University of LODZ

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 rememorize 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.

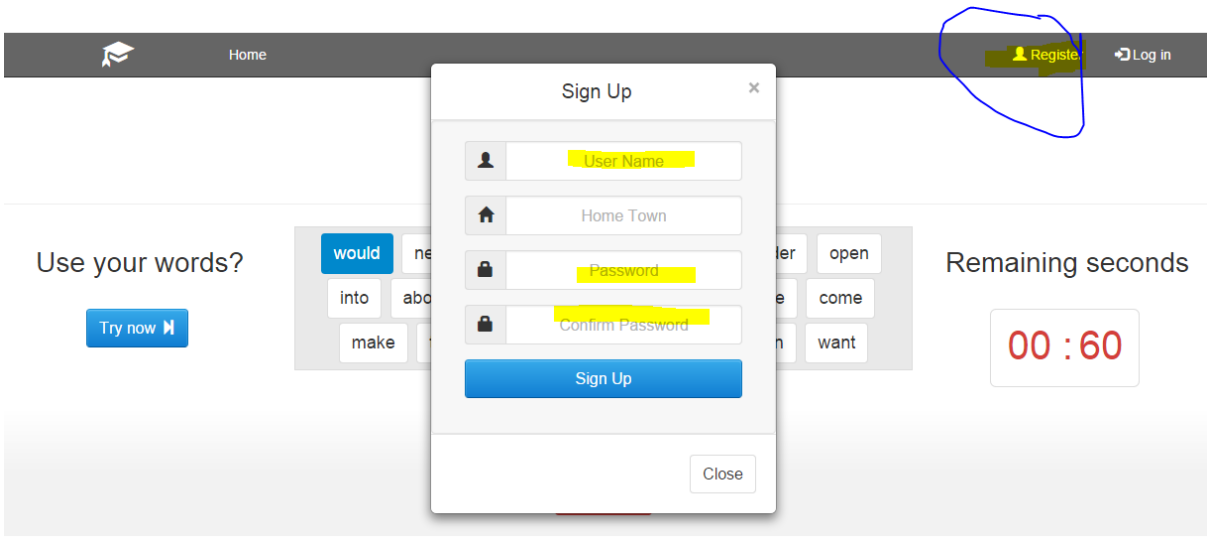
2 USER GUIDE

2.1 User Authorization

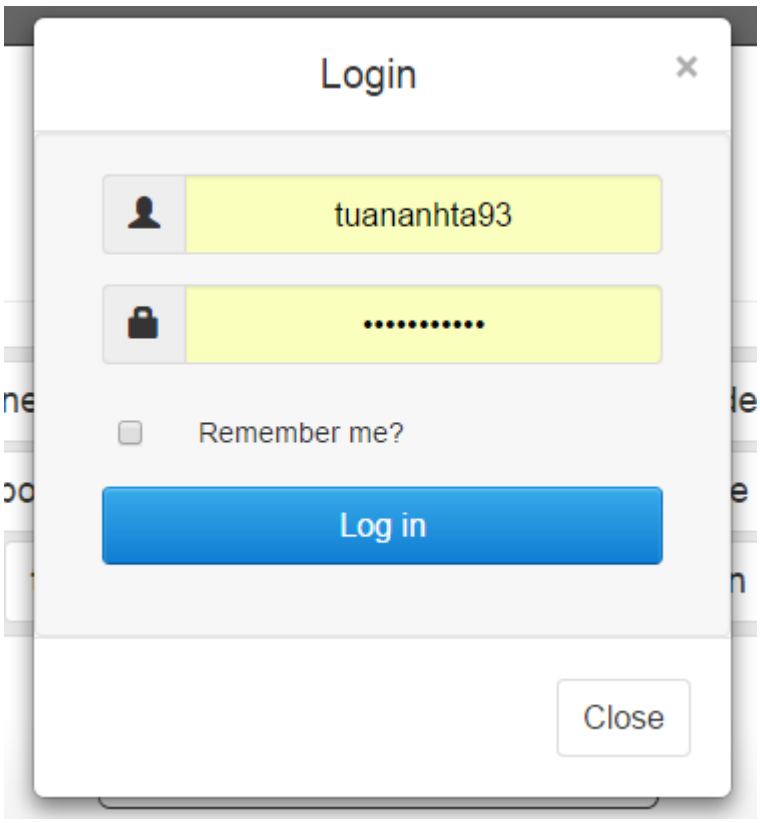
2.1.1 Registration

i. Click the Register button

