

# predictable



User Guide  
Version 4.0



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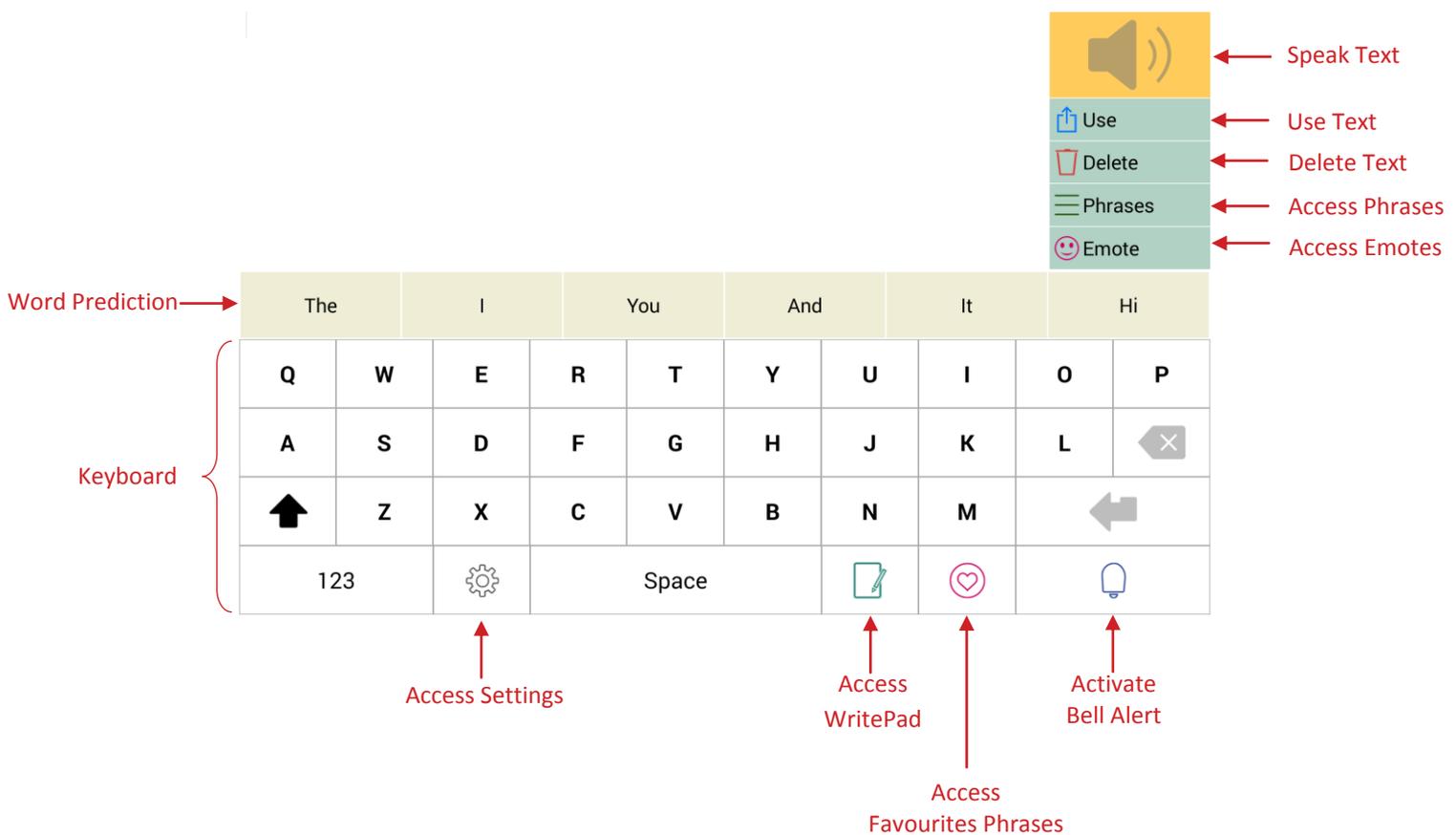
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# Introduction

Predictable is a voice output communication aid app for Android tablets. It is designed for a wide range of augmentative communication aid users including those with MND/ALS, Cerebral Palsy and people with other communication difficulties.

Predictable is designed to give people with limited spoken output a way of quickly and easily communicating. Basic use of Predictable is very simple, users can type in a message and touch the speak button and the device Text-to-speech voice setup on their tablet will speak aloud their message.

Messages can be quickly built by choosing options from the prediction strip or using pre-stored phrases, accessible from a categorised phrase bank.



