

# USER MANUAL



IGLESIA NI CRISTO  
**SIGN LANGUAGE APP**

**SUBMITTED BY:**  
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## MORE ABOUT INC SIGN LANGUAGE APP

The **Iglesia ni Cristo (INC) Sign Language app** is an educational application created by CHRISTIAN SOCIETY FOR THE DEAF to help individuals learn basic sign language, particularly for worship and biblical studies. It tries to make communication more accessible to people with difficulties with speech and hearing.

## DEVICE SET UP GUIDE

This application is available for both iOS and Android

### IOS Devices:

- iPhone and iPod touch: Requires iOS 9.0 or latest.
- iPad: Requires iPadOS 9.0 or later.
- Mac: Requires macOS 11.0 or later and a Mac with an Apple M1 chip or latest.

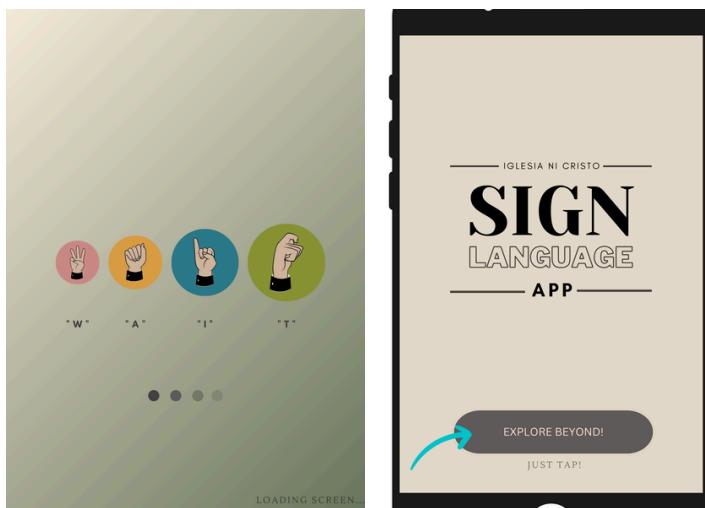
### Android Devices:

- Operating System: Requires Android 8.0 (Oreo) or latest.

## INSTALLATION

Install the application

## PROCEDURE



### STEP 1:

After the installation, open the app and wait for 4 seconds.

### STEP 2:

Then, the start page will appear , just tap the “**EXPLORE BEYOND**” to quickly proceed to **MAIN MENU PAGE**.



### STEP 3:

On the **MAIN MENU** page, there are **menu drawer**, **search bar** and **voice recognition**. And also, there are various categorized icons. It has 20 icons, and to view the others, just simply slide upward.

#### The icon labeled as:

- |                   |                           |
|-------------------|---------------------------|
| • FAVORITES       | • PLACES                  |
| • GREETINGS       | • BODY PARTS              |
| • DAYS AND MONTHS | • FOODS AND DRINKS        |
| • EMOTIONS        | • LEGAL                   |
| • ALPHABET        | • QUESTIONS               |
| • NUMBERS         | • BIBLE                   |
| • ANIMALS         | • FRUITS AND VEGETABLES   |
| • PHRASES         | • COLORS                  |
| • HOME            | • MEDICAL                 |
| • FAMILY          | • IGLESIA NI CRISTO TERMS |

## STEP 4:

Simply press the icon you wish to open. When you click these icons, the contents of each icon will appear.



Here are the contents of these icons for the first slide.

 Favorites	 Greetings	 Day and Months	 Emotions
Faith Love Hope Happy Birthday Congratulations vaccination higher court Las Vegas dizzy 1 to 10 angry justice	good morning good afternoon good night good evening goodbye  happy anniversary happy birthday hello hi  thank you  welcome	Monday Tuesday Wednesday Thursday Friday Saturday Sunday  January February March April May June July August September	angry bewildered coward crazy  depressed dizzy doubt  eager embarrass envy excited  fear friendly
 Alphabet	 Numbers	 Animals	 Phrases
Alphabet (A to Z)	Numbers	Sample Phrases	Basic teachings of the bible
A B C D E F G H I J K L M N	1 to 10 11 to 20 21 to 30 31 to 100 100 to 1000 One thousand to one trillion zero	I love you wonderful looks We invited you to attend our worship... The Philippines is located in the Far..... we invited you to attend our Bible..... The Iglesia Ni Cristo was registered.....	Those words of God are written in..... Faith without work is dead. We must always pray to God. No one knows the exact day of..... There will be no more tears,suf..... Christ is the mediator of God. Christ is a man in nature. No one knows the exact day of.....
 Home	 Family	 Iglesia Ni Cristo Terms	
A — address air condition  B — bathroom battery bed bedroom blanket brownout  C — calculator calendar car opener candle ceiling chair clock	A — aunt baby brother  C — child children cousin  D — daughter  F — family father  G — grandfather grandmother  H — husband  M — mother	A — Alliance of Computer Technolog..... annual thanksgiving annual thanksgiving offering  B — band together barangay chapel binhi Binhi day Bro. Angelo Eraño V. Manalo Bro. Eduardo V. Manalo Bro. Eraño G. Manalo Bro. Felix Y. Manalo Bro. Eduardo V. Manalo is our exe.... buklod Buklod Night  C — caucus group Central office	



