



LEIRNSURE

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LEIRNSURE

Educational Game-Based
Platform

USER MANUAL



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DASHBOARD/LOG-OUT

STUDENT RANKING

STUDENT RANKING

Game Name: Forms of Oral Communication Topic:

Ranking	Student Name	Score
1st	ean	0
2nd	tap	0

This is the Dash Board page where the teacher can show the students ranking. It shows the rank of the students, codename and the score of each student. This will help the teacher to monitor the class standing.

LOG-OUT

The Log-out button is located at the right side of the navigation bar, which will show a pop up dialog when clicked. A verification for continuing the command. When the user clicked the yes button, it will lead to the landing of the website.



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RESULT PER GAME

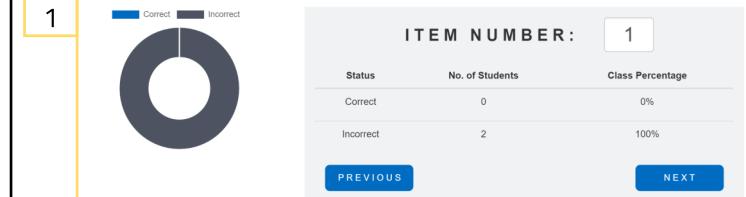
GAME RESULT EACH GAME

GAME RESULT: IDENTIFICATION

GAME INFORMATION

Game Name: Forms of Oral Communication Host Name: Jaime Pardo

RESULT



Item Number

#	Student Name	1	2	3	4	5	6	7	8	9	10	Overall
1	John Patrick Papares	x	x	x	x	x	x	x	x	x	0	0
2	Nielanie Panoso	x	x	x	x	x	x	x	x	x	0	0

« 1 - 10 11 - 20 21 - 30 31 - 40 41 - 50 51 - 60 61 - 70 71 - 80 81 - 90 91 - 100 »

3

SHOW DASHBOARD

This will be the page where the student will see the result of the specific game. It contains the game information which includes the game name and creator of the game and an Item Analysis. Item analysis is the summarized result of the class together with the detailed one meaning, per student.

1

The diagram shows the number of students and class percentage who got the correct and incorrect answer per item number which is located the top of the box, supported with a chart.

2

The table shows the result of game per student. It includes the name of the student , the number of items whether the student is right or wrong and the overall score.

3

This button "Dashboard" will show the ranking of the student in the game.



GAME RESULT

GAME RESULTS

The screenshot shows a 'GAME RESULTS' page with four categories: 'IDENTIFICATION', 'MULTIPLE CHOICE', 'SPELLING BEE', and 'VOCABULARY WORDS'. Each category has a small icon and a 'VIEW RESULTS' button.

This form is for viewing the specific game result. It contains all the game category that will let the teacher choose what type of game the teacher wants to see the result.

The screenshot shows a 'LIST OF SAVED GAMES' for the 'IDENTIFICATION' category. It lists two saved games: 'Forms of Oral Communication' and 'Forms of Oral Communication v1', each with a 'Next' button.

This will show the list of saved games of the selected type of game. And has button for the viewing of the created game.



ABOUT

LEIRNSURE: Educational Game-based Platform

Leirnsure is an Educational Game – Based Platform where it helps the teacher in teaching as well as the student in learning. It is an online multi – player game that will help to sharpen memories and fun to play. It has an android application intended for playing the game and the web extension for creating the game. It is planned to teach learners about certain subjects, expand concepts, develop skills and provides learning as an individual play.

Leirnsure features are multi- player, web site extension, android application, user – friendly interface, results generator and security. Through Leirnsure: Educational Game-Based Platform, learners will develop variety of important skills while playing games such as critical thinking skills, creativity, sportsmanship, and learn how to think outside the box. Students will engage to a new learning environment.

The word leirnsure is came from the thought that while the student's playing the game, she will learn in a creative way. This new things on their learning environment will help them to achieve to be better student.