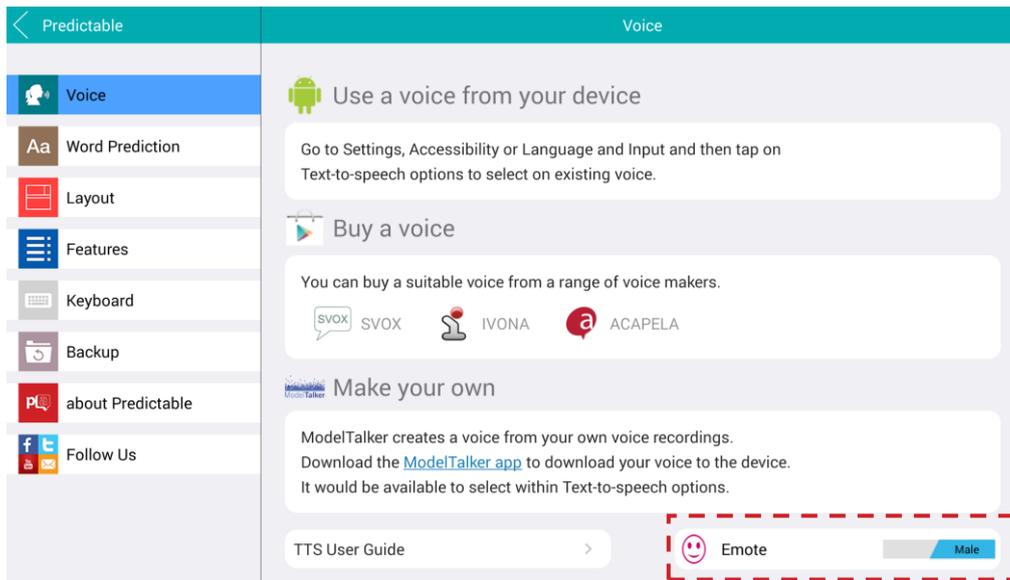
# Features

## Voice Output

You can speak out the words in the message window by tapping the speak button.

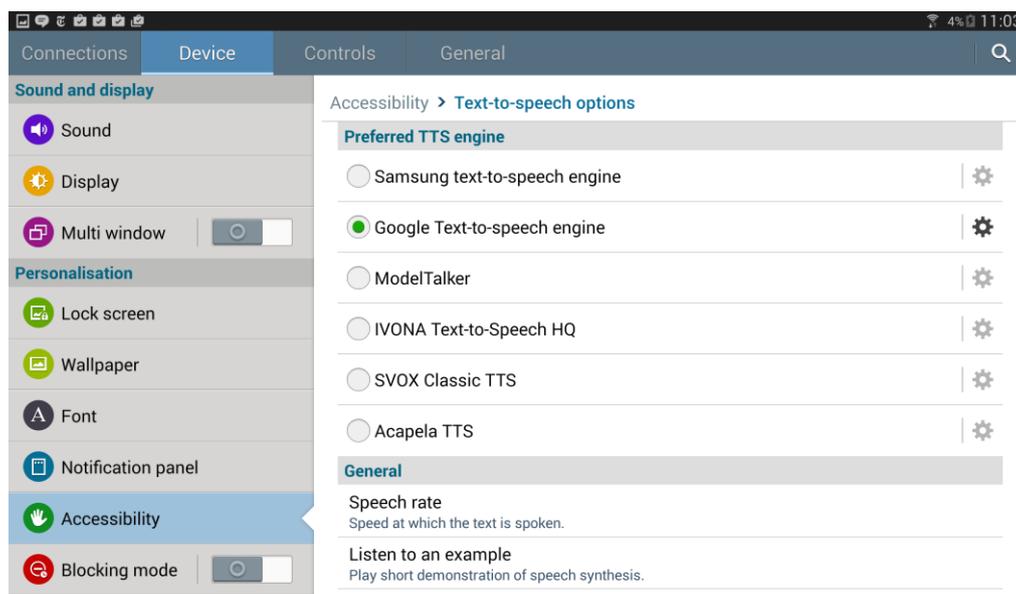


You can also speak out emotive sounds from the Emote menu. You can choose between male or female emotes by going in Settings > Voice.



## Android Text-to-speech

The voice is not part of the app, but part of your device. You can change your device voice by going on the Accessibility settings of your device and select the voice of your choice in text-to-speech setting. The location of this setting differs across Android versions but you will often have search functionality in your settings to help you find it.



By default you will be able to select the Google Text-to-speech or the Samsung one on Samsung devices. If you cannot see the Google Text-to-speech option, please download the Google Text-to-speech app on the [Play Store](#).

Other voices or languages can also be downloaded from the Google Play Store with the following apps:

- [SVOX TTS](#)
- [Acapela TTS](#)
- [IVONA TTS](#)

If you have downloaded any of those apps, you will see them listed in your Text-to-speech setting. For each of those you will be able to personalise the rate and select the language of your choice.

