



SOFTWARE ENGINEERING

Assignment

User Guide

Instructor

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ABSTRACT

"TYPING YOUR WORDS" APPLICATION



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1 INTRODUCTION

In the Information Technology era, typing skill is one of the most essential skills that help people to get familiar with computers and the Internet. Besides, the need of learning new language is always the high priority of people all over the world, those who want to be more internationalized. However, one of the most challenging things about learning a new language is learning new words.

From that problem, and with the experience of using some typing applications, our group started to have an idea, which is the combination of the typing test application and new words learning.

The application not only tests the typing speed but also has a database for login user, to help them type their own words that they were allowed to input into the database. With that improvement, the application is believed to help the users to memorize the word easily, instead of just writing by hand on papers.

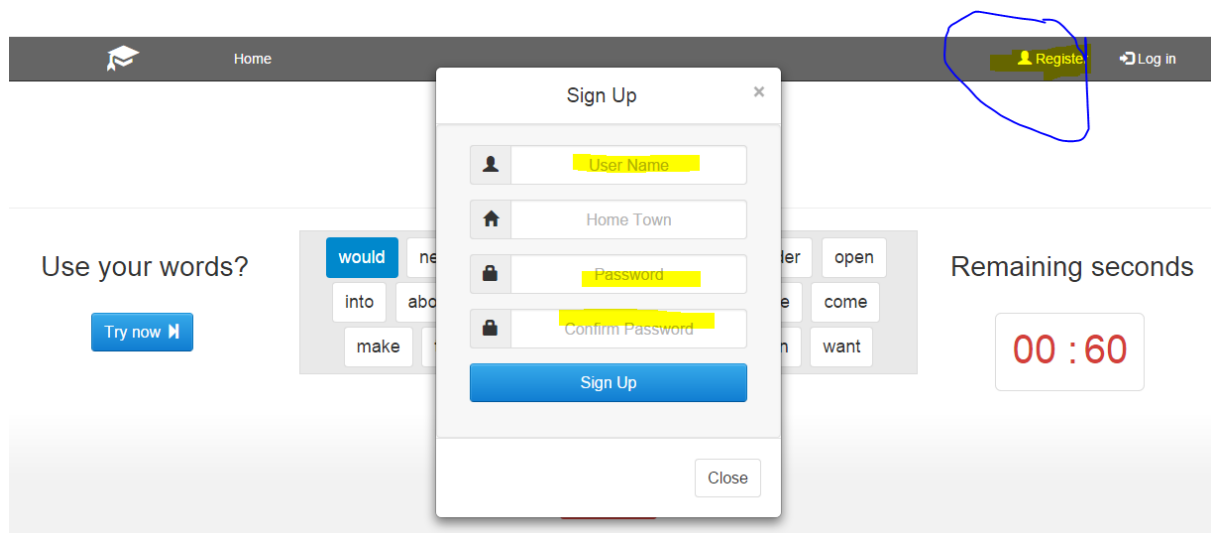
Overall, "Typing your words" application will help the customers to both improve typing skill and enhance language learning at the same time. It is undoubtedly more interesting than just doing either of them.