SYSTEM REQUIREMENTS

ANDROID APPLICATION

Android phone

OS Lollipop version 5.0 and above

Android screen resolution 720 x 1280

WEB INTERFACE

Stable internet connection

Windows 7, 8 ,10

Android screen size 4.55 inches

1 GB RAM of android phone and high quad core processor

Windows PC or laptop



GAME CREATION

MODAL FOR CREATING GAME

ITEM NUMBER: 10

Question:

Answer:

Explanation:

PREVIOUS NEXT

SUBMIT

This modal is intended for the creation of specific game. The teacher must fill up the question, answer, choices, clues and explanation depending on the type of game the teacher chooses to be played by the student. The item number depends on the number of questions inputted on the game information. The teacher can go back to the previous item and go to the next item. The button "submit" will show if and only if the teacher completed inputting data in the modal.

This dialog box will pop-up to inform the user that the game that has been created is saved in the database.

leirnsure.com says
Successfully Saved!

OK



GAME INFORMATION

GAME INFORMATION

IDENTIFICATION

Game Information

Game Name: Please choose a unique and valid game name.

Topic :

Duration: second(s) Minimum of 10 seconds per item.

Password: number only Show Password

No. of Items: Minimum of 10 and Maximum of 100 items.

No. of Students: Minimum of 1 students.

RESET **START**

This form will let the teacher to fill up all the needed game information such as game name, topic of the game, duration, password, number of items and number of students who will play the game. It also have a guide in filling up specific text box which is located at the button of each text box. The teacher can reset this form and fill up again. After giving all the necessary information the teacher can now click the button start.



ANDROID APPLICATION



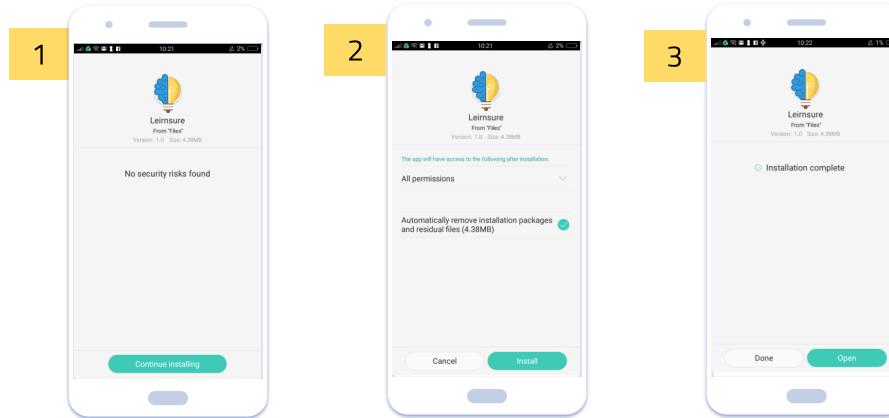
Android application of Leirnsure: Educational Game – Based Platform is composed of the games created by the teacher in the web interface. This application will be used only by the students.



INSTALLATION

Installer	22/03/2019 8:22 AM	File folder
Manuscript	22/03/2019 8:21 AM	File folder
System	22/03/2019 8:22 AM	File folder
User Manual	22/03/2019 8:22 AM	File folder
leisure.apk	22/03/2019 8:24 AM	APK File 4,484 KB

The developers provided a folder where you can find series of files which includes the system, documents, user manual and the installer of the android application. The management shall distribute the installer to all the user. Now, the user can install the application. After accessing the file. The following form will pop-up:



The system secures that the package doesn't contain any harmful or risky file. It will request a validation from the user if the system will continue the installation.

This will let the user know what are the following files that will be accessed by the application after the installation. And will remove the installation packages and residual files.

The form shows that the installation of application has been completely done and can be open after clicking the open button and the done button if the user wants to open it later.



CREATION OF GAME

CREATE GAME

[Home](#) [In-Game](#) **Create** [Result](#) [Log-out](#)

CREATION OF GAME

IDENTIFICATION

Identification tests are a broad category of tests intended to verify the presence of a specific element, functional group or compound. They are good to test the lowest level of cognitive taxonomy.

[CREATE](#)

MULTIPLE CHOICE

Multiple choice test questions, also known as items, can be an effective and efficient way to assess learning outcomes. It consists of a problem, known as the stem, and a list of suggested solutions, known as alternatives. The alternatives consist of one correct or best alternative, which is the answer, and incorrect or inferior alternatives, known as distractors.