## ModelTalker

ModelTalker is an engine for creating voices, which combines a patient's natural voice with the ModelTalker Text-to-Speech system. The result is a synthesized voice similar to what a person might sound like if he or she weren't limited by speech disorders.

To use ModelTalker with Predictable you will have to first register on [ModelTalker website](#) and follow their instruction to create a voice. This is a free service and only requires a bit of your time for the voice creation. For more information, please visit [www.modeltalker.org/build-your-voice](http://www.modeltalker.org/build-your-voice).

You will then need to install the ModelTalker app to be able to select ModelTalker as your default Text-to-speech voice in your device settings.

For more information on how to setup your Text-to-speech voice and how to install ModelTalker, please check our [Android Text-to-speech User Guide](#).

## Word Prediction

Predictable includes a sophisticated word prediction. The initial prediction is based on letters typed into the message window. Then, the prediction engine works on the next word prediction based on context and grammar. The display brings up to 6 predictions on screen.



## Keyboard and Message Window

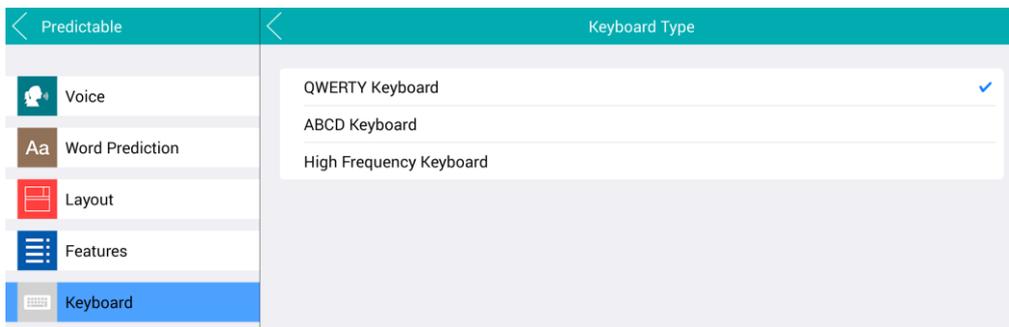
The Predictable keyboard was designed to be easy to use by people with disabilities. You can use it in association with the word prediction: start to tap the text you want to display in the message window and if the word you want to enter is showing on the word prediction, simply tap on the box containing it.

Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	⌫
⬆	Z	X	C	V	B	N	M	⬅	
123	⚙️	Space		📄	💖	🔔			

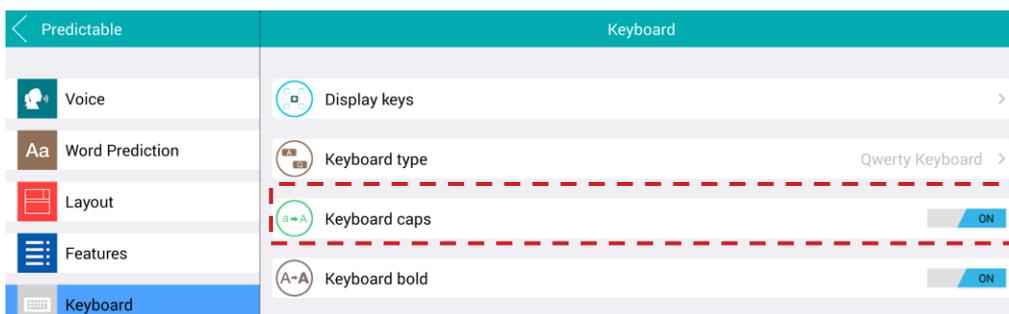
To delete text from the message window you can tap the back key from the keyboard or select one of the three options from the delete menu: delete letter, delete word and delete all.



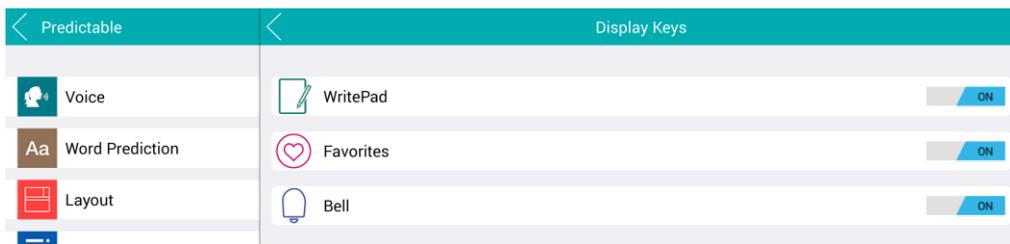
By default a QWERTY keyboard is displayed on the screen, but you can select an ABC keyboard (letters in alphabetic order) or a High Frequency keyboard (letter in frequency order) by going in Settings > Keyboard > Keyboard Type.