2 USER GUIDE

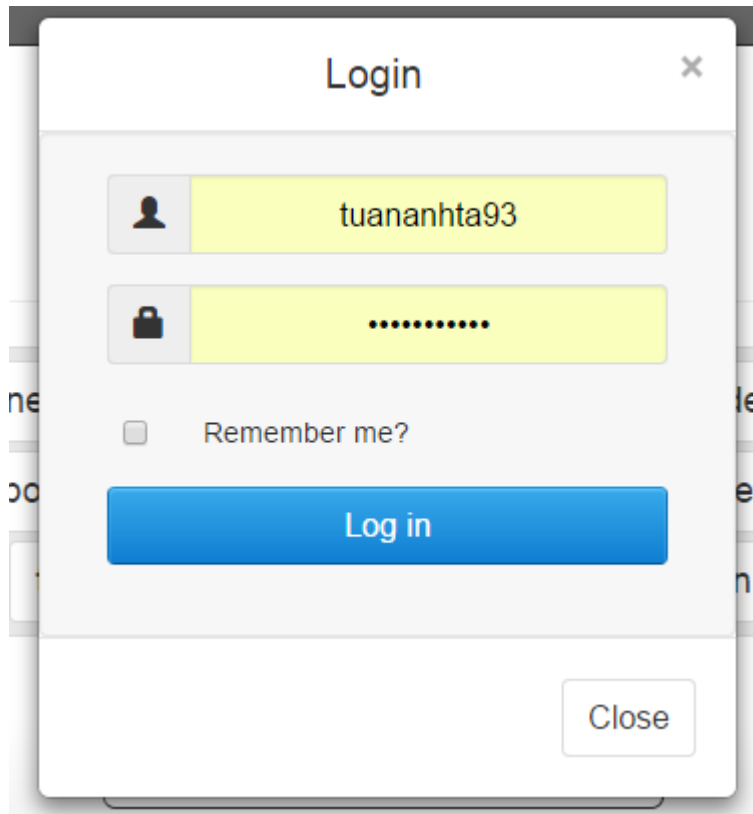
2.1 User Authorization

2.1.1 Registration

- i. Click the Register button
- ii. Fill the Sign Up form



2.1.2 Login

A login dialog box with a title bar labeled "Login" and a close button (X). The dialog contains two input fields: the first is for a username, with a person icon on the left and the text "tuananhta93" entered; the second is for a password, with a lock icon on the left and masked text ".....". Below these fields is a checkbox labeled "Remember me?". At the bottom left is a blue "Log in" button, and at the bottom right is a "Close" button.

Login

☐ Remember me?