Here are the contents of these icons for the second slide.

	Places
<b>Continents</b>	
Africa	
Asia	
Australia	
Europe	
North America	
South America	
<b>Countries</b>	
Cambodia	
Canada	
China	
Denmark	
Dubai	
Egypt	
England	
France	
Germany	

	Body parts
<b>A</b>	
arm	
<b>B</b>	
beard	
body	
bone	
brain	
breast	
<b>C</b>	
cheek	
chest	
chin	
<b>E</b>	
ear	
elbow	
eye	
eyebrow	
<b>F</b>	
face	
feet	

	Foods and Drinks
<b>B</b>	
bacon	
beef	
beer	
biscuit	
bread	
butter	
<b>C</b>	
cheese	
chicken meat	
chocolate	
coffee	
cookies	
<b>E</b>	
egg	
<b>F</b>	
food	
french fries	
<b>G</b>	
grain	

	Legal
<b>A</b>	
affidavit	
annul	
<b>B</b>	
break the law	
<b>C</b>	
Certificate of Marriage	
Certificate of No Marriage Record	
civil marriage	
constitution	
contract	
convict	
copyright	
court	
court of the law	
crime	
criminal	
<b>D</b>	
death certificate	

	Questions
<b>D</b>	
Do you want to enlist as a Bible s..	
H	how
How are you?	
how many?	
how much ?	
How old are you?	
I	I can't see it.
I don't see it.	
W	What
What is your name?	
what time is it?	
when	
where	
Where do you live?	
which	

	Bible
<b>A</b>	
Abraham	
Adam	
amen	
apostles	
<b>B</b>	
baptism	
Bible	
born again	
<b>C</b>	
christian	
church	
<b>D</b>	
David	
<b>E</b>	
eternal life	
Eve	
<b>G</b>	
God	
<b>H</b>	

	Fruits and Vegetables
<b>A</b>	
ampalaya	
apple	
avocado	
<b>B</b>	
banana	
berry	
blackberry	
blueberry	
<b>C</b>	
cabbage	
calamansi	
cherry	
chili	
coconut	
corn	
<b>D</b>	
duhat	
durian	

	Colors
<b>B</b>	
black	
blue	
brown	
<b>G</b>	
gray	
green	
<b>O</b>	
orange	
<b>P</b>	
pink	
purple	
<b>R</b>	
red	
<b>W</b>	
white	
<b>Y</b>	
yellow	

	Medical
<b>A</b>	
abortion	
addiction	
alcohol	
alcoholic	
anti-anxiety drug	
anti-virus	
antidepressant	
asylum	
attack	
autism	
<b>B</b>	
bandage	
bipolar	
blind	
blood	
bulimia	
<b>C</b>	

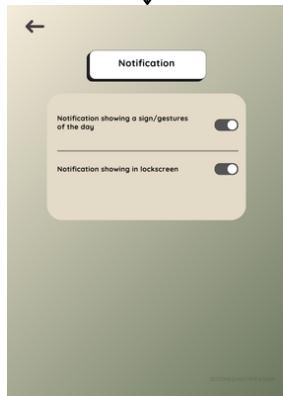
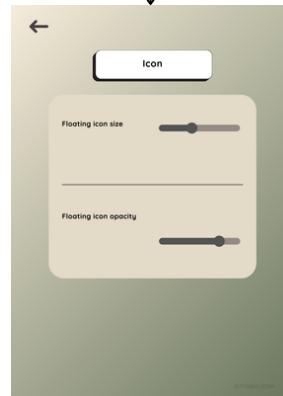
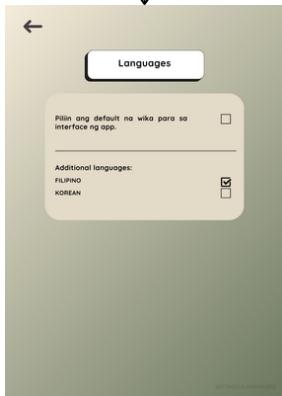
This is **SEARCH BAR**, just enter text what desire you want to search.