From the keyboard setting you can also choose to display the keyboard characters in capital or lower case and in bold or regular font.

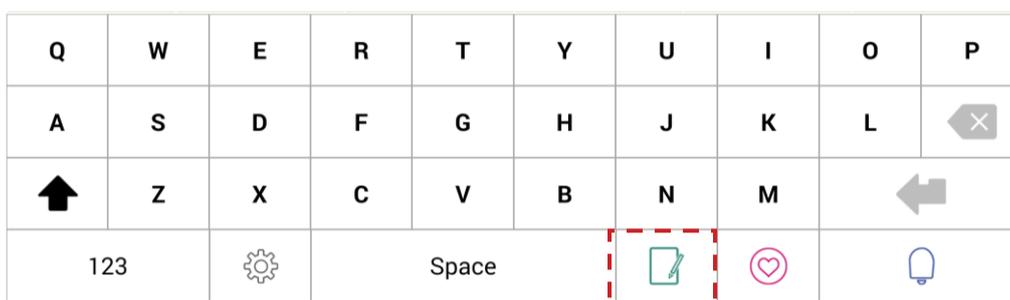


Predictable Keyboard also gives you access to three important app features: the WritePad, your favourites phrases, the bell Alert. You can decide to hide one or more of those options in Settings > Keyboard > Display Keys.

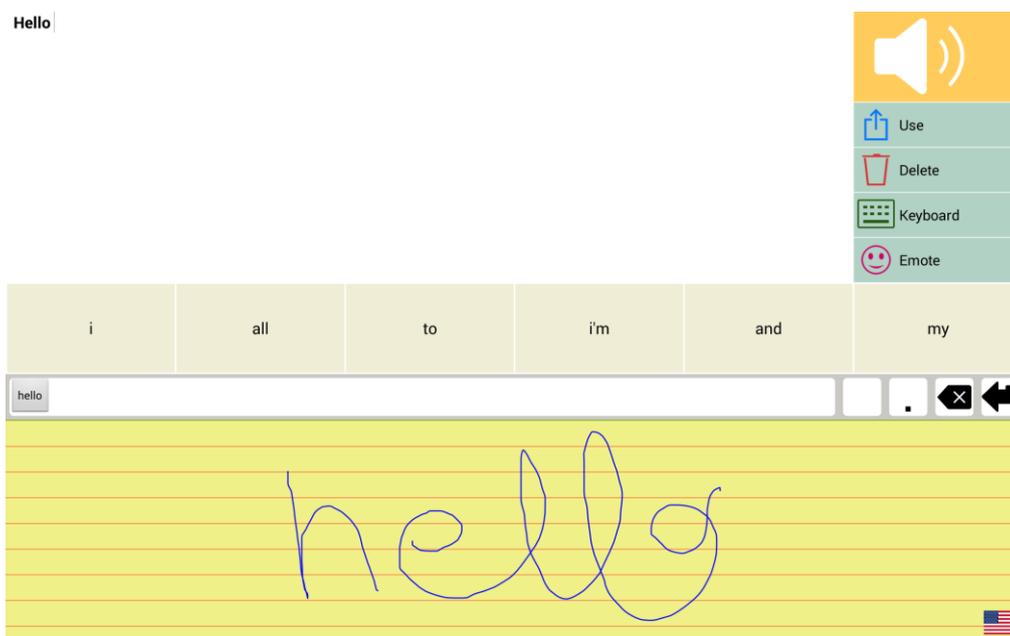


## WritePad

The option of using handwriting input is also possible. You can write a letter or word and select it to go in the message window. To access this input method, tap the WritePad icon located in the last row of your keyboard:

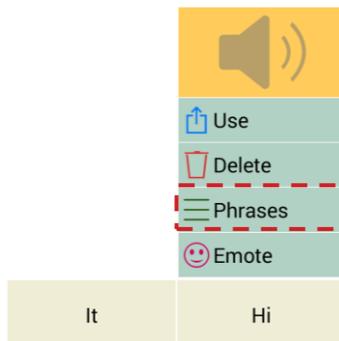


First write the letter/s. Then check that the note pad is accurately recognising it by looking at the small window directly above the note pad. If it is correct, choose the enter key to select it. To erase the writing choose the back arrow key. To return to the keyboard, select the keyboard key from the keys below the speak button.



## Phrases

You can find pre-stored phrases organised by categories by tapping the Phrases button.



This page replaces the onscreen keyboard and organises users' phrases into quick access categories. The app comes with some suggested categories, but can be easily edited to suit the individual. Each phrase can have an image attached to it to support locating a phrase. Editing is completed with a simple on screen editor allowing you to customise phrases quickly.



