Learning-Log System
User Guide

Learning-Log means your record of what you learned and this system makes it easy to remember new vocabularies for foreign language learners (English/Japanese/Chinese). It allows you to log your learning experiences in terms of Learning-Log Objects (LLOs), and to share and to reuse them with others. Using Learning-Log system, you can receive quizzes and answers for your questions. Also, you can navigate through surrounding LLOs supported by augmented reality view. Learning-Log system can be used on Android mobile phones or/and on PC using any web browser.

Feature of Learning Log System

1. Record new vocabularies (English/Japanese/Chinese) with photo as a learning log object.
2. Share learning log objects among users.
3. Ask a question to other users if you have an unknown word.
4. Recall past learning log and learn new vocabularies using quizzes.
5. Navigate past learning log on camera image.
6. Receive a personalized notification by your learning history and location.

1-Get Started

On PC: Use the system from the following website http://ll.is.tokushima-u.ac.jp

On Android: The system consists of two applications, *Learning-Log for You* and *Learning-Log Navigator*. You can install these applications from *Google Market* for free. Do not forget to enable *GPS* from the phone settings.

Create New Account:

On PC: Go to the system website. **On Android**: Run *Learning-Log for You* application. Click on *Create Your Account*.

Then the system will ask you to enter your email account, after few seconds, the system will send you an invitation email that contains an activation link, click on the link to enter a password and to complete your profile information. After that, Press on *Submit* to save your profile.

Profile webpage

Note: The system will be customized according to your profile information. However, you can update your profile later after signing in the system website by selecting *Profile* tab from the main menu.

Sign in

On PC: Go to the system website. **On Android**: Run *Learning-Log for You* application. Enter your email account and password then press on *Login*/*Submit*.

Forget Password

On PC: Go to the system. **For Android**: Run *Learning-Log for You* application. Press on *Forget Password*, then the system will send you an email with your account information.

2-Retrieve Learning-Log Objects

My Log

On PC: From the system website main menu, select *My Log* tab. You will get a list of objects registered by you. You can select any object to get the object details. Also you can edit or delete any object.

On Android: From *Learning-Log for You* main screen, press on *Learning-Log* icon. You will get a list of objects registered by you. You can select any object to get the object details.

Android *Learning-Log for You* Main Screen

All Logs

On PC: From the system website main menu, select *All Logs* tab. You will get a list of all registered objects with the ability to filter them according to *Question Status* and *Teacher's Confirmation*. You can select any object to get the object details, whereas if you click on *ReLog it* button, an instance of this object will be copied in your log.
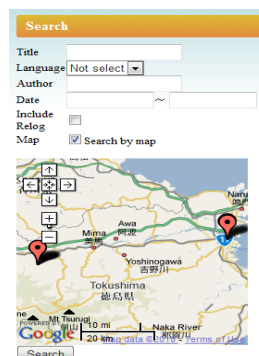
All Logs objects webpage

On Android: From *Learning-Log for You* main screen, press on *Learning-Log* icon in the main screen, and then press on *Latest Log* tab. You will get a list of latest registered objects. You can select any object to get the object details.
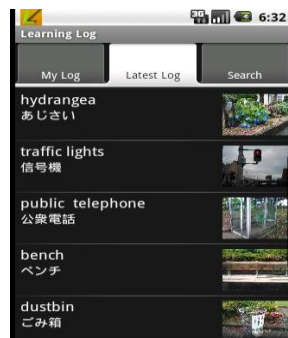
Android Object List

