NetProF

Networked Pronunciation Feedback System

User Manual

https://netprof.ll.mit.edu/

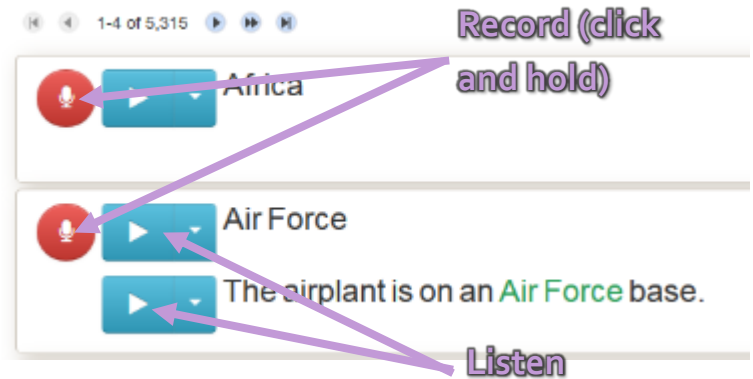Select your language

Table of Contents

About NetProF

Networked Pronunciation Feedback System
(Online and Mobile)

Functions include:

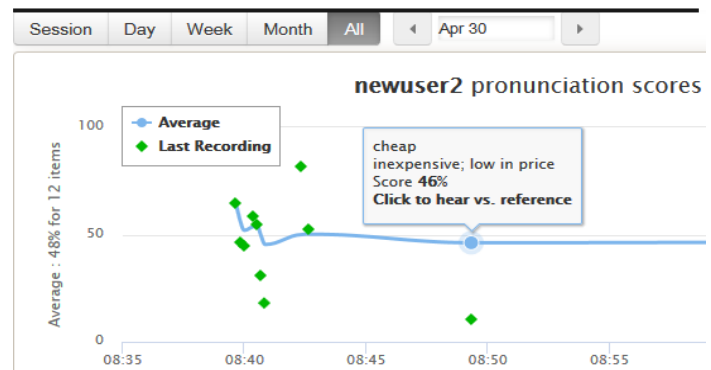- Practice pronunciation and vocabulary building

- Listen to recordings by male and female native speakers at regular speed and at a slower speed.

- Practice, receive guidance at phoneme level

- Create custom lists for further study of difficult words

- Receive personalized feedback with analysis of progress

- Reinforce pronunciation and vocabulary retention with Audio Vocabulary Practice

- Open Architecture Design to Support Independent Learning

- Drills and Quizzes challenge users to overcome weaknesses in pronunciation

NetProF At-A-Glance
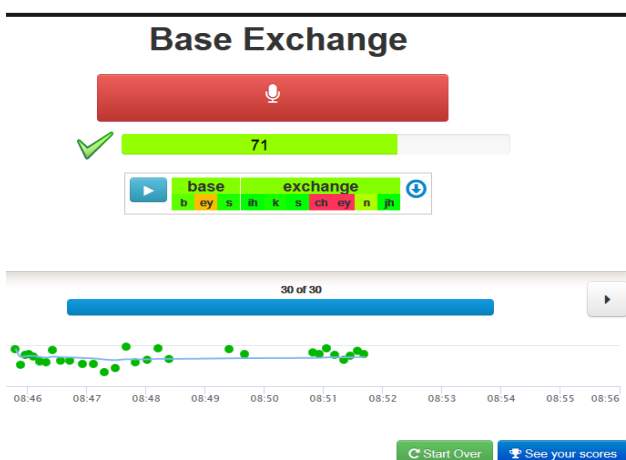
1. Go to https://netprof.ll.mit.edu/netprof/ .

2. Login or create an account **(p. 5)**.

3. Select a language **(p. 6)**.

4. Use the Learn tab to record items and listen to native speakers. **(pp. 8-10)**

5. Use the Progress tab to track your performance. **(p. 15)**

6. Use the Drill and Quiz tabs to challenge yourself further. **(pp. 11-14)**

7. Use the Lists tabs to create customized vocabulary lists. **(pp. 16-18)**

Record (click and hold)

Africa

Air Force

The airplant is on an Air Force base.