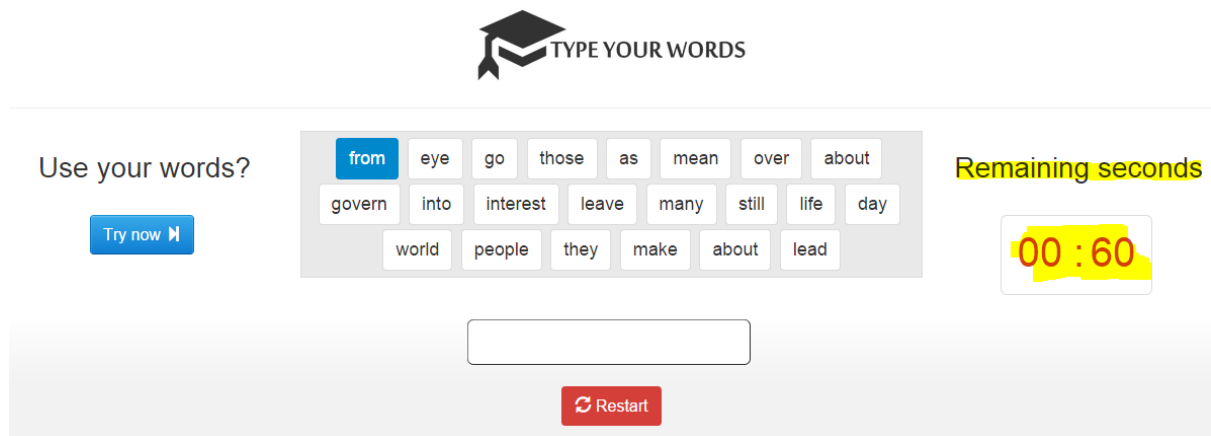
Log in

Close

2.2 Typing Test Part

2.2.1 Typing Game

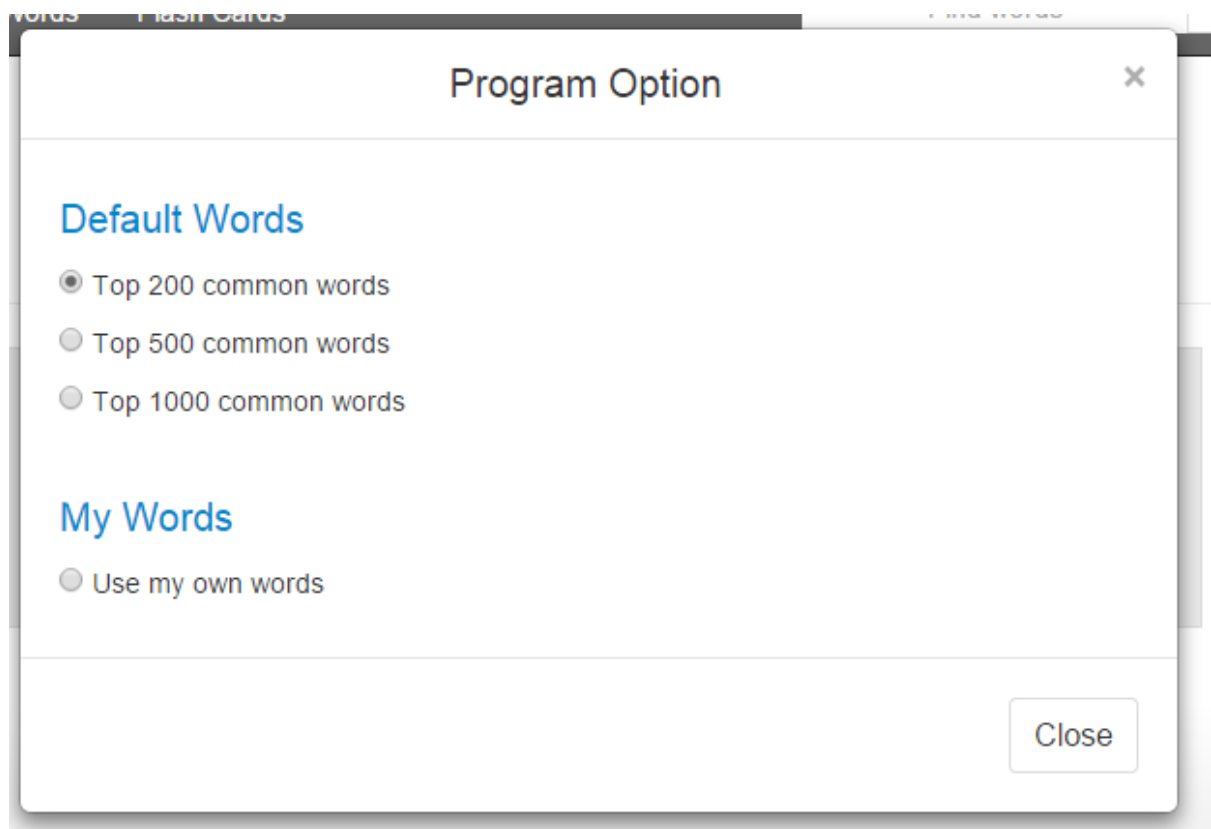
- User can type words, and separate every word by typing space button
- Every user is given 60 seconds to test their speed, and the stopwatch is shown on the right hand side



The screenshot shows the 'TYPE YOUR WORDS' web application. At the top center is a logo with a graduation cap and the text 'TYPE YOUR WORDS'. Below the logo, on the left, is the text 'Use your words?' with a blue 'Try now' button. In the center is a grid of word buttons: 'from', 'eye', 'go', 'those', 'as', 'mean', 'over', 'about', 'govern', 'into', 'interest', 'leave', 'many', 'still', 'life', 'day', 'world', 'people', 'they', 'make', 'about', 'lead'. Below the grid is a text input field and a red 'Restart' button. On the right, the text 'Remaining seconds' is displayed above a yellow timer showing '00:60'.

2.2.2 Typing Option

- User can choose different levels from default words
- Or if the user is authorized, and the words input are more than 5, the "my words" option is enabled



The screenshot shows a 'Program Option' dialog box with a close button (X) in the top right corner. It contains two sections: 'Default Words' and 'My Words'. Under 'Default Words', there are three radio button options: 'Top 200 common words' (selected), 'Top 500 common words', and 'Top 1000 common words'. Under 'My Words', there is one radio button option: 'Use my own words'. A 'Close' button is located in the bottom right corner of the dialog box.

2.3 Words Tab (Authorized User only)

Click "Words" on the menu tab

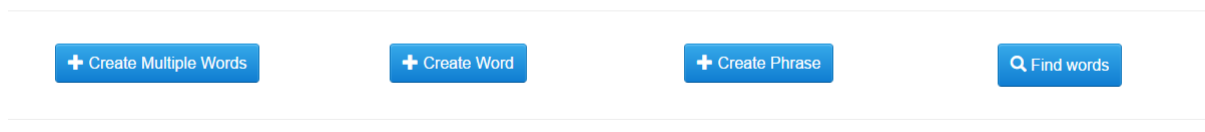


2.3.1 Input Words

There are several options:

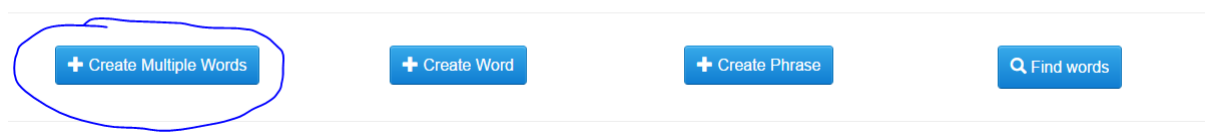
- Create multiple words
- Create word
- Create phrase