[CREATE](#)

SPELLING BEE

A spelling bee is a competition in which contestants are asked to spell a broad selection of words, usually with a varying degree of difficulty.

[CREATE](#)

VOCABULARY WORDS

Vocabulary word is a test for knowledge (as of meaning or use) of a selected list of words that is often used as part of an intelligence test

[CREATE](#)

Copyright © Leisure 2019

This form is for the creation of the game. It shows different categories of game that can be picked by the teacher. It also include brief information per game which gives a hint of what kind of game the teacher wants to be played by the student. The create button is the button that will be clicked when the teacher chooses a game and will lead to the next form.



IN-GAME PAGE

IN-GAME

The screenshot shows a web-based application interface. At the top, there's a yellow header bar with the text "IN-GAME". Below it is a black navigation bar with tabs: "Home", "In-Game" (which is highlighted in blue), "Create", and "Result". The main content area has a blue header "CONNECTED USERS". Below this, there's a table with columns for "#", "Student Name", and a "START" button. The table is currently empty. At the bottom of the page, there's a dark footer bar with the text "Copyright © Leirnsure 2019".

To start the game on android application, the teacher will go to this In-Game Page, where the teacher can see all the connected students in the specific game that has been selected. When all the students are ready, the teacher will click the Start button and will also be visible in the android application which is shown in the Connected User page in the android application (page 9).



LOGGING IN

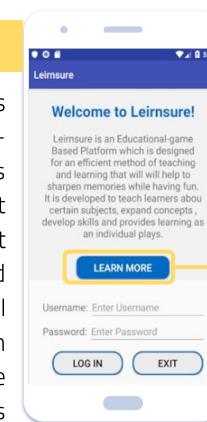
After the installation has been done the following form follows:



This form will be the first to show up when the user opens the application. It shows the logo and the name of the game. The name Leirnsure came from the words Learn and Leisure that means the user will enjoy while learning.

LOG-IN

In this form, it welcomes the user in using the application. It also shows basic information about the application. And it contains a button named "learn more" which will lead to the full information of the application. The user will also login in this form using the account created in the web interface of the application.



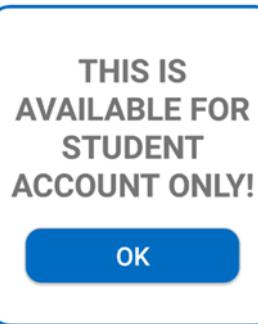
ABOUT

After clicking the "learn more" button this form will show. It contains the information of the application and its purpose.

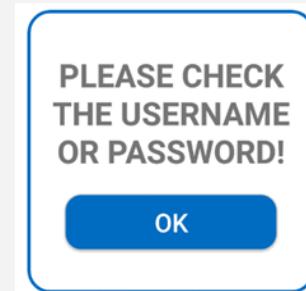


LOG IN WARNINGS

After the user log-in in the application the one of the following dialog box will pop-up depends upon the internet connection or the credential the user used.



The application can only be accessed by the students. The credential that should be used is for the student only that has been created through the web interface.



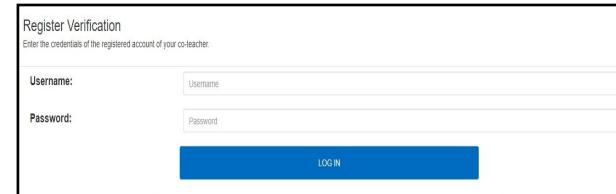
This dialog box will pop up when the user accidentally inputted invalid username or password which varies from the credential the user created. It might be a wrong spelling, password or username.



This will show when the user inputted the correct credential with the right username and password. Which leads to the home form of the application.