Listen

Track Results

| Session | Day | Week | Month | All | | Apr 30 | |

newuser2 pronunciation scores

- Average
- Last Recording

Average - 48% for 12 items

cheap
inexpensive; low in price
Score **46%**
Click to hear vs. reference

100

50

0

08:35   08:40   08:45   08:50   08:55

Drills and Quizzes

Base Exchange

71

base   exchange
b ey s   ih k s ch ey n jh

30 of 30

08:46 08:47 08:48 08:49 08:50 08:51 08:52 08:53 08:54 08:55 08:56

C Start Over   🏆 See your scores

Color-coded feedback

Vocabulary

| | 1-6 of 12 | | |

Meaning	Date	Score	Play	Ref
hit	Apr 30 9:21 AM	62	►	►
his	Apr 30 9:12 AM	57	►	►
cheap	Apr 30 8:49 AM	10	►	►
cheap	Apr 30 8:42 AM	52	►	►
call	Apr 30 8:42 AM	81	►	►
bell	Apr 30 8:40 AM	18	►	►

Learn   ► Review

Getting Started

Enter https://netprof.ll.mit.edu/ into your browser to arrive at the NetProF landing page. If it is your first visit, you will need to sign up. Existing users can login with their username and password.
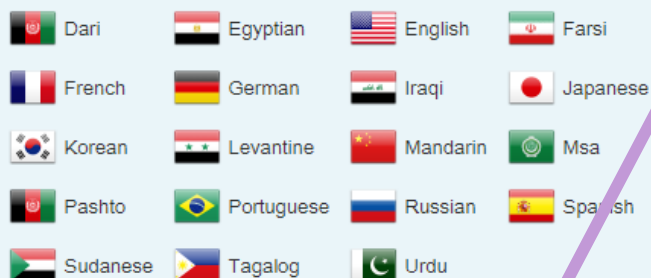
Users who already have accounts can sign in here:

Practice pronunciation and learn vocabulary.

Record your voice and get feedback on your pronunciation.

Practice vocabulary with audio flashcards.

Create and share vocab lists for study and review.

Dari	Egyptian	English	Farsi
French	German	Iraqi	Japanese
Korean	Levantine	Mandarin	Msa
Pashto	Portuguese	Russian	Spanish
Sudanese	Tagalog	Urdu	

Username

Password

Log In

Forgot username? Forgot password? **?** Help

New User? Sign up

Username

First Name

Last Name

Email

-- Choose Affiliation --

◯ Male ◯ Female

Sign Up

New Users begin here:

Enter your username, First and Last Name, Email address, Affiliation, and Gender.

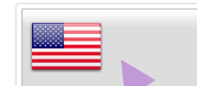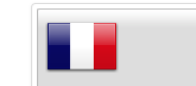Click "Sign Up" after entering your information.

Selecting a Language

Once you have logged in, you will be offered a menu of languages from which to select. Select a language by clicking on it:

For example, click on "English" if you want to work on your English pronunciation.

Connecting Your Microphone

NetProF requires a microphone connection. If you are using a laptop or tablet computer, you may use the built-in microphone. To use NetProF on a desktop computer, you will need to connect an external microphone.

Can't record audio

Recording audio is not supported.

OK

You will see this dialog box if no microphone is connected.

Will you allow **netprof.ll.mit.edu** to use your microphone?

Microphone to share:

default: Microphone (ATR USB microphone)

Remember this decision

Allow   Don't Allow

https://netprof.ll.mit.edu/netprof/#instance=Learn

Connect a micro-phone and allow NetProF access in order to proceed.

Adobe Flash Player Settings

Privacy

Allow https://netprof.ll.mit.edu to access your camera and microphone?

Allow   Deny

Remember

Close

NetProF Learn Function Features

NetProF has five main functions. When you log in, you will be taken to the Learn tab.

Information on the words you've practiced and your average scores will be updated here.

Use the dropdown menu to change the number of items per page or to sort by meaning, length, or score.

netprof   Home > English > English   Learn   Drill   Quiz   Progress   Lists   👤 newuser2 ▾   ℹ ▾

None practiced yet.   No score yet.

BOOK
1 (170)
2 (158)
3 (168)
4 (200)
5 (280)
6 (166)
7 (171)
8 (178)
9 (204)
10 (205)
11 (207)
12 (183)
13 (190)
14 (215)
View all

LISTS
Favorites (0)

⏮ ◀ 1-4 of 5,315 ▶ ⏩ ⏭   ⚙ Options ▾ View [4 items/page ▾] Sort [Meaning : A-Z ▾]

Africa   a continent south of Europe between the Atlantic and Indian Oceans   15 > 15-3 ↪ Share

Air Force   a branch of the military   2 > 2-2 ↪ Share
The airplant is on an Air Force base.

Antarctica   continent on Arctic Circle at the South Pole   15 > 15-3 ↪ Share

Apr.   4th month of year; abbr.   3 > 3-3 ↪ Share
This month is April. Last month was March.