### Add/Edit a Category

To add category, go into phrases and select the green + icon.

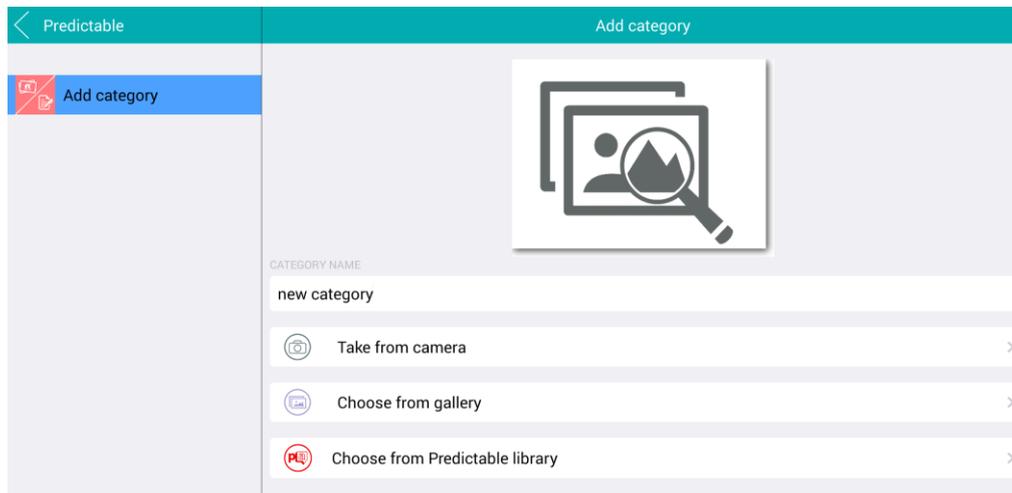


To edit a category tap on the edit icon in the bottom bar and select the category you want to edit.

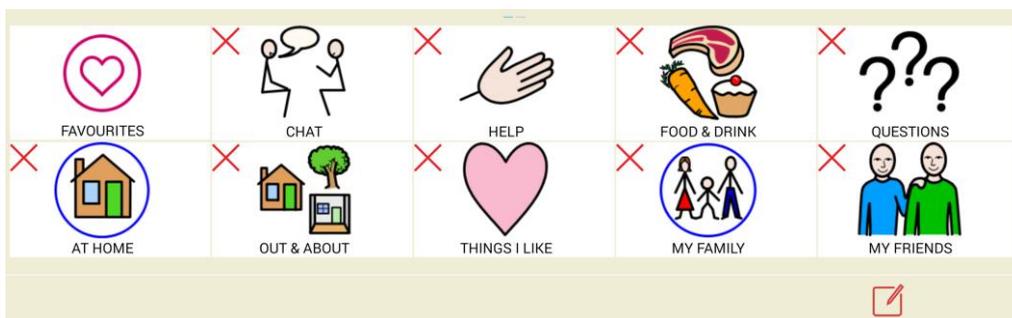


A new page will appear on your screen with different options available for your category:

1. Start by adding/editing the name of your category
2. Then add/edit your category's image. You can take an image directly from your device's camera, select a pre-existing picture on your device from your gallery or select an image from the Predictable Library.
3. To save the new/edited category tap the back Predictable button and confirm in the popup window that you want to save this category.



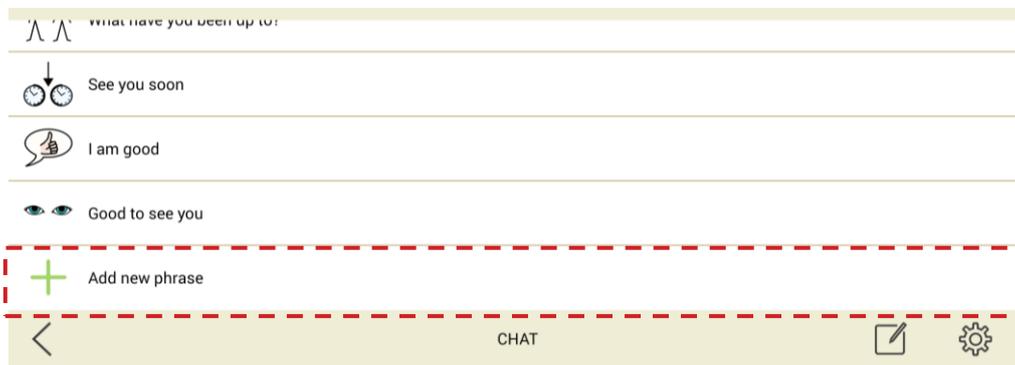
To delete an existing category, tap on the edit button on the bottom bar and tap the red cross icon of the category you wish to delete.