Search for Objects

On PC: From the system website main menu, select *All Logs* tab. At the left side of the page, you can search for objects according to certain criteria, for example: title, author, location….
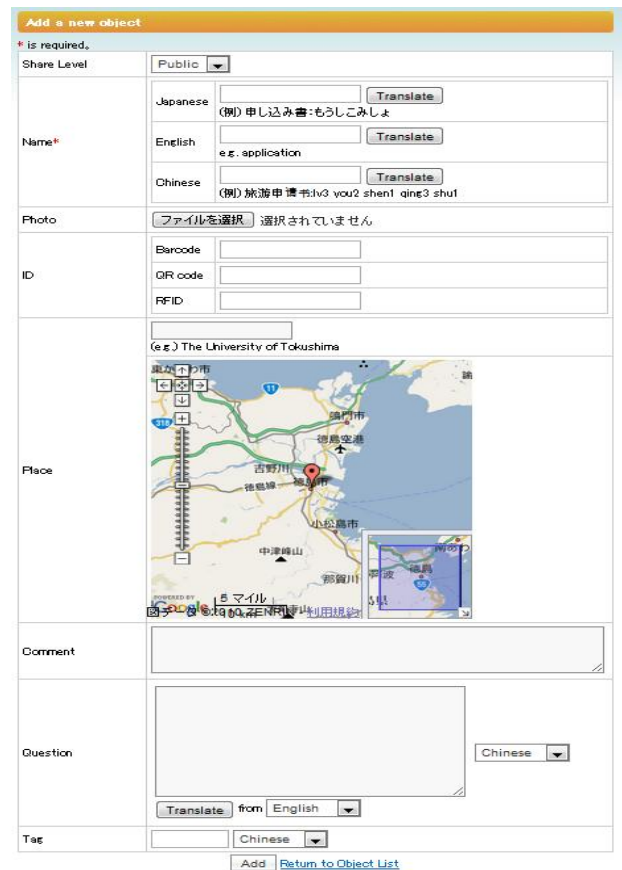

Search in All Logs webpage

On Android: From *Learning-Log for You* main screen, press on *Learning-Log* icon in the main screen, and then press on *Search* tab. You can search for objects according to title, author, or tag.
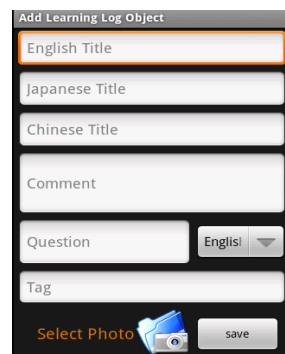
3-Add New Object

On PC: From the system website main menu, select *All Logs* tab or *My Logs* tab, and then click on *Add.* You can enter the object data with the ability to upload a photo associated with GPS data. Also you can submit a question that will be forwarded to native speakers of the language you are learning. You will receive notification email when your question is answered.

Add New Object webpage

On Android: From *Learning-Log for You* main screen, press on *Note* icon in the main screen. You can enter the object data with the ability to upload a photo associated with GPS data. Also you can submit a question.

Android Add Learning Log Object

4- Quizzes

You can try to answer quizzes anytime in the language you are learning. **On PC**: From the system website main menu, select *Quiz* tab. **On Android**: From *Learning-Log for You* main screen, press on *Quiz* icon. Also, you can set a schedule to receive quizzes periodically on your phone by the system. From the system website, select S*etting* tab.

Settings webpage

When you receive a quiz, the system will add a notification on the Android status bar in addition to giving a short vibration.
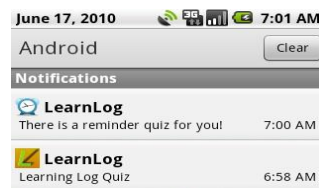
Android Quiz Notification

Android Quiz Screen

Quiz webpage

5- Learning-Log Navigator
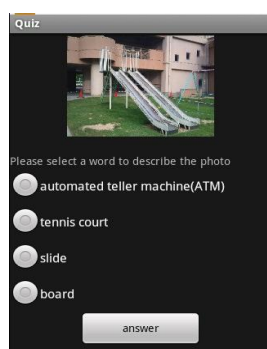
Learning-Log Navigator is an application for Android phone. It provides mobile augmented reality that allows you to navigate through the Learning Log Objects (LLOs).