Words List

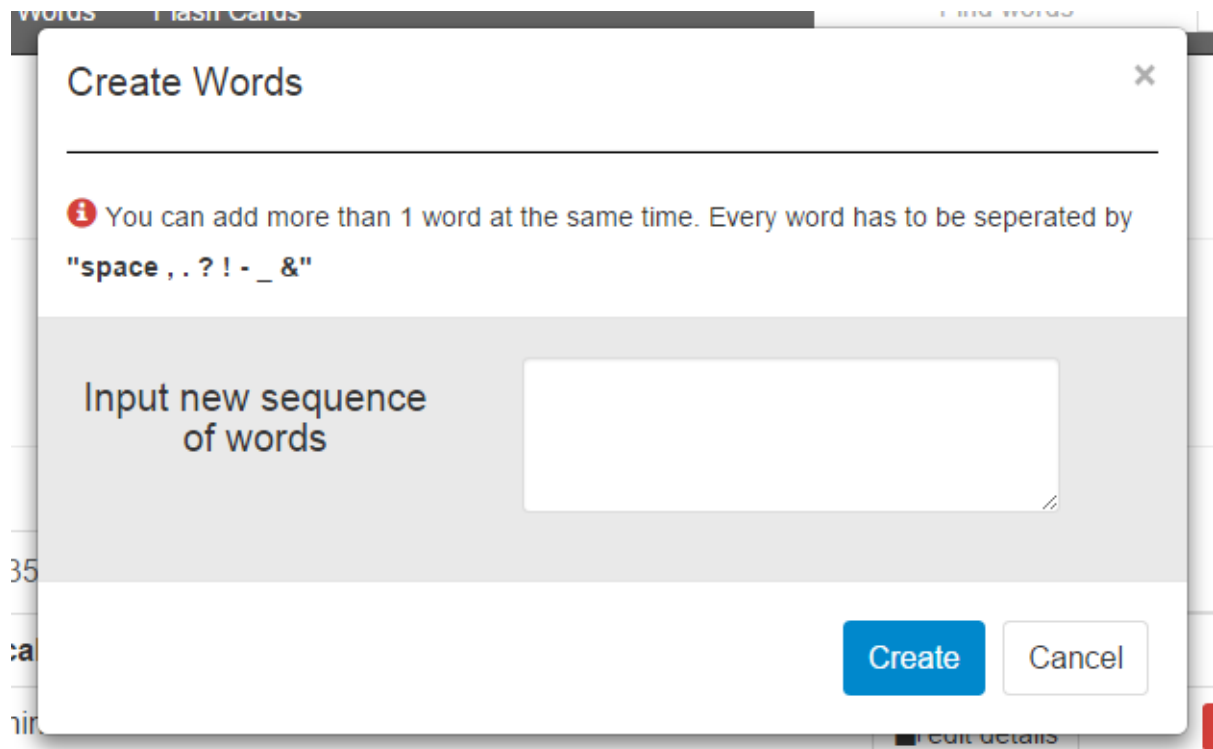


2.3.1.1 Create multiple words

Words List



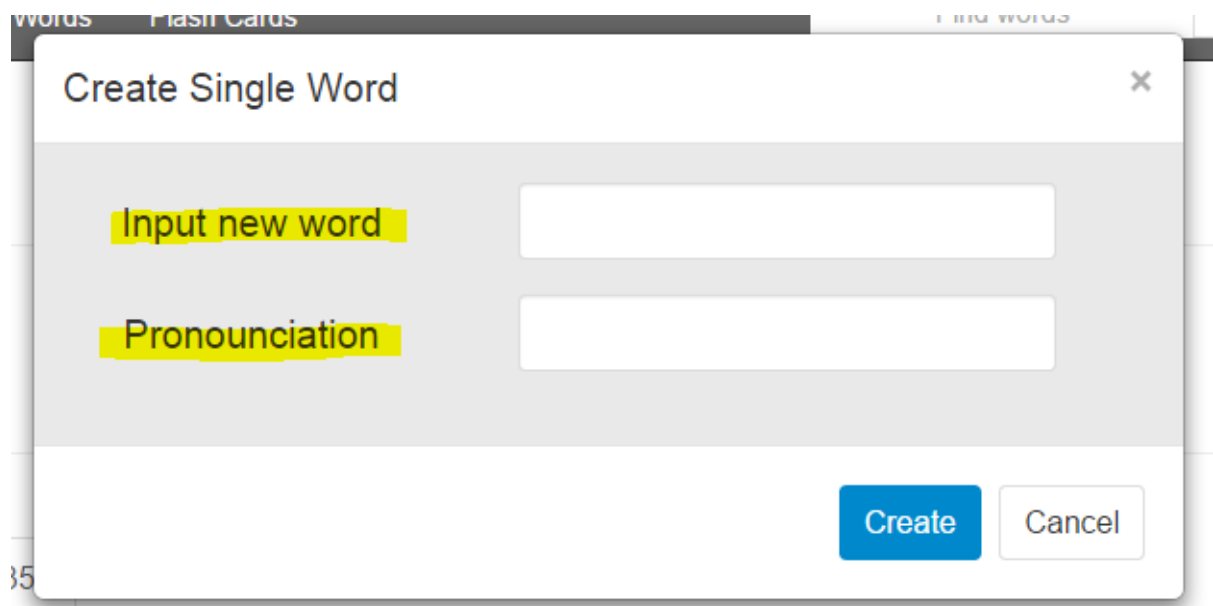
- User can input multiple words at the same time, and they have to input words' definitions separately later on