ii. Fill the Sign Up form



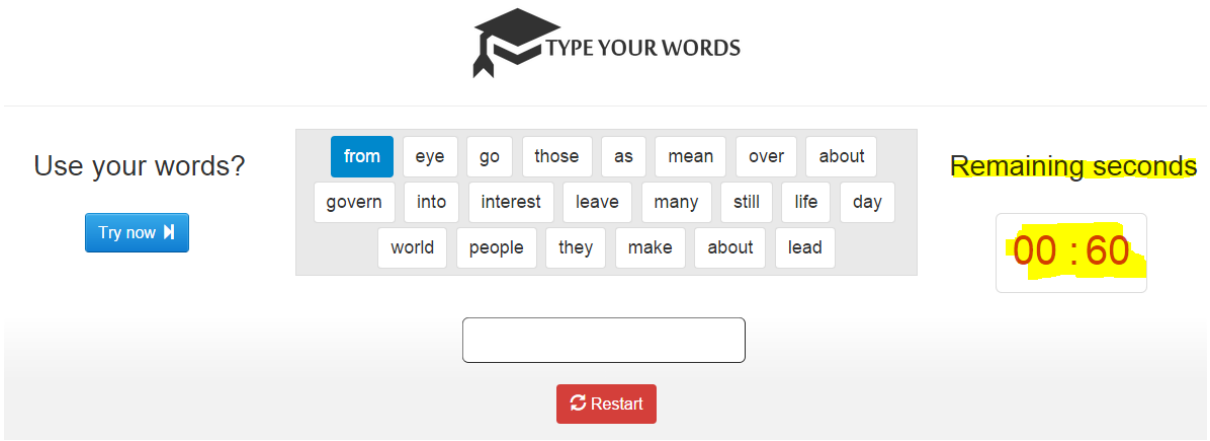
2.1.2 Login



2.2 Typing Test Part

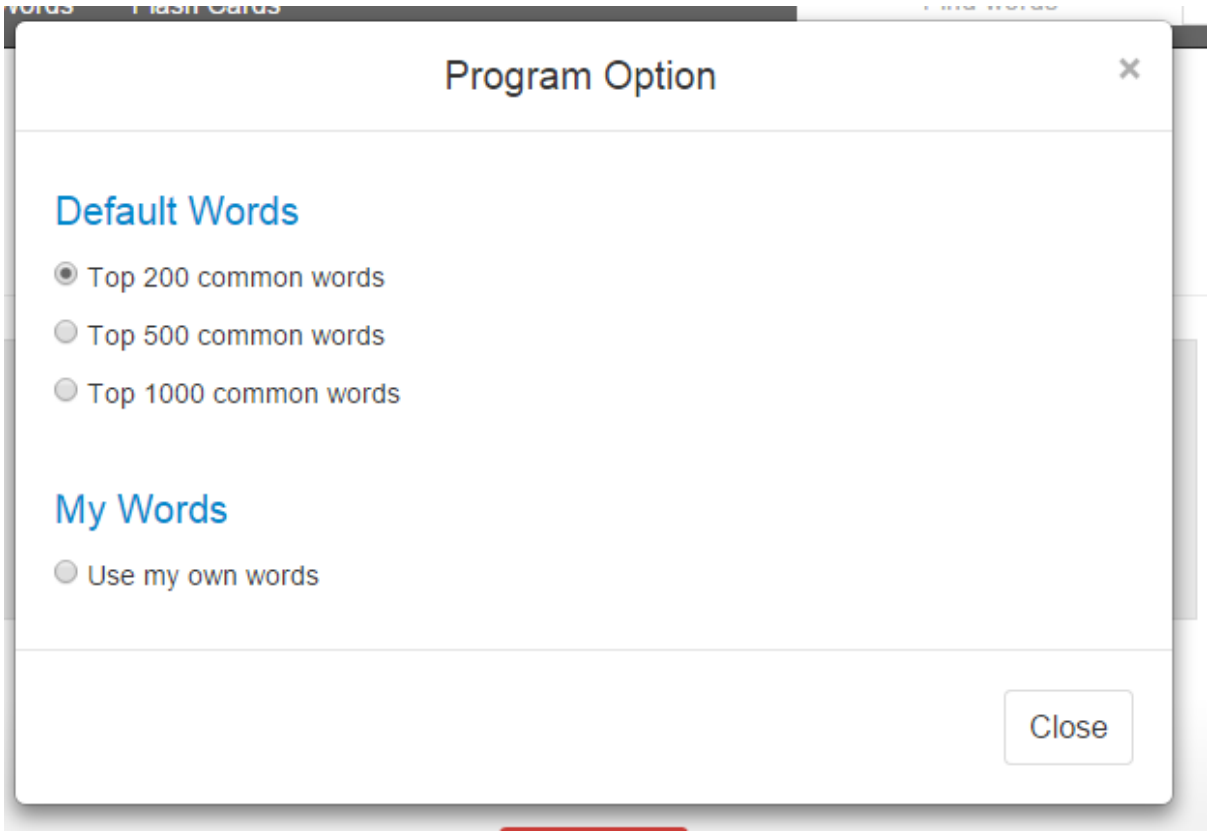
2.2.1 Typing Game

- 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



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