### Add/Edit a Phrase

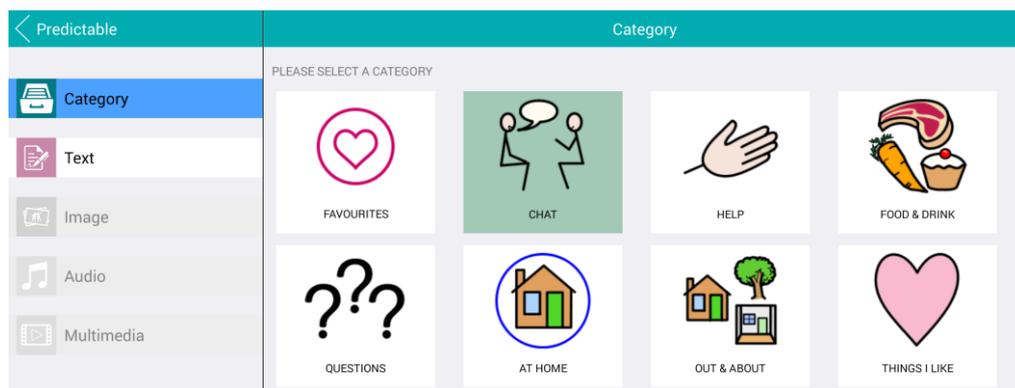
Phrases can be added by tapping "Add New Phrase" from one of the phrase bank list. To add the phrase you just wrote in the message window, tap the "Add Phrase" option from the "Use" menu.



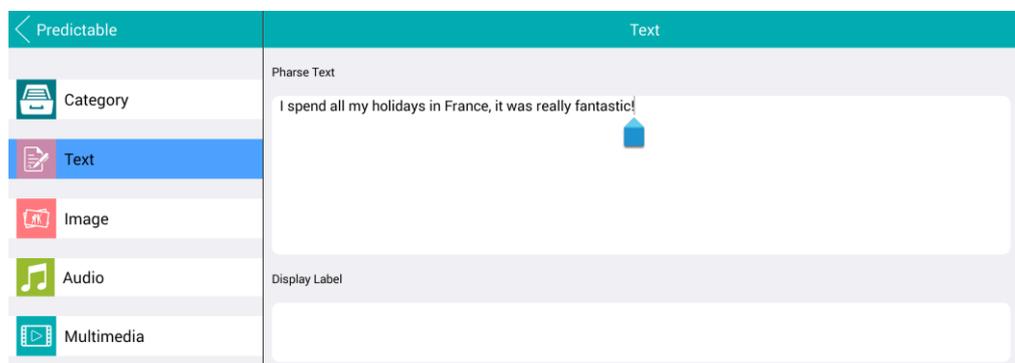


As for the categories, a new page will open on which you can customise your new phrase.

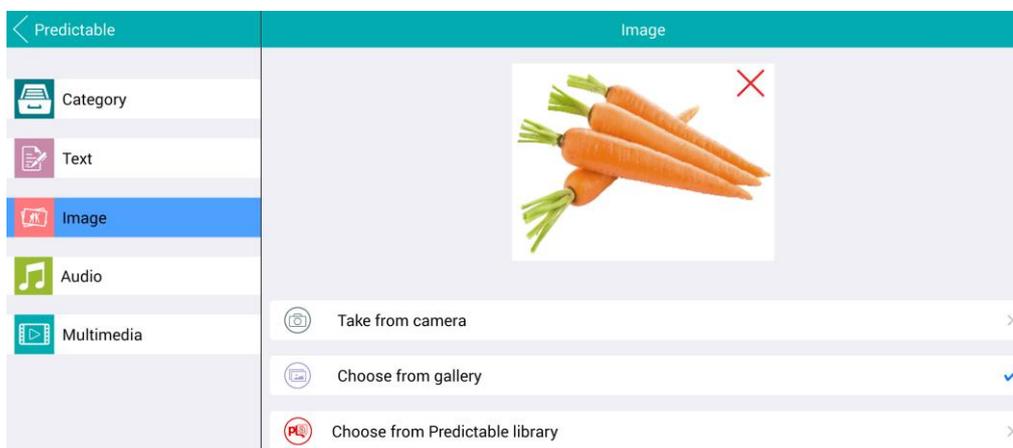
- **Category** (mandatory): select the category to which you would like to save your phrase.