The screenshot shows a modal dialog box titled "Create Words" with a close button (X) in the top right corner. Below the title bar, there is an information icon (i) followed by the text: "You can add more than 1 word at the same time. Every word has to be separated by 'space , . ? ! - _ &'". Below this text is a large text input field. At the bottom right of the dialog, there are two buttons: "Create" (in blue) and "Cancel" (in white with a grey border).

2.3.1.2 Create Single Word

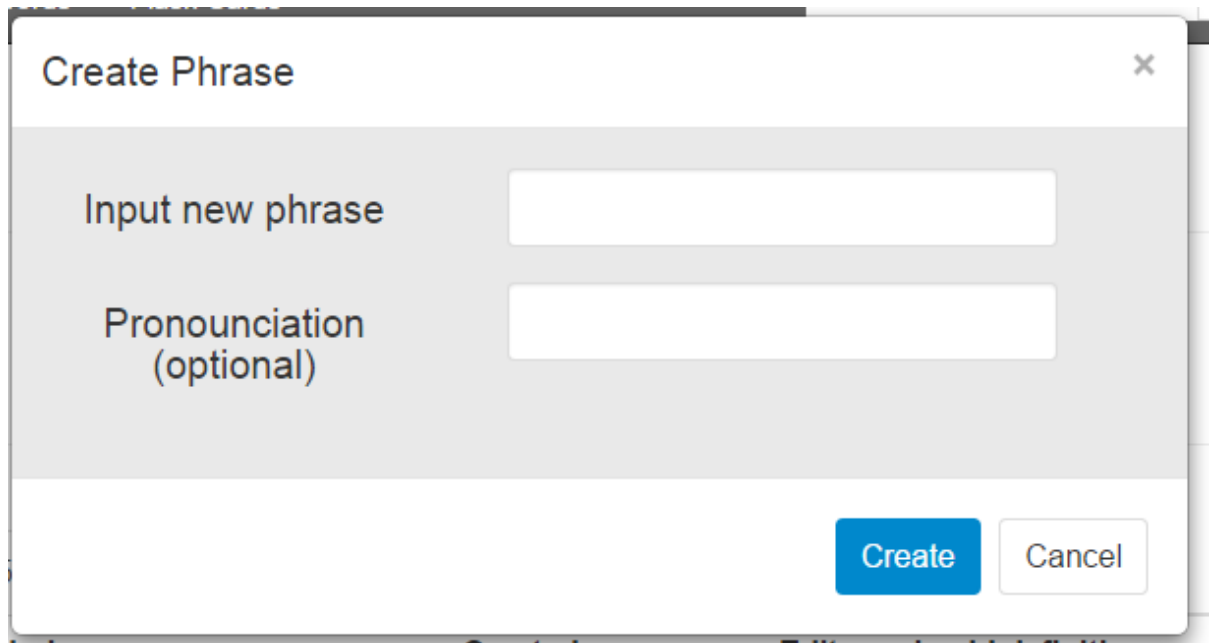
- User can input word and its pronunciation. After the form is submitted, the page is redirected to its own detail page, and in that, user can input definitions, example or edit them



The screenshot shows a modal dialog box titled "Create Single Word" with a close button (X) in the top right corner. The dialog has a light grey background. It contains two input fields. The first field is labeled "Input new word" in yellow text. The second field is labeled "Pronunciation" in yellow text. At the bottom right of the dialog, there are two buttons: "Create" (in blue) and "Cancel" (in white with a grey border).

2.3.1.3 Create Phrase

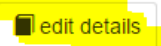

Phrase is an important part of every language, and contain more than one word. Therefore, if user want to input phrase, they can click this option



A modal dialog box titled "Create Phrase" with a close button (X) in the top right corner. The dialog has a light gray background. It contains two input fields: "Input new phrase" and "Pronunciation (optional)". At the bottom right, there are two buttons: "Create" (blue) and "Cancel" (white with gray border).