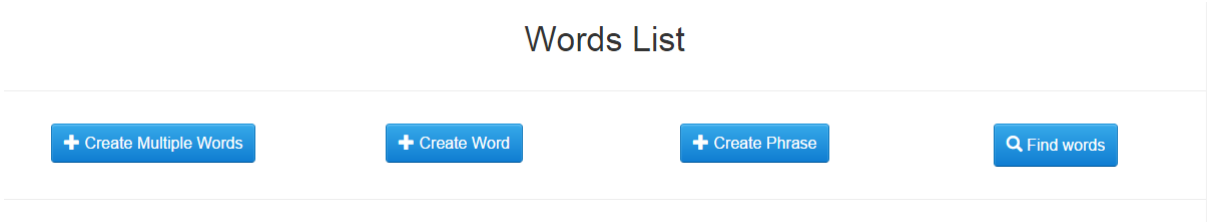
2.3 Words Tab (Authorized User only)

Click "Words" on the menu tab

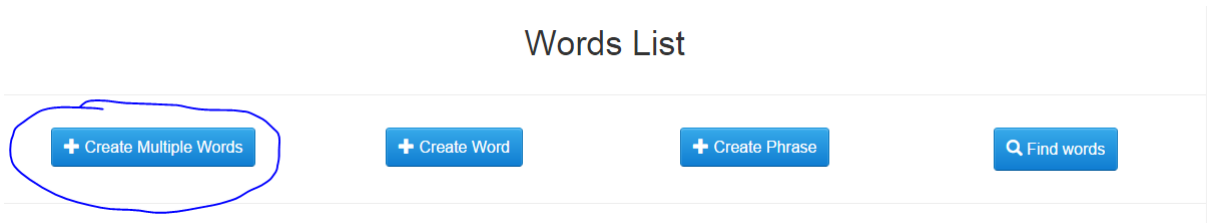
2.3.1 Input Words

There are several options:

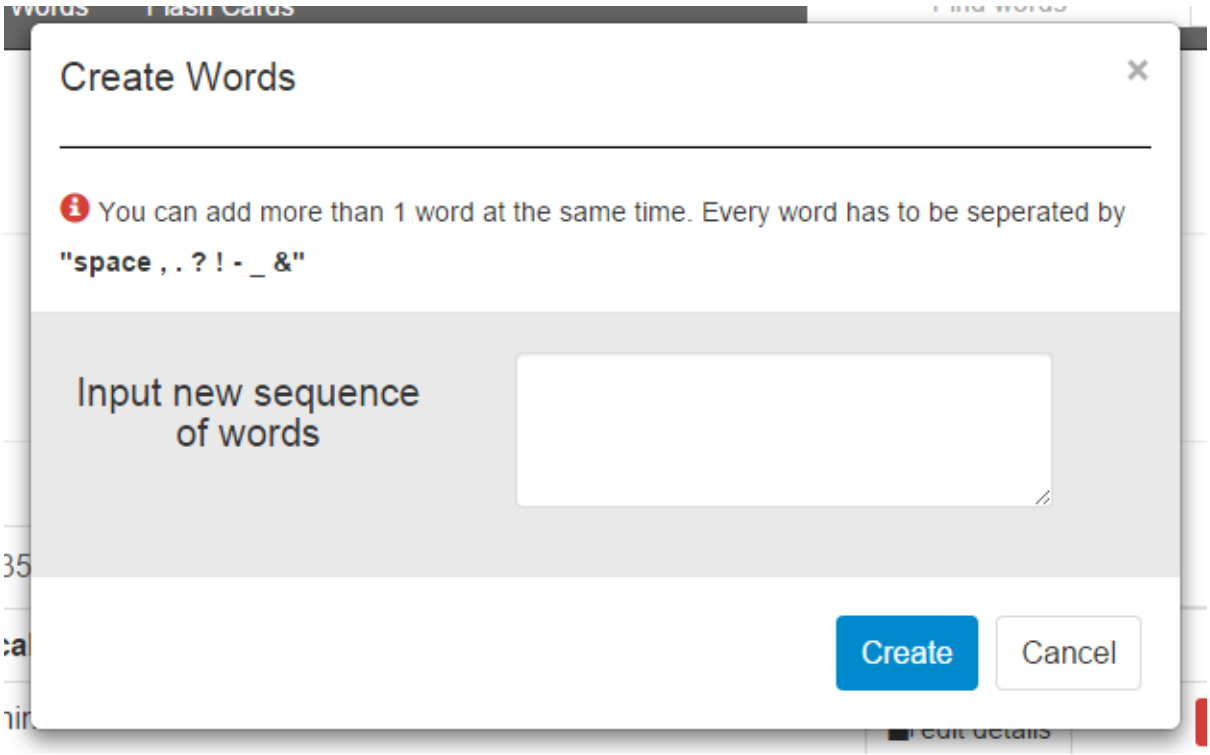
- Create multiple words
- Create word
- Create phrase