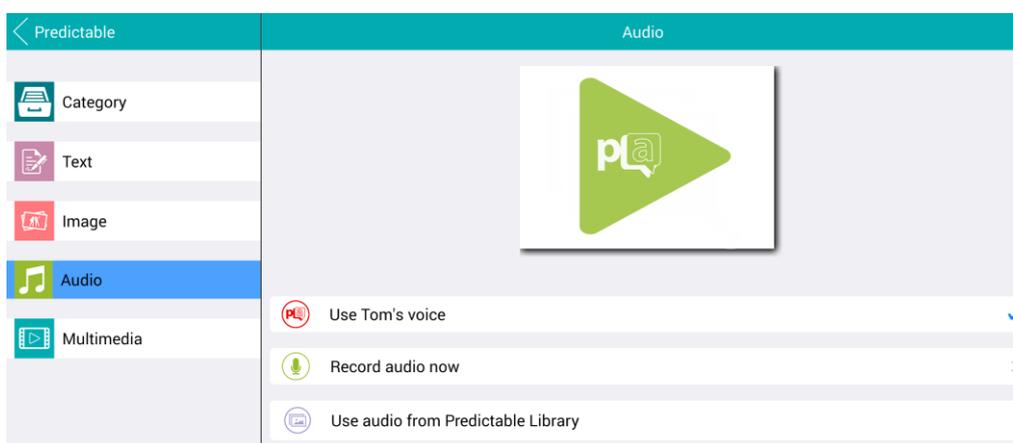
- **Text** (mandatory): enter your sentence in the Phrase Text field. You can also give a short title to long phrases or paragraphs in the Display Label field (e.g. “Summer Holidays” for a long text about your holidays). The Display Label is optional.



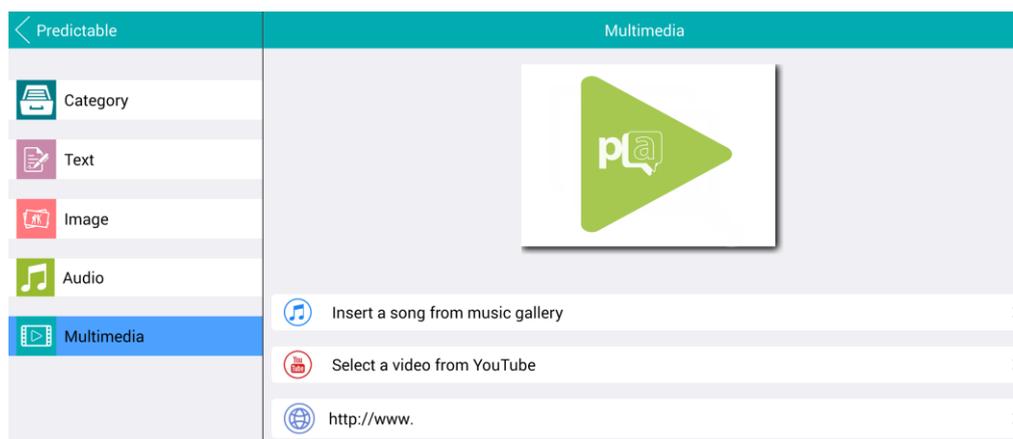
- **Image** (optional): each phrase can have an image attached to it to make it easier to locate on screen. You can take an image directly from your device’s camera, select a pre-existing picture on your device from your gallery or select an image from the Predictable Library.



- **Audio** (optional): by default your phrase will be read by the voice you set up in Predictable settings, but you can choose to record a specific audio for your phrase by tapping Record Audio Now. Alternatively, you can choose an audio from the Predictable Library.



- **Multimedia** (optional): you have the option to add multimedia that will play after your phrase audio. You can choose a song from your music gallery, a video from YouTube, or a website.



To add/edit your phrase simply tap the back Predictable button and confirm in the popup window that you want to save this new phrase.

To delete an existing phrase, tap on the edit button on the bottom bar and tap the red cross icon on the phrase you wish to delete.

	Coffee with milk please	✗
	A cup of tea please	✗
	Can I have a glass of water please	✗
	I'm hungry	✗
FOOD & DRINK		

## Copy/Paste

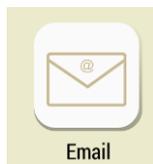
Users have the option to copy and paste text from inside to outside the app or vice versa. You can find this feature in the “Use” quick key menu.



## Email

Any messages created with Predictable can be sent as an email directly from the app. This functionality requires the Android Device to have internet access, either through 3G/4G or through Wi-Fi. Please note you cannot receive emails into Predictable.

After typing in your message window the content of the email, tap the Email option from the Use menu.



## Social Media Integration

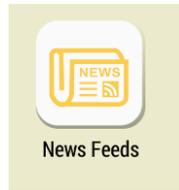
You can update your Facebook status or send a tweet directly from Predictable with text you typed in the message window. This functionality requires that the Android Device has internet access, either through 3G/4G or through Wi-Fi. If you are not already connected to your Facebook/Twitter account you will need to sign in through your device settings.