2.3.2 Input Word Details

If user created words in the multiple words option, after the words are created, the page will redirect to the index page, which show every input words. Thus, if we want to edit word, user must click the "edit details" button


1.	dominant	3/24/2015 3:00:51 PM		
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2.3.2.1 Definition page


Inside the definition page, there are few options:

- Add definitions
- Edit word
- Delete word

Word Definition





dominant





Created : 3/24/2015 3:00:51 PM

[← Back to words list](#)

 Add definitions

 Edit word

 Delete word

 More references

2.3.2.1.1 More references

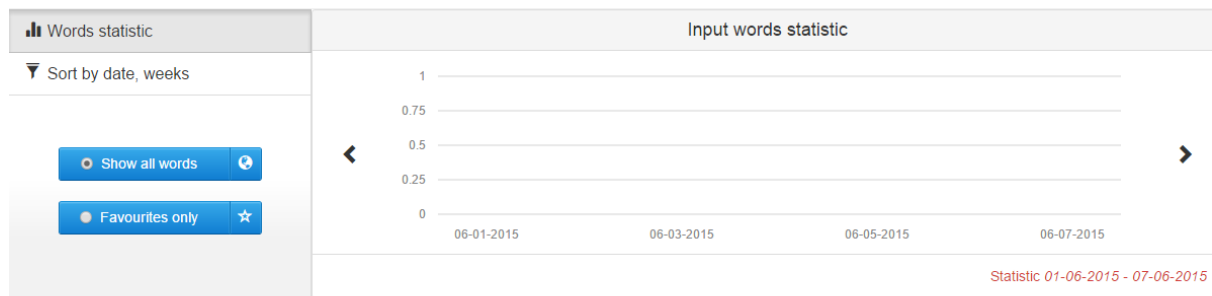
When user click this button, the word is linked to the Oxford dictionary page, so user can check the definition easily

2.4 Flash Cards tab

This is the most interesting and useful tab for user, especially for language learner. There are 3 main tabs:

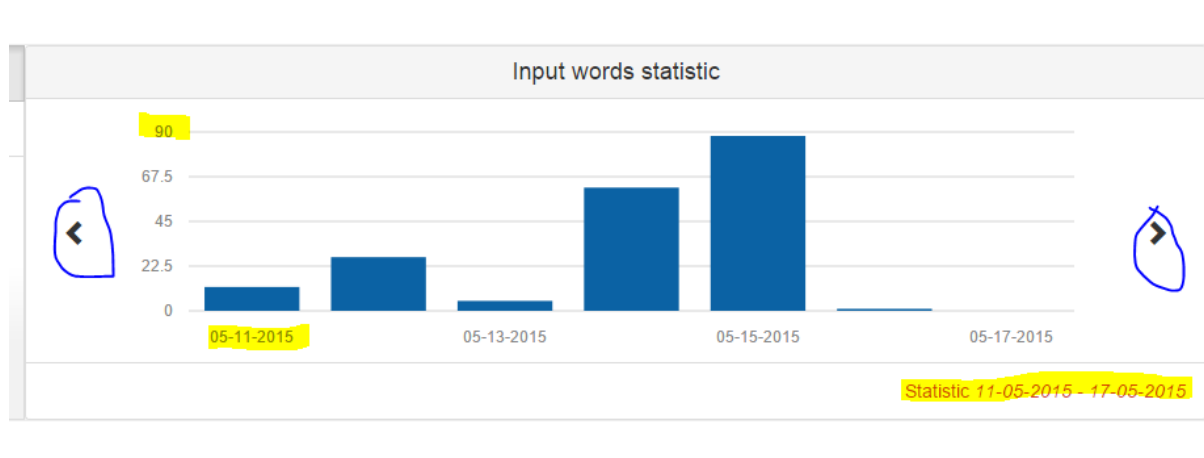
- Words statistic
- Sort Words
- Flash Card Board