2.3.1.1 Create multiple words

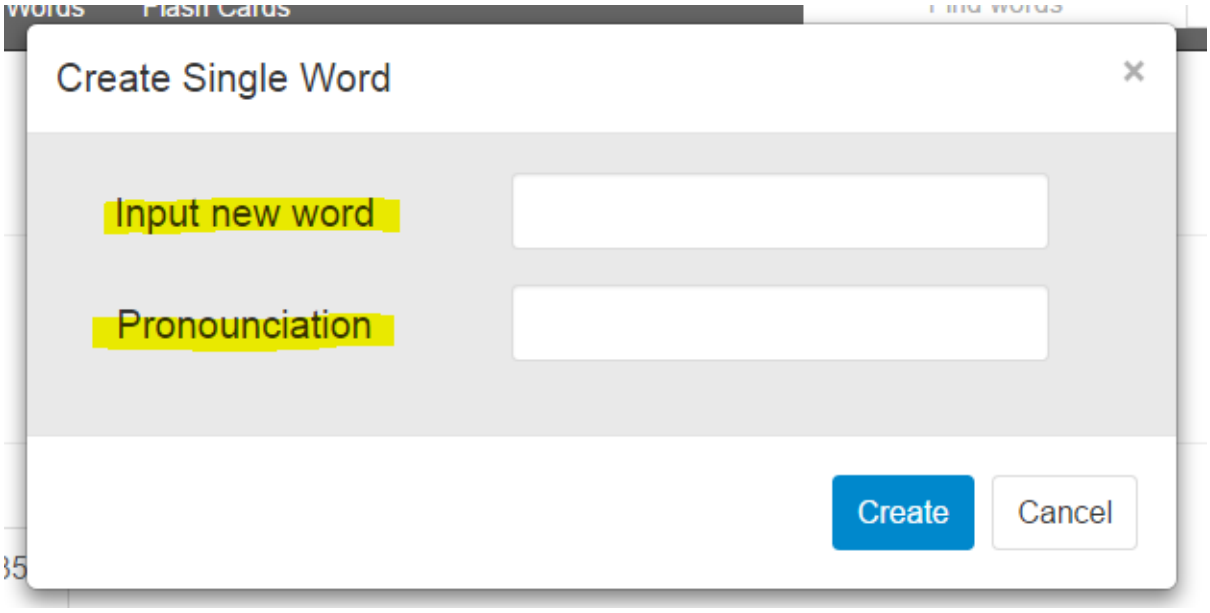


- User can input multiple words at the same time, and they have to input words' definitions seperately later on



