner: 0 - 10

Novice: 11 - 20

Intermediate: 20 - 30

Fast: 31 - 40

Professional: 41 - 50

Expert: 51 - 60

Master: 61 - 70


Grand Master: 71 - 80

Enlightened: 81 or above

Word Typing Challenge Ranking

The ranking is based on your highest score.

You can delete your result from [here](#).

1.  Starbucks Ice Cappuccino test2

Level: Enlightened
Highest score: 152

2.  aintseungchanyo aintseungchanyo

Level: Grand Master
Highest score: 78

3.  BMW maniac test3

Level: Master
Highest score: 70

4.  Japanese Penguin test1

Level: Professional
Highest score: 44

5.  alex

Level: Novice
Highest score: 17

6.  Small tree test5

Level: Novice
Highest score: 11

7.  mary mm

Level: Beginner
Highest score: 7

8.  PinguPenguinPingu test4

Level: Beginner
Highest score: 3

9.  TSI tajvir

Level: Beginner
Highest score: 0

[Go back](#)

Welcome to Sentence Typing Challenge!

The quotes have been extracted from <https://type.fit/api/quotes>

Enter the quote shown within **12** seconds.

Note: Copying and pasting is automatically disabled by the system.

You can submit your score to the server, but only the highest score will be saved in the server.

To submit your score, click the submit button after the game is over. You shall not click the restart button.

See the full ranking [here](#).

Start

Levels for each score

Beginner: 0 - 10

Novice: 11 - 20

Intermediate: 20 - 30

Fast: 31 - 40

Professional: 41 - 50

Expert: 51 - 60

Master: 61 - 70


Grand Master: 71 - 80

Enlightened: 81 or above

Sentence Typing Challenge Ranking

The ranking is based on your highest score.

You can delete your result from [here](#).

1.  Starbucks Ice Cappuccino test2

Level: Enlightened
Highest score: 92

2.  Small tree test5

Level: Grand Master
Highest score: 77

3.  Japanese Penguin test1

Level: Intermediate
Highest score: 27

4.  BMW maniac test3

Level: Novice
Highest score: 11

5.  PinguPenguinPingu test4

Level: Beginner
Highest score: 2

[Go back](#)

Welcome to Text Typing Challenge!

Literary text typing challenges

1. Title: **A Day Away** (By Brian E. Pandee)

Created by admin1234

[Load game!](#)

2. Title: **The road not taken** (By Robert Frost)

Created by admin1234

[Load game!](#)

Speech script typing challenges

1. Title: **Markus Flasch, CEO of BMW M GmbH**

Created by admin1234

[Load game!](#)

2. Title: **Pieter Nota, Member of the Board of Management of BMW AG, Customer, Brands and Sales**

Created by admin1234

[Load game!](#)

Law typing challenges

1. Title: **The U.S. Constitution Article IV Section 1**

Created by admin1234

[Load game!](#)

2. Title: **The U.S. Constitution Article I Section 4: Elections**

Created by admin1234

[Load game!](#)

3. Title: **Magna Carta (Preamble) 1215**

Created by admin1234

[Load game!](#)

Article typing challenges

1. Title: **SUSPENSION. OPTIMAL ON ALL ROADS, PERFECT FOR ALL RIDING STYLES.**

Created by admin1234

[Load game!](#)

2. Title: **THE DESIGN OF THE K 1600 GTL The design: perfection.**

Created by admin1234

[Load game!](#)

3. Title: **THE BMW K 1600 GTL LUXURIOUS TRAVEL. FIRST-CLASS ARRIVAL.**

Created by admin1234

[Load game!](#)

Exemplar essay typing challenges

1. Title: **SAT Essay 1 Bogard Sample 8 1st paragraph**

Created by admin1234

[Load game!](#)

Begin the challenge!

Challenge name: A Day Away (By Brian E Pardee)

You can view the ranking for "A Day Away (By Brian E Pardee)" [here](#).

Note: The textbox will automatically resized as you type the text.

Copying and pasting is automatically disabled by the system.

Once you type the equal or more number of characters (with spaces), the game will be automatically stopped.

Write the following:

Some feelings are shallow, some feelings are deep.
Some make us smile, some make us weep. Some
we love, some we don't.

Characters (with spaces): 118

Write the text here:

Characters (with spaces):

Characters per minute: 0

Accuracy: 0

Current score:

Start

Levels for each score

Beginner: 0 - 150

Novice: 151 - 300

Intermediate: 301 - 400

Fast: 401 - 500

Professional: 501 - 600

Expert: 601 - 700

Master: 701 - 800

Grand Master: 801 - 900

Enlightened: 901 or above

(score* = characters per minute x accuracy)

Your accuracy is calculated based on Dice coefficient algorithm.

Text typing challenge ranking

Challenge name: A Day Away (By Brian E Pardee)

The ranking is based on your highest score.

You can delete your result from [here](#).



1. Starbucks Ice Cappuccino test2

Level: Professional
Highest score: 531



2. Japanese Penguin test1

Level: Professional
Highest score: 507



3. BMW maniac test3

Level: Fast
Highest score: 481



4. TSI tajvir

Level: Novice
Highest score: 195

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Text typing challenge ranking

Challenge name: Daddy by Sylvia Plath

The ranking is based on your highest score.

1. Nobody has participated yet.

[Go back](#)

ACCOUNT

General

Friends

Your Friends

Add



Merry Mekonnen
mary

Unfriend



Coffee
Starbucks Ice Cappuccino

Unfriend



George Walker Bush
Small tree

Unfriend

Check Friend Requests

View

If you no longer want to use The ALL Dictionary, you can [delete your account](#).

ACCOUNT

[General](#)

[Friends](#)

View friend requests



Pingu Moon

PinguPenguinPingu

Reject

Accept

CSE 416 Final Project

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Let's chat!

PinguPenguinPingu (test4, 2021-06-01 22:13:46) : Because I cannot afford a BMW car. I instead ride a sledge.

Small tree (test5, 2021-06-01 22:19:34) : Very bad to hear that. Your sledge is made out of wood/bush/tree.

Starbucks Ice Cappuccino (test2, 2021-06-01 23:25:09) : Yeah. Pingu do not feel sympathy for trees.

PinguPenguinPingu (test4, 2021-06-02 07:25:45) : I rarely see a tree in Antarctica.

Japanese Penguin (test1, 2021-06-02 07:39:14) : Pingu is my boy friend.

PinguPenguinPingu (test4, 2021-06-02 07:40:01) : Japanese Penguin is my girl friend.

PinguPenguinPingu (test4, 2021-06-02 07:42:06) : But whereas I am an Emperor penguin, she is a King penguin.

PinguPenguinPingu (test4, 2021-06-02 07:44:23) : She is so cute.

PinguPenguinPingu (test4, 2021-06-02 07:47:07) : She is kind-hearted.

PinguPenguinPingu (test4, 2021-06-02 07:49:15) : She is lovely!

PinguPenguinPingu (test4, 2021-06-02 07:51:03) : I cannot live without her!

PinguPenguinPingu (test4, 2021-06-02 07:42:06) : But whereas I am an Emperor penguin, she is a King penguin.

PinguPenguinPingu (test4, 2021-06-02 07:44:23) : She is so cute.

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PinguPenguinPingu (test4, 2021-06-02 07:49:15) : She is lovely!

PinguPenguinPingu (test4, 2021-06-02 07:51:03) : I cannot live without her!

Enter your text message here

Send

Ask sth!