Flash Cards



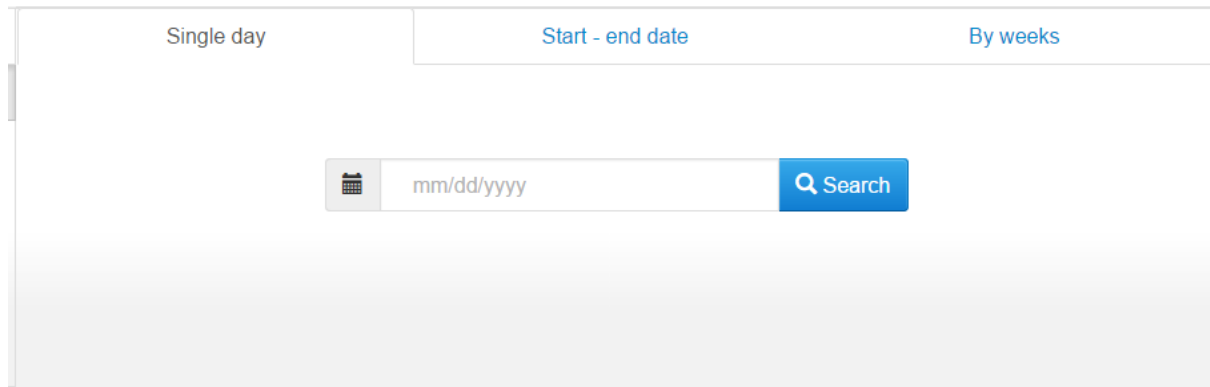
2.4.1 Words statistic

- The graph show the input words in week
- User can click on the column to show the cards of the chosen date
- User can see in different weeks by clicking on the forward, backward arrow



2.4.2 Words sort

User can not only sort by single day, but also sort words in some interval that they want, or even sort by week

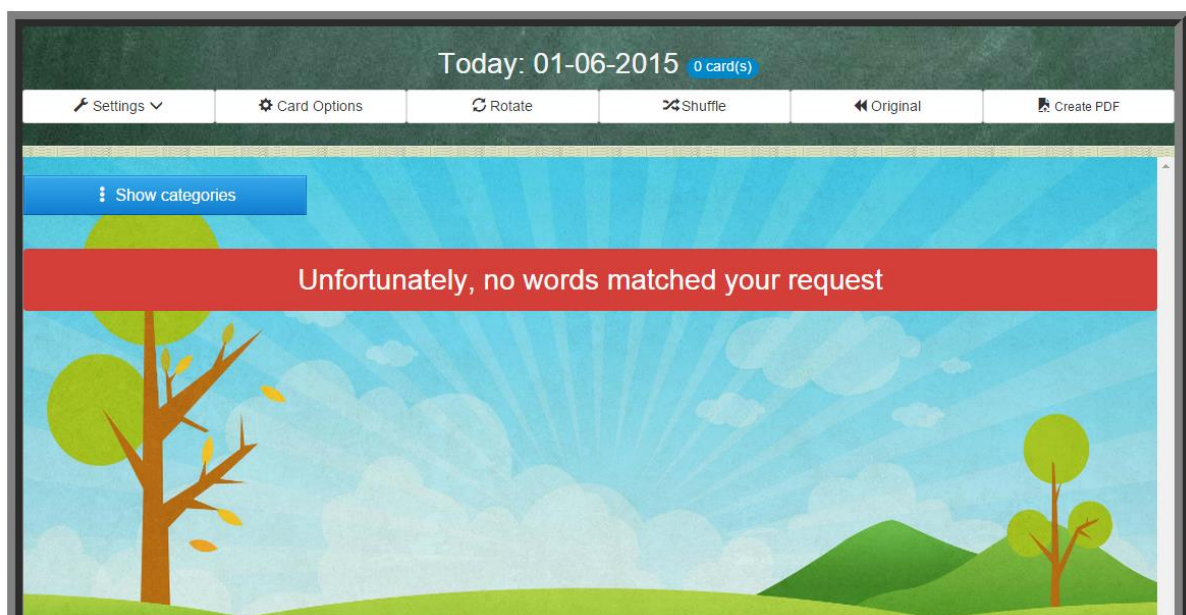


The image shows a search interface for the Flash card Board. It features three tabs at the top: "Single day", "Start - end date", and "By weeks". Below the tabs is a search bar with a calendar icon on the left, a text input field containing "mm/dd/yyyy", and a blue "Search" button on the right.