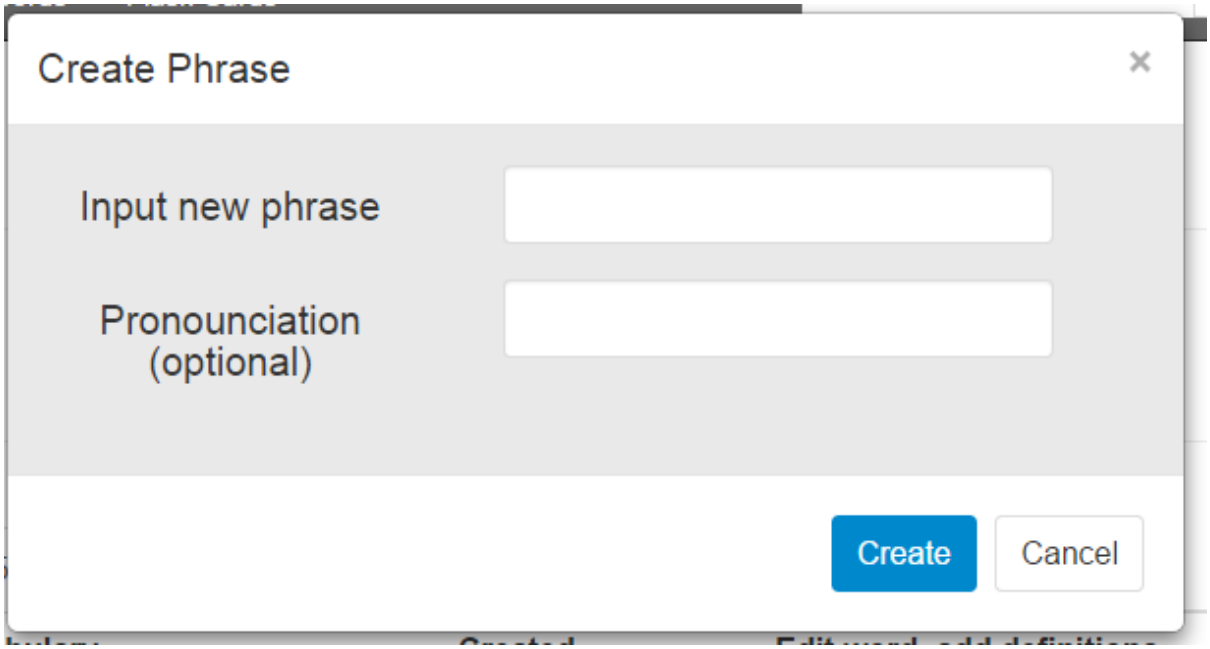
2.3.1.2 Create Single Word

- 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



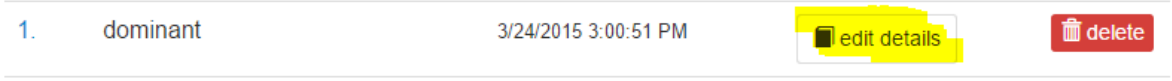
2.3.1.3 Create Phrase

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



2.3.2 Input Word Details

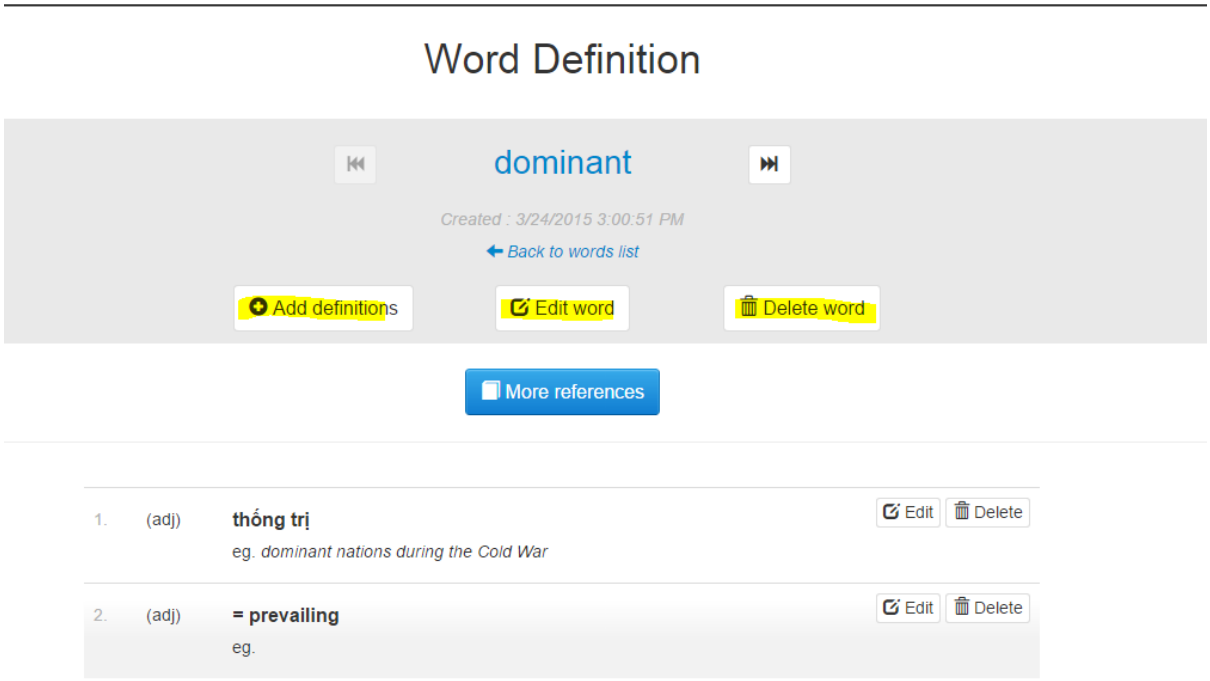
If user created words in the multiple words option, after the words are created, the page will redirect to the index page, which show every input words. Thus, if we want to edit word, user must click the "edit details" button