**VOICE RECOGNITION** is inputting text or search queries by speaking, rather than typing, just tap it to activate.

Just tap the **MENU DRAWER** and it reveals the settings and other additional option.



**STEP 5:** On the MENU DRAWER , tap the **SETTINGS** button. Here you will find language preferences and other options. Just taps these buttons, similar to the previous ones.



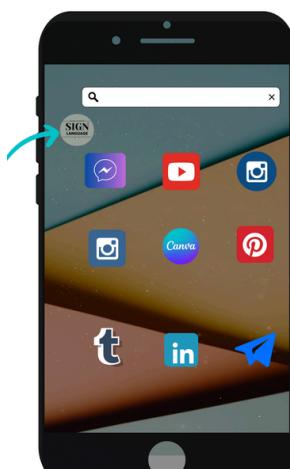
**Language Preferences** - This is if you want to change the language you want. Just tap the boxes for what language you prefer.

And here's the result:



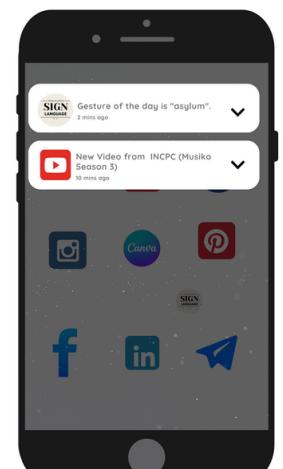
**Icon** - If you want to access the icon quickly, just modify it according to the size and opacity you want. Control it by sliding the movable button from left to right or vice versa.

And here's the result:



**Notification** - This is if you want to inform about important updates. Just adjust the toggle button between the two states, typically tap it by on/off or enabled/disabled.

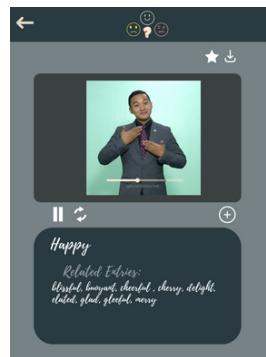
And here's the result:



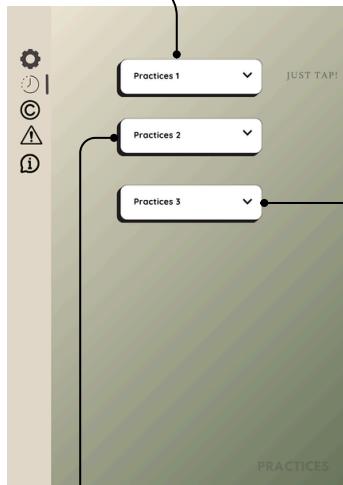
**FONT SIZE BUTTON** - Tap the hash sign if you want to decrease the size and plus sign is for increasing the sizes.

**Theme** - Modifying your app theme that to be more aesthetic appealing. Just tap the box buttons according to your desire fonts.

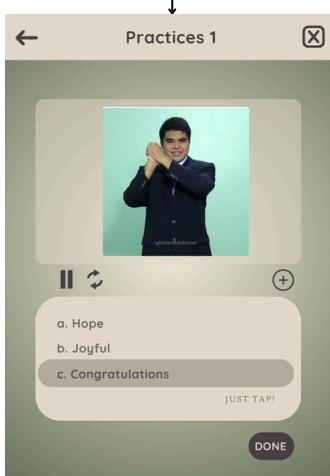
And here's the result:



**DARK MODE** - Tap the toggle button if you want the interface to be a dark color.

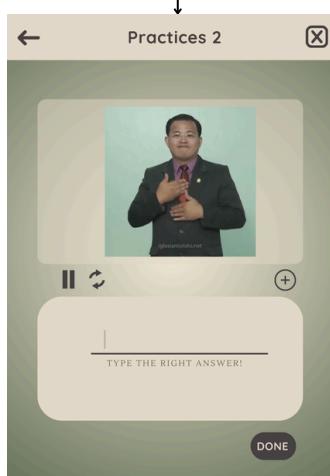


**STEP 6:** Tap the **ACTIVITIES** button. Here you will find practices and other options. Just taps these buttons, similar to the previous ones.