HOME PAGE

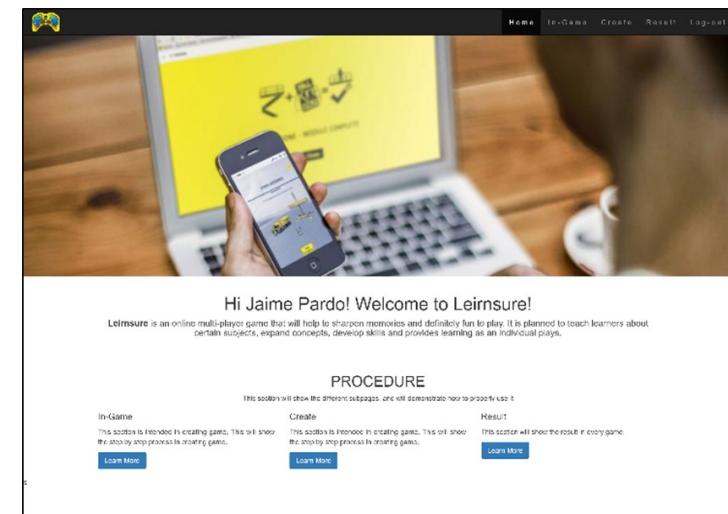


After the user clicked the Register button, this modal will show which require a verification of account from a registered account.



When the user inputted a credential, this dialog box will show up to notify that the user successfully log in to the site.

This page will show when the user successfully log in into the site. This page will welcome the user when it opens the leirnsure web site and it will lead the user to different procedures on how to use the web site. It also shows the navigations such as Home, In – Game, Create, Result and Logout.





LOG IN/ SIGN UP PAGE

Login Register

Username: Username

Password: Password

LOG IN

LOGIN

Login page is for the restriction of whom the page can be accessed. It will only let users with registered accounts access the site specifically teachers.

SIGN UP

Login Register

Register

Name: Jose Manalo

School: Moreno Integrated High School

Position: Teacher

Username: WhoKnows

Password: 123456 Confirm Password:
 Show Password

REGISTER

When the user finished all the needed information, the Register button will be visible and enabled to be click by the user.

1 Full Name of the user

2 School Attending. The system only provide two options: (1) La Consolation College (2) Moreno Integrated High School

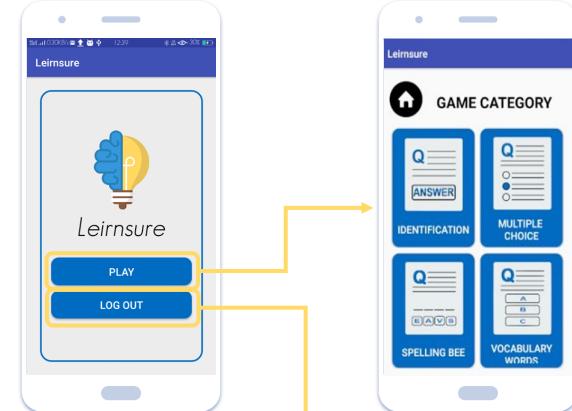
3 Position. It can only be teacher or student.

4 Username. This represents the codename of the user.

5 Password



HOME



HOME

This is the Home Page of the Leirnsure Application. Which contains the Play and Log-out. The Play button will lead the user to the Categories of the Game and Log-Out button when you want to log-out and will lead to the Log-in form.



GAME CATEGORY

After clicking the Play button, this form will show which contains series of buttons named by its category. The games are Identification, Multiple Choice, Spelling Bee and Vocabulary Words. The user will pick a category depends upon the selection of the teacher.

LOG-OUT

When the user clicked the log out button, this dialog box will pop-up which verify the command of the user to log out the account. If the user clicked yes, it will lead to the log in form and if the user clicked no, it will be back to the home form.



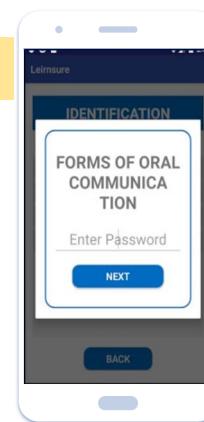
SELECTION OF GAME



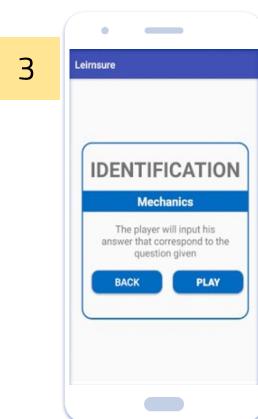
1

The selected game category is the identification. This form will show the list of the game created by the teacher in the web interface. The user will pick a game which also depends upon the teacher. It also has a back button to be able to get back to the game category form.