2.3.2.1 Definition page

Inside the definition page, there are few options:

- Add definitions
- Edit word
- Delete word



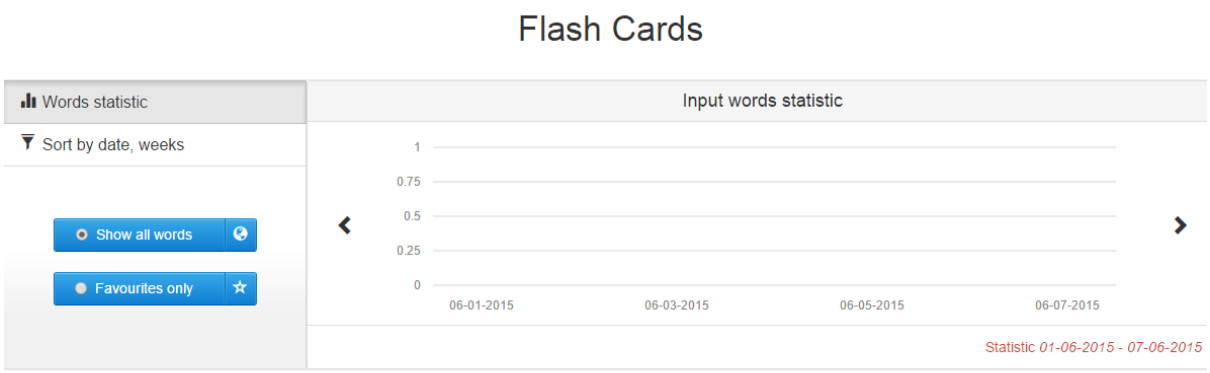
2.3.2.1.1 More references

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

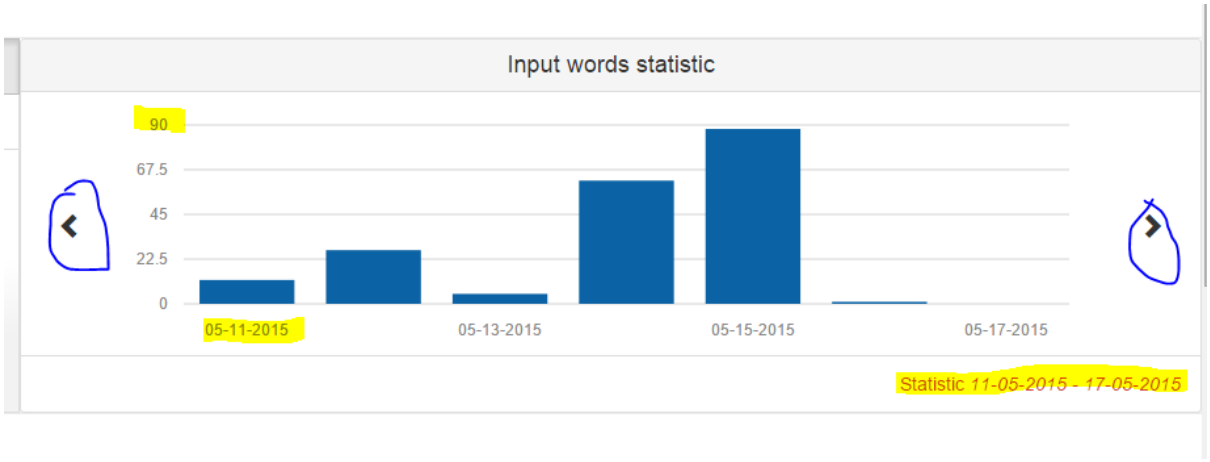
This is the most interesting and useful tab for user, especially for language learner. There are 3 main tabs:

- Words statistic
- Sort Words
- Flash Card Board



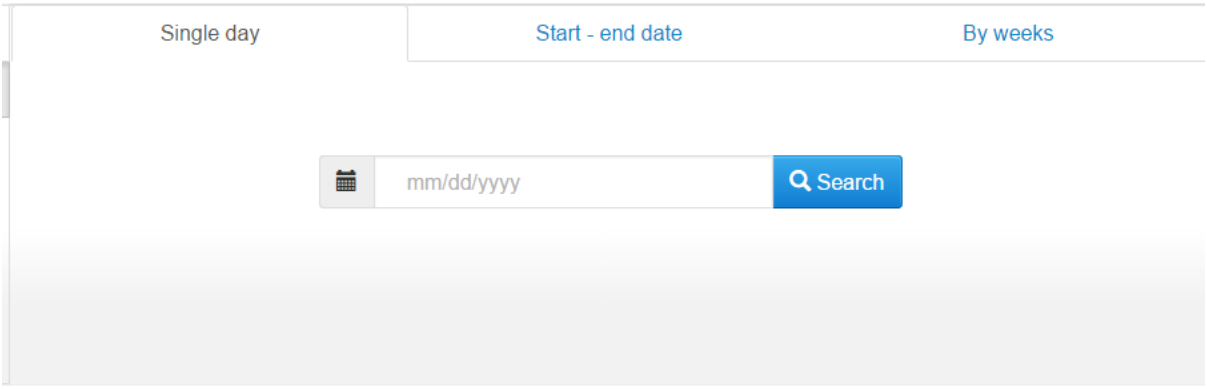
2.4.1 Words statistic

- 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

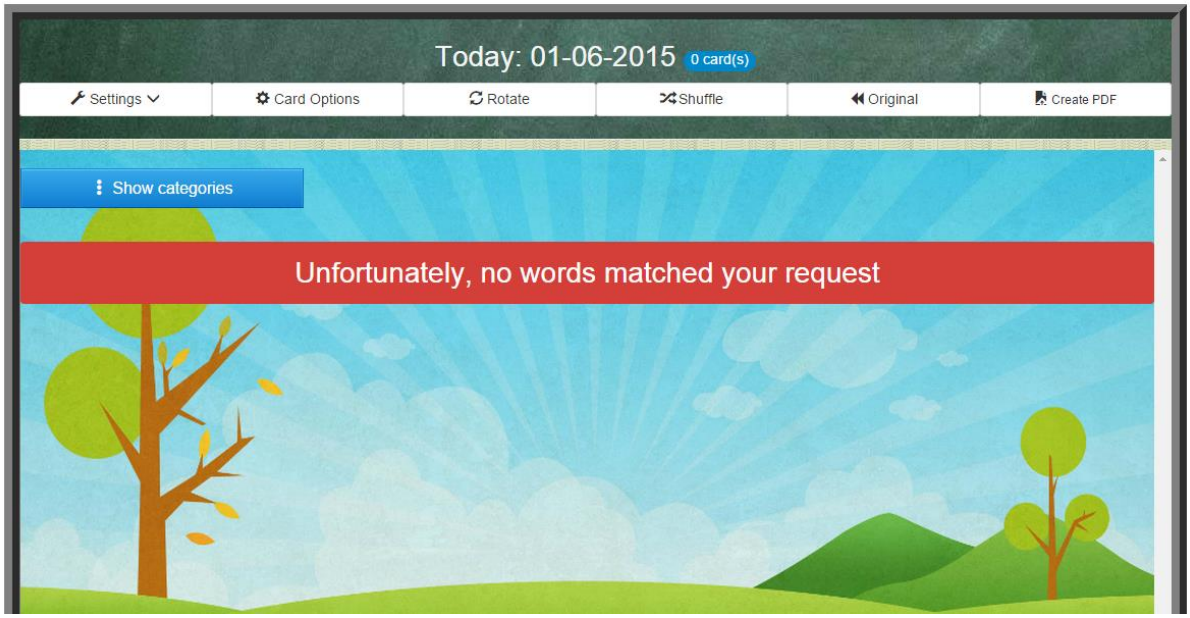
User can not only sort by single day, but also sort words in some interval that they want, or even sort by week