Click and hold the red and white microphone icon to record.

Click on the white arrow in the blue box to listen to native speakers' pronunciation of words and context sentences.

See information on the Book and Lesson where the word can be found.

Select a book from the menu on the left.

See definitions of the words you are learning while you work on their pronunciation.

8

NetProF Learn Function Features (Cont'd)

Speed and Timbre settings
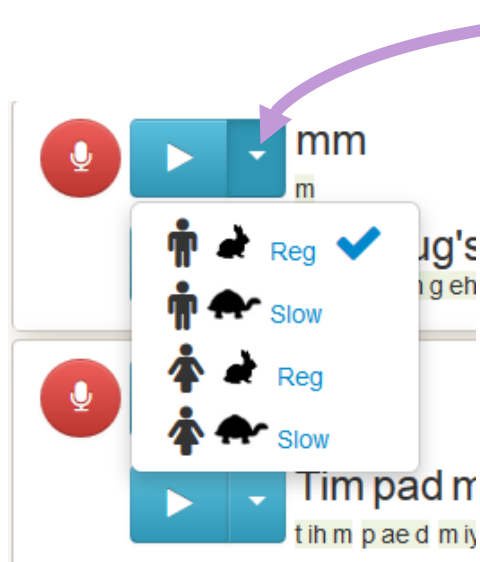
NetProF allows you to adjust the <u>speed</u> of the recorded native speakers' voices and to choose either a <u>male</u> or a <u>female</u> voice.

Click the arrow to the right to see a dropdown menu and make your selection.

Using the Options Menu

Download Audio and Spreadsheet ×

All entries

Content

Vocabulary   Context Sentences

Gender

Speed

Your selection of Content, Gender, and Speed will appear here.

Cancel   Download

⚙ Options ▾   View   4 items/p

☑ Show Sounds
  Show Primary text
☑ Show Alternate text
⬇ Download Content
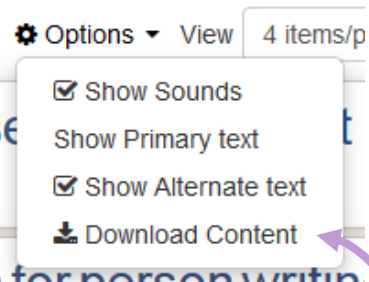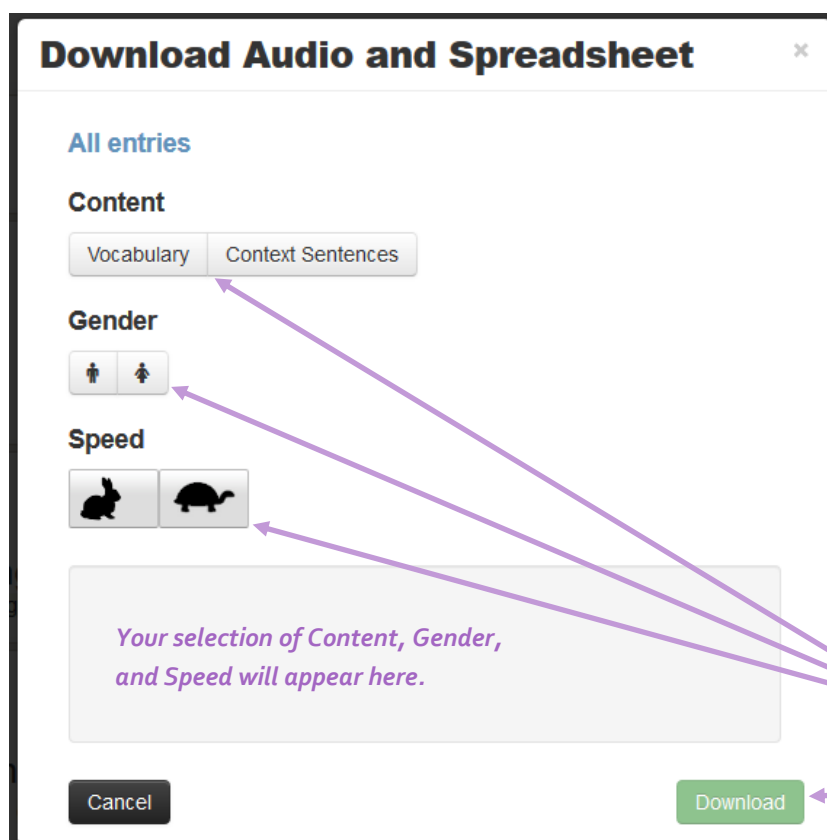
Use the Options dropdown menu to display a phonetic transcription or alternate text.