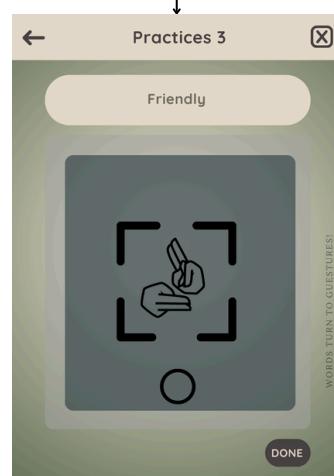
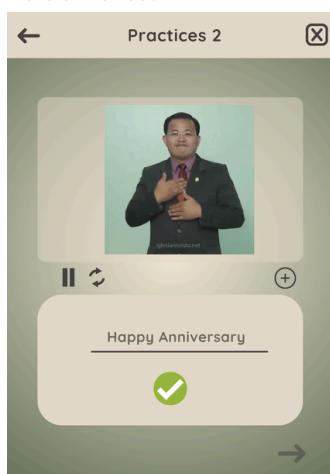
**Practices 1:** In this level, multiple-choice questions are used. Simply tap the letter of your chosen answer, then press "Done" to find out if it is correct or incorrect.

Here's the result:



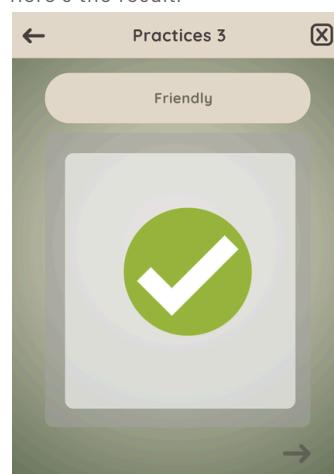
**Practices 2:** In this level, it is an identification type. You need to guess the sign language being shown. Just tap the answer label to type your answer. Once you're done, press "Done" to see the correct answer.

Here's the result:



**Practices 3:** In this level, the user will perform sign language. The signs must be clear and accurate for the system to detect if you are performed correctly.

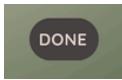
Here's the result:



**BACK BUTTON** - Tap this button if you want to return the previous screen, page or state.



**CANCEL BUTTON** - Tap this button if you want to stop or exit your practices.

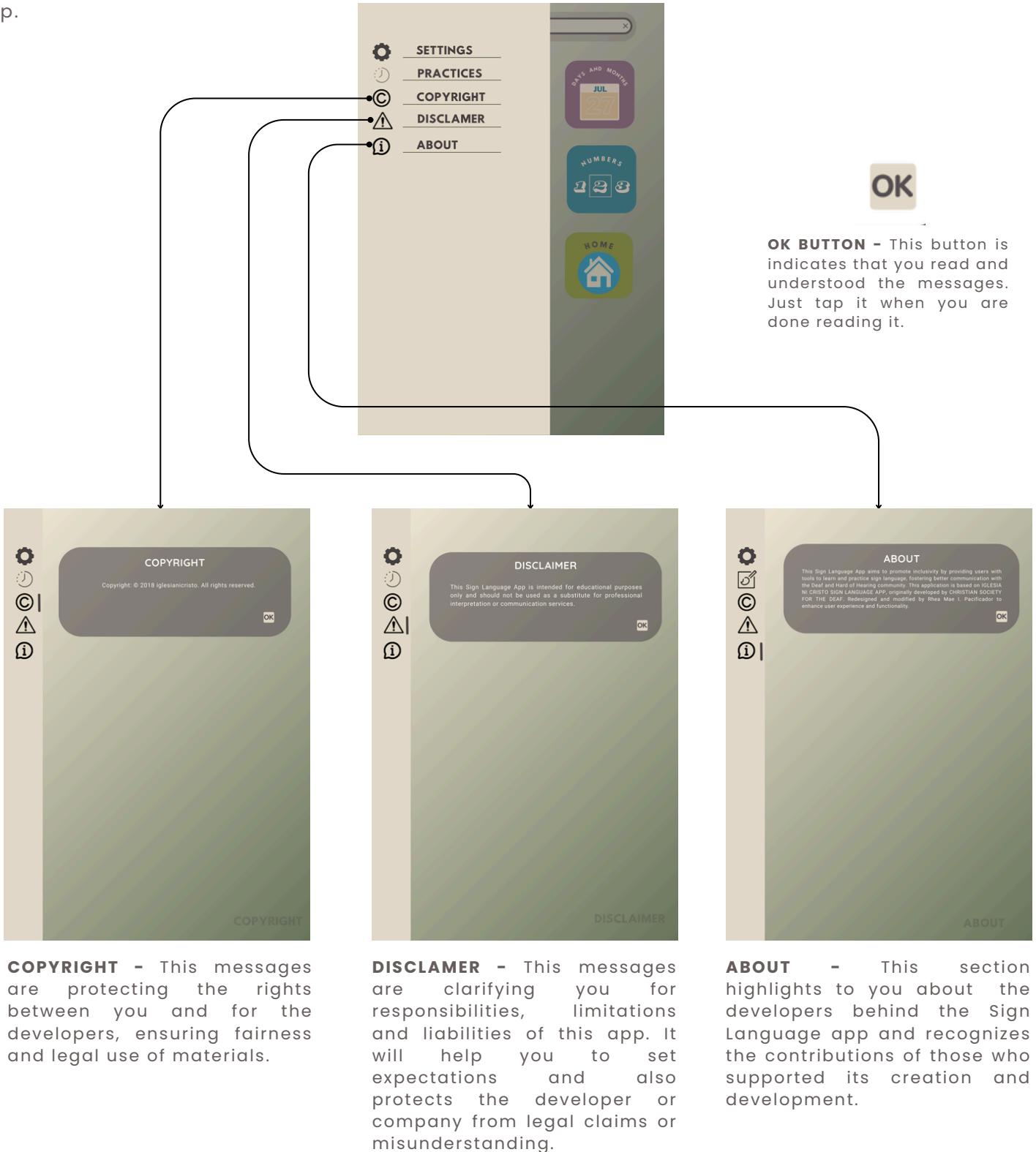


**DONE BUTTON** - Tap this button if you want to submit your final answer.



**NEXT BUTTON** - Tap this button if you want to continue the practices.

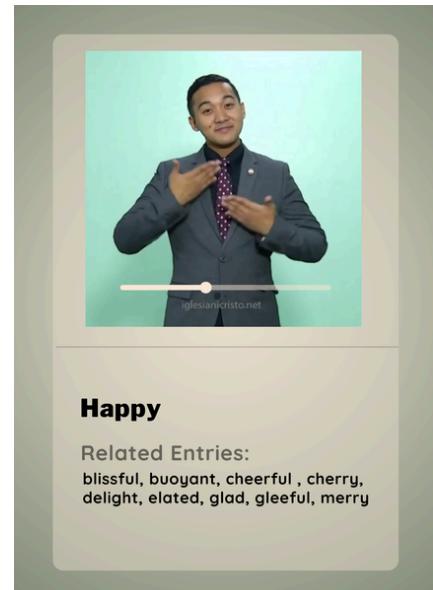
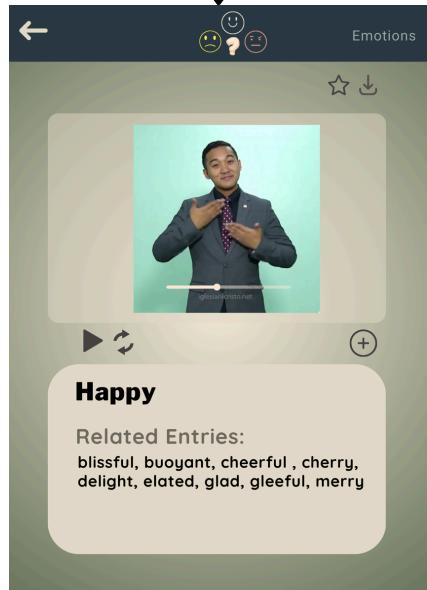
**STEP 7:** For the remaining buttons in the menu drawer, just press it for important information for this app.