2.4.3 Flash card Board

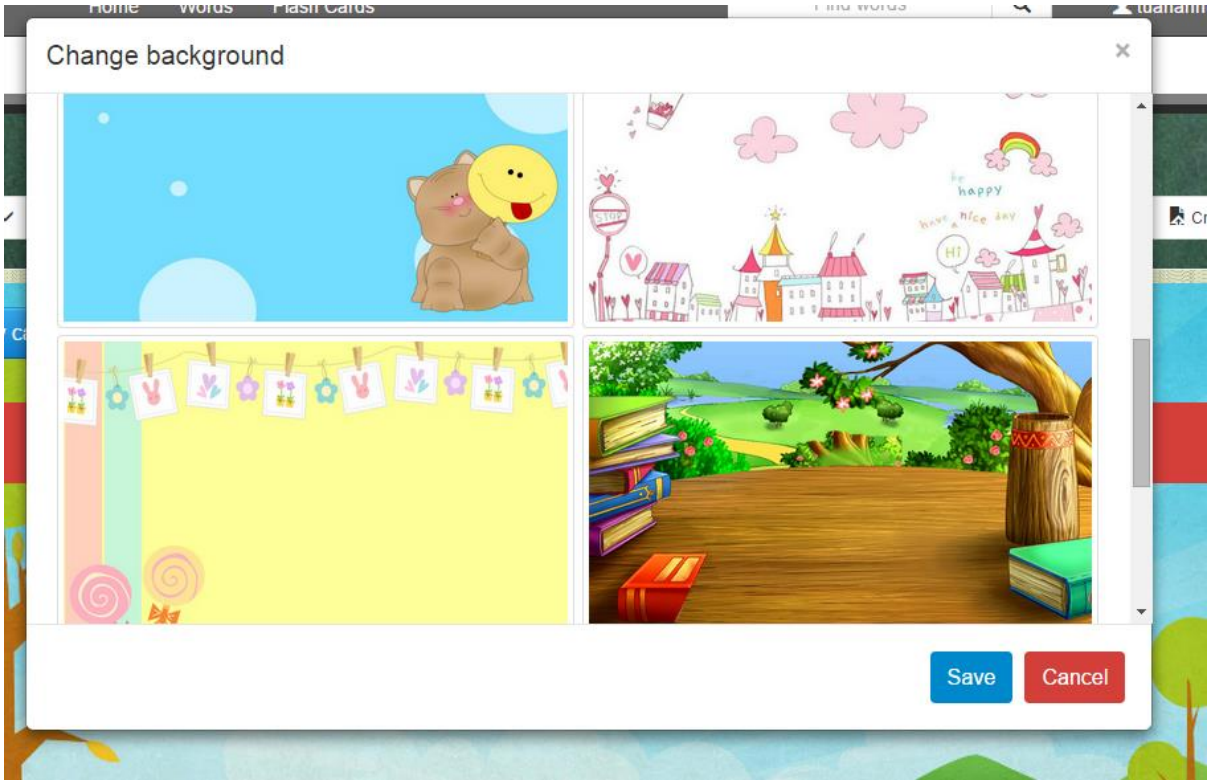
The most beautiful part of the project. Flash cards are shown on this board. Furthermore, user can customize their board by:

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



2.4.3.1 Change background

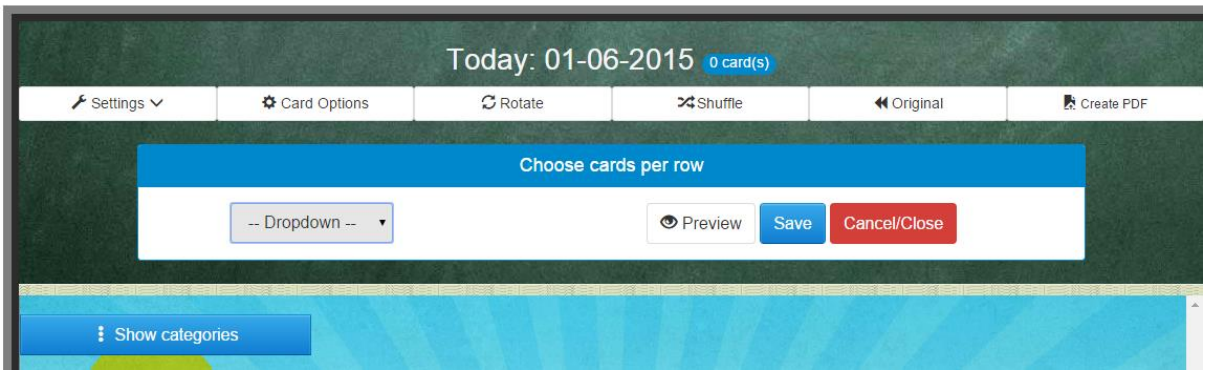
User can choose the background from the list. Option is stored locally in cookie data

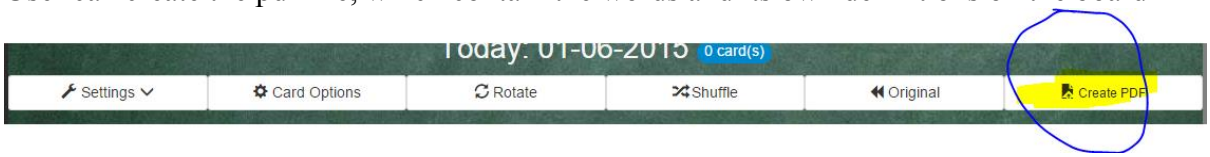


2.4.3.2 Flip, shuffle cards

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