You may also download content. Select the Content, Gender, and Speed.

Click "Download."

NetProF Learn Function Features (Cont'd)

As you record, you will receive scores and feedback on your performance.

The phonetic elements displayed in green reflect excellent pronunciation. Orange and red indicate problem areas.

NetProF Drill Function Features

The Drill Function allows you to practice a series of words from a book or lesson of your choosing:

2. Now choose the book you wish to review.

1. Begin by selecting the Drill tab.

3. Choose your settings. [See next page for details.]

netprof   Home > English > English   Learn   Drill   Quiz   Progress   Lists

BOOK
8

view all

8-1 (52)
8-2 (42)
8-3 (41)
8-4 (43)

LISTS
Favorites (0)

Remaining   174
Correct   2
Incorrect   2
Pronunciation 41

a metal device which rings bell

18

bell
b eh l

4 of 178

AUDIO
On   Off

SHOW
English
Both
Meaning

PLAY ON MISTAKE
On   Off

Shuffle

Auto

Space to record.
Arrow keys to advance or flip.
Enter key to play audio.

Start Over   See your scores

6. Check your progress as you go. You will receive feedback on the items remaining, the number of correct and incorrect responses you've given, and an overall score of your pronunciation.

4. Now you are ready to begin recording. Click on and hold the red and white microphone icon to record. Your score and phonetic feedback will appear below.

5. Click the icon to the left to hear your recording. Click the icon to the right to download your recording.

7. Click "Start Over" if you want to begin again, or "See your scores" if you're finished.

NetProF Drill Function Features (Cont'd)

AUDIO 🔊

| On | Off |

SHOW

English
Both
Meaning

PLAY ON MISTAKE

| On | Off |

⤭ Shuffle

▶ Auto

Space to record.
Arrow keys to advance or flip.
Enter key to play audio.

Use the Audio On setting to hear feedback while you are working on the drill. If you'd rather record in silence, use the Audio Off setting.

The Show setting allows you to choose what is displayed during the drill. Choosing the language—English, in this example—will display only the word itself. Choosing Meaning will display a definition. You may also choose to display Both.

Turn the Play on Mistake setting to On if you want to hear automatically a correct pronunciation when you receive a low score.

Use the Shuffle setting to randomize the order of the words.

The Auto setting will advance automatically through the list. It allows you to hear the correct pronunciation without recording.

NetProF Quiz Function Features

The NetProF Quiz Function allows you to test yourself and gives feedback on how your pronunciation compares to that of a native speaker:

Select the Quiz tab to begin.

netprof   Home > English > English   Learn   Drill   Quiz   Progress   Lists

Welcome User newuser2

Netprof automatically scores your pronunciation relative to a native speaker.
In the quiz that follows, record yourself saying the prompted phrases.

To record :
* PRESS and HOLD the space bar while recording *or*
* CLICK and HOLD the mouse button.

Native speakers score in the range of 70 and above.

Press arrow keys to go to next or previous item.
Click on a dot in the graph below to repeat to an item.

Please choose a quiz :

-- no choice yet --

Start!

Use the dropdown menu to choose a quiz. [See next page].

NetProF Quiz Function Features (Cont'd)

Please choose a quiz :

-- no choice yet --

-- no choice yet --
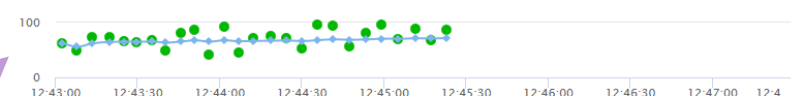Dry Run (Just Practice!)
new quiz
Book 5 quiz
small quiz

You may choose four different types of quizzes. **Dry Run** is a practice session in which you'll have one minute to record ten items. **New quiz** allows you ten minutes to complete thirty items. **Short quiz** allows four minutes to complete thirty items. You may also select **quizzes that are based on vocabulary from a particular book or lesson**. Scores over 30 advance.

Click and hold the space bar to record. Use the arrow keys to advance or go back.

Remaining | 4
Incorrect | 0
Correct | 26
Pronunciation | 72
Time left | 01:33

to make sure something is true or accurate

verify

Space to record.
Arrow keys to advance or go back.

27 of 30

100

0
12:43:00   12:43:30   12:44:00   12:44:30   12:45:00   12:45:30   12:46:00   12:46:30   12:47:00   12:4...

Start Over   See your scores

The menu on the left will give you feedback on remaining items, number of correct and incorrect responses, average pronunciation score, and time left. You will also see your scores charted on a graph in real time.