**STEP 8:** When you enter a category icon, you will see a selection of options. For the words you choose, a short video demonstrating the sign will play, along with multiple buttons. All buttons here you can be used by simply tapping, clicking, or pressing.



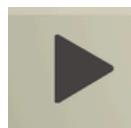
	Emotions
B	wildered
C	coward
	crazy
	cry
D	depressed
	dizzy
	doubt
E	eager
	embarrass
	envy
	excited
F	fear
	friendly
H	happy



**PLAY BUTTON** - Press this button to start or resume a video.



**SAVE VIDEO BUTTON** - Tap this button to help you store a video.



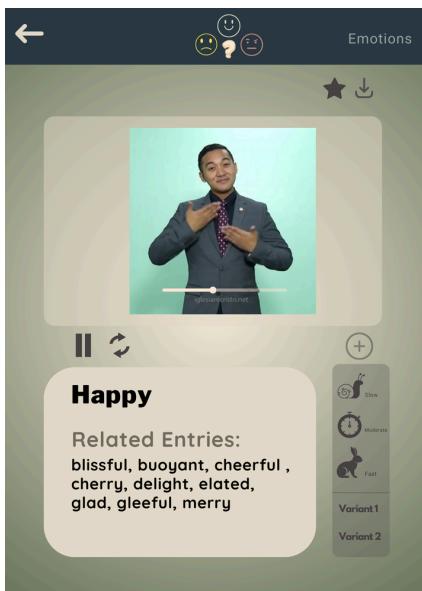
**PAUSE BUTTON** - Tap this button to temporarily stop the video.



**ADD TO FAVORITES BUTTON** - Tap this button to help you keep specific words for quick access later.



**LOOP BUTTON** - Press this button to help you replay a video for difficult parts.



**STEP 9:** Tap this drop-down button to reveal a list of options such as slow, moderate, fast, and variants. These options help you to modify the sign language video.



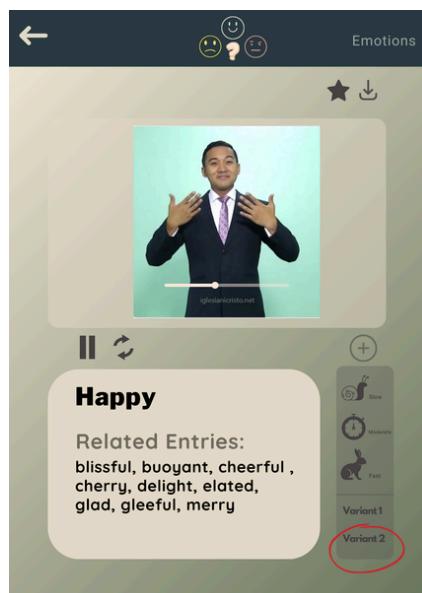
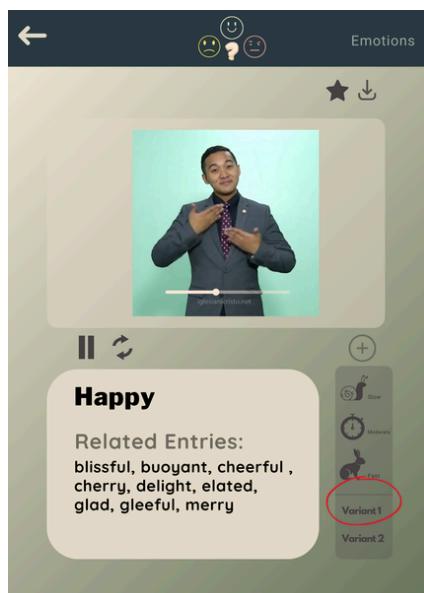
**SLOW BUTTON** - Press this button to help you for making play a video at a slower pace for better clarity and understanding.



**MODERATE BUTTON** - Tap this button to help you for play a video at a natural or easy-to-follow pace.



**FAST BUTTON** - Tap this button to increase the playback speed of a sign language video.



**VARIANTS BUTTON** - Tap this button to help you to compare and select the most comfortable version of sign languages action.

This application is based on the original design and development by CARL PHILLIP TE. The enhancements and redesign of the app were carried out by Rhea Mae I. Pacificador for project purposes. All rights to the original application are reserved by CARL PHILLIP TE and CHRISTIAN SOCIETY OF THE DEAF under CHRISTIAN FAMILY ORGANIZATION OFFICE OF THE IGLESIA NI CRISTO.