2



This is a dialog box where the application requires a password per game which will be given by the teacher before playing the game. This is for the security of the game not to be played before or played again by the student.



3

The form shows the mechanics of the game–identification. Which also has a button play and back. Play button when the user is sure to play the game and Back button when the user wants to go back to the list of the game by the identification category.

8

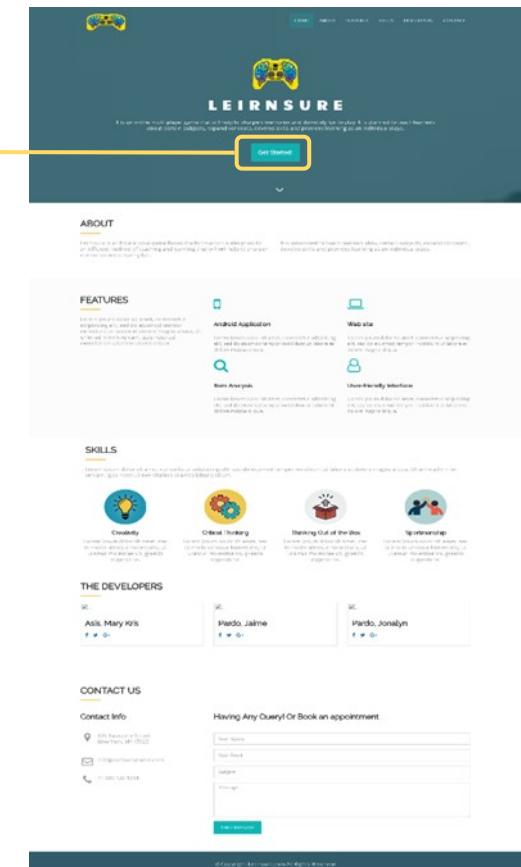


LANDING PAGE

The Landing Page is the page where all the users can view even those who do not have an account yet. It contains the information of the web site, its developers, features, skills that can be developed using this site including the application, how to contact the developers and a button that leads to log in and sign up page.

Get Started

This button will lead to the Log-in / Sign-up Page.



13



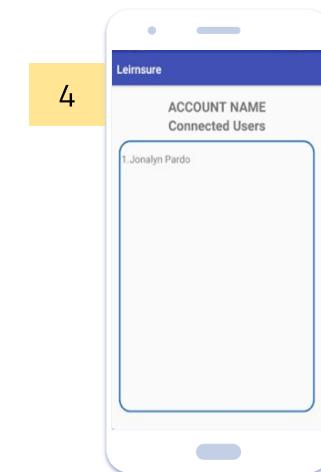
WEB INTERFACE



The creation of game will take place in the web interface of Leirnsure: Educational Game – Based Platform. Only teachers can access the website wherein verification code is needed in creating teacher's account.



CONNECTED USERS



The user can see the list of the connected students who are going to play the game.



When the teacher clicked the start button in the web interface the button NEXT will show up and the student can start the game.



GAME PROPER

This is when the student will start answering series of questions, the illustration shows the different parts and label of the form interface.

This is the Item number together with the No. of the game items.

This is the timer per game item.

Item question inputted by the teacher in the web interface.

This is where the student will input the answer to the question given.

This button can only be click when the student inputted an answer.

In the last question, if the user finished answering the questions and there still remaining time, the answer key will not display if the time is not yet ended. It means that the students will see the answer key simultaneously.

This is the score-board of the student which contain the raw score of the student and number of items. And also the review answers button.



GAME RESULT

When the user clicked the Review Answer button, this will be the form that will be shown. It includes the following:

Game Name

The Game Category of the Game that has been selected.

Score of the student in the game.

This is item number, where the student can also modify depends on the item number the student want to review the answer.

Explanation of the specific game item.

These are series of button which can be click by the student. Back button is for showing the previous specific item result. Done Button is when the student is done reviewing the answer. And Next button is for viewing the next item result.

This will show the answer of the student whether it is correct, incorrect or no answer.

This button will lead
to the Log-in / Sign-
up Page.