Note: Please be sure that GPS is enabled in your phone settings.
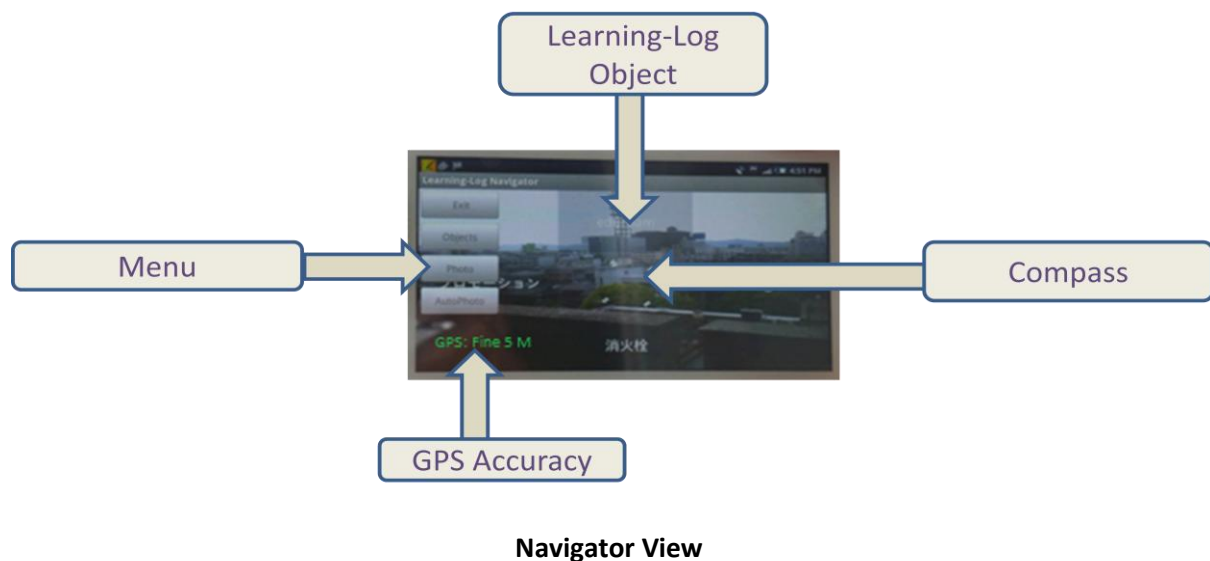
Activate the Navigator View

Run *Learning-Log Navigator* from Android program menu or press on *Navigator* icon in *Learning-Log for You* main screen (recommended for the first time of using it).

Whenever you become close to a location of LLO (within walking distance), the system adds a notification on the Android status bar. Pressing on the notification icon is another way to activate *Learning-Log Navigator* view.

There are two different view modes:

> ➢ Camera Mode: The phone camera is used to get a real view.
> ➢ Light Mode: The camera is turned off that saves the battery power.

Navigator View

The Navigator View shows the nearest surrounding LLOs in the four directions (Forward / Backward / Left / Right). Press on any LLO to get more details (titles, distance, map).

LLOs Route

To get the direction from your current location to one of the nearest surrounding LLO, press on it from the Navigator View, and then select *Map*. It will show the route in Goole map. You can navigate and see your current location of the map while walking.

To get a route for another object or more than one LLO, touch on an empty area on the Navigator View, a Menu will be appeared on the left-side, press on Objects button, a list of all surrounding LLOs will be displayed, check in one or more LLOs, and press Ok. On the map, you can press on LLO mark to get its details.

LLOs Route

Capture Photos

You can take a photo (only on Camera Mode) in order to add it to your log as LLO from *Learning-Log for You* application.

From the Menu, press on *Photo* button, a photo associated with the GPS data will be stored in the default picture folder in the SD card. It is recommended that you take a photo when the GPS accuracy is *Fine* (green), you can get information about the GPS accuracy (in meters) in left- bottom part of the Navigator View.

Photos can be captured automatically. From Menu, press on *Auto Photo* button, select the period of time (every 1, 5, or minutes). In order to reset the timer, press again on *Auto Photo* button.