2.4.3 Flash card Board

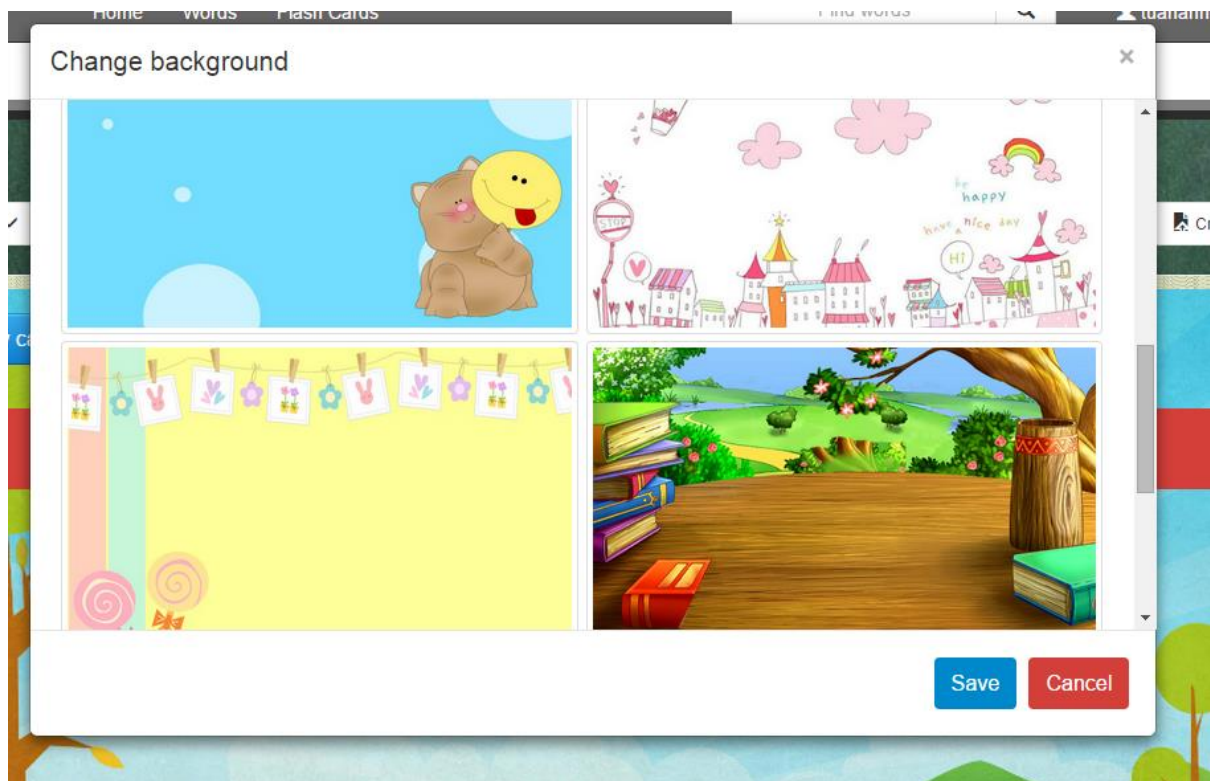
The most beautiful part of the project. Flash cards are shown on this board. Furthermore, user can customize their board by:

- Change background
- Flip cards
- Shuffle cards
- Change grid size
- Create PDF



2.4.3.1 Change background

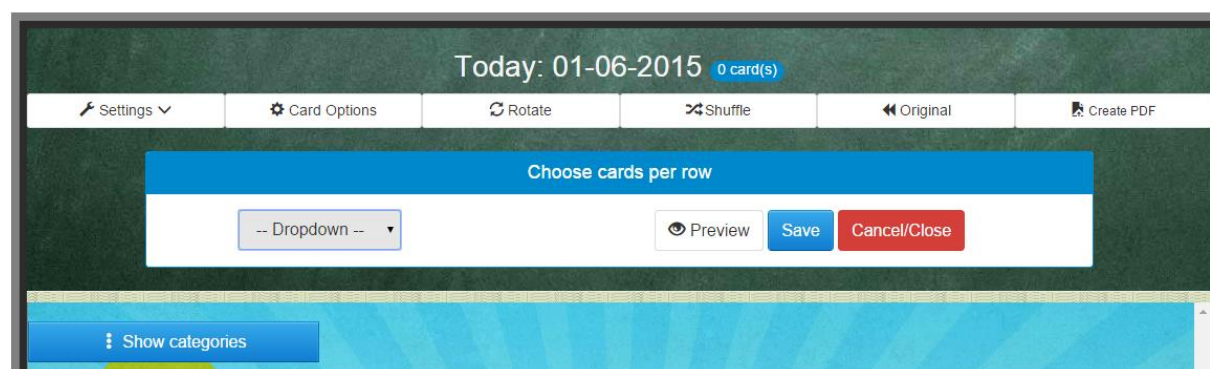
User can choose the background from the list. Option is stored locally in cookie data



2.4.3.2 Flip, shuffle cards

With the purpose of learning language, flash cards should be able to shuffled or flipped to show other side.

2.4.3.3 Change grid size



2.4.3.4 Create PDF file

User can create the pdf file, which contain the words and its own definitions on the board