Click "Start Over" to begin again, or "See your scores" if you are finished.

NetProF Progress Function Features

The NetProF Progress function allows you to track your progress and offers feedback on your strengths and on areas in need of improvement.

Indicate the period for which you would like to see your results. You may choose All or see your results by session, day, week, or month.

Select the Progress tab to begin

You will see your recorded entries represented as green diamonds on the graph. Hover your mouse over each diamond to see the item, a definition, and your score. Click to hear your recording and that of a native speaker.
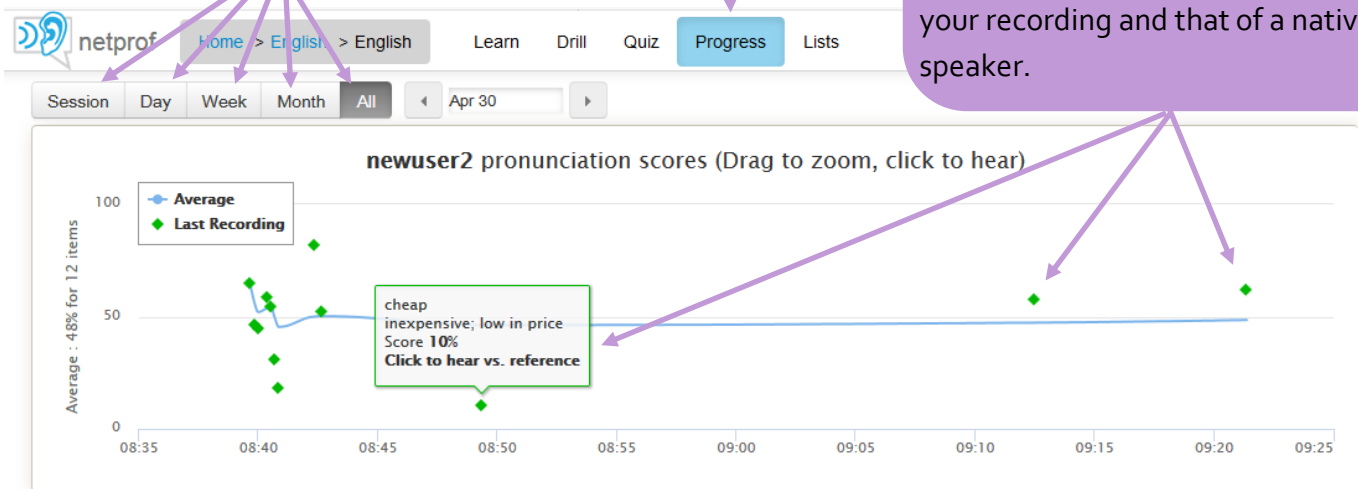
The Vocabulary table shows the items you've recorded, when you recorded them, and the score you received. Click Play to hear yourself again, or Ref to hear a native speaker. You may click "Learn" to work on these items again, or "Review" to listen in sequence.

The Sounds table isolates weaknesses in pronunciation so that you can do focused review.

NetProF Lists Function Features

The NetProF Lists function allows you to create customized lists for your own use or to share with others. You may view existing lists, add words to your Favorites, or create new lists while using the Learn function:

When using the Learn function, click on Share or the blue arrow next to it to see a dropdown menu.

You may create a New List, add to an existing list, or remove the item from an existing list.

Lists that you've created and public lists that you've viewed will appear to the left of the items underneath the Books

You may also Share an entire list, a set of items, or a single item by email.

NetProF Lists Function Features (Cont'd)

Use the Lists tab to see an overview of your lists, lists you've visited, and public lists available to view.

Adding, Deleting or Editing Lists

Click on the Share icon to send an email link to your list.

Click on the Items icon to view the items in your list. You may also edit your list by adding or deleting items.

Click on the plus icon to add a list, or the minus icon to delete a list you've created.

Many of the list functions that you can control from the Learn screen can also be accessed from the Lists screen. These include creating new lists, adding or deleting items from your lists, and sharing lists by email.

NetProF Lists Function Features (Cont'd)

Making Lists Private or Public

First click on the pencil icon. You will see a menu appear on your screen.

Use the Title field to edit your title.

Click Public to make the list viewable to others.

Click Save.

Lists that you create are private, i.e. only accessible through your login. You may make them public if you want to allow other users to view them. You can also use the Lists screen to retitle a list that you've created.

NetProF was developed through a collaboration of the DLIFLC Language Technology Evaluation and Application (LTEA) Division with the Massachusetts Institute of Technology's Lincoln Laboratory.

Please contact us with any questions or comments:

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