After typing the status you wish to post into your message window, tap the Facebook or Twitter option from the Use menu.

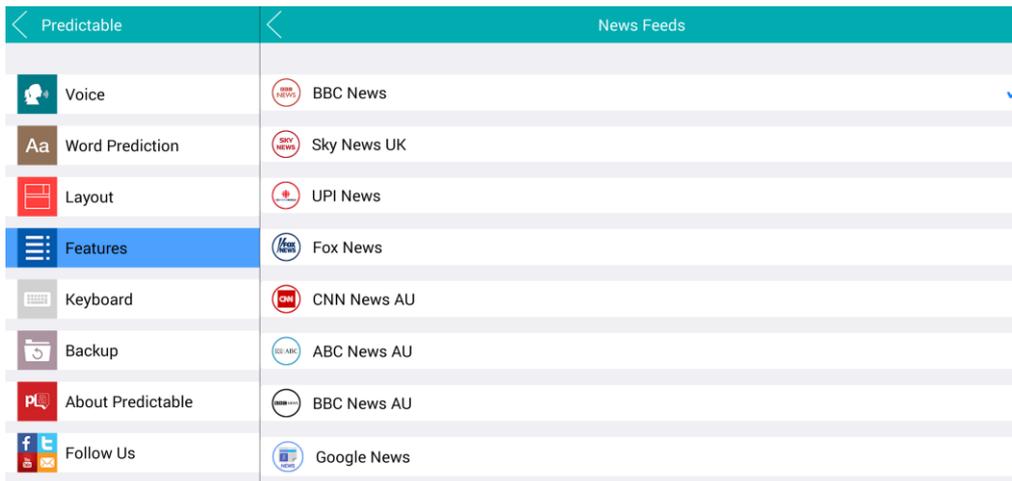


## News Feeds

News Feeds allows you to browse breaking news within the Predictable app. The news will display like the phrases. You have the ability to send the headline to the message by tapping it, to have the headline read aloud by tapping the small speak icon or to read the news item in more detail by tapping the book icon. You can find this feature in the “Use” quick key menu.



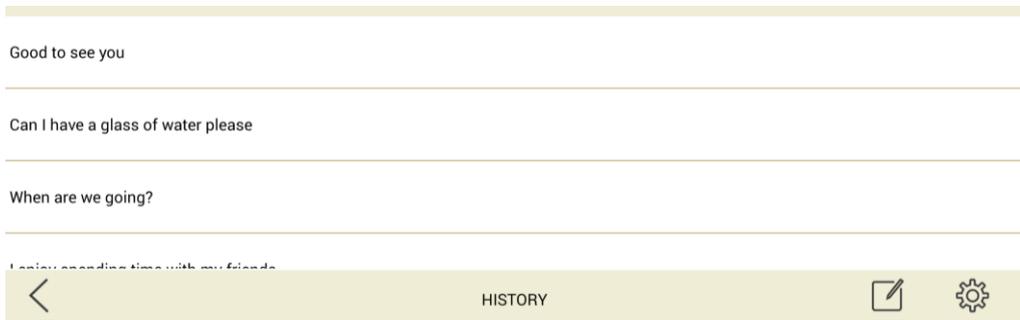
You can choose from 8 news channels with a choice of UK, US, Australian and Canadian channels in Settings > Features > News Feeds



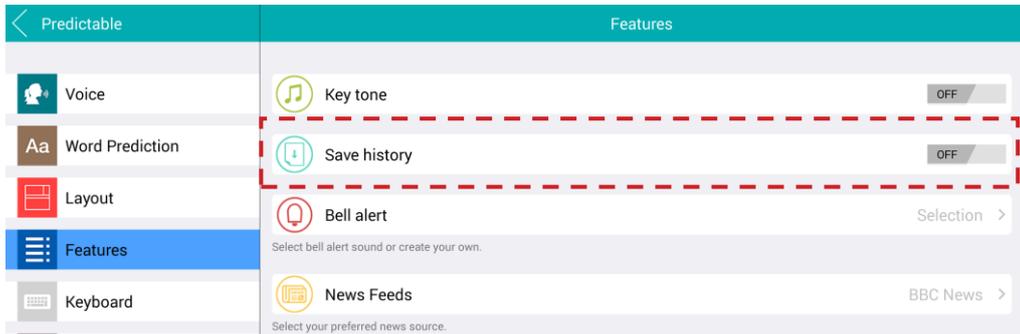
## History

This section provides quick access to the most recently spoken words or phrases. This can be accessed to repeat something you recently said. It can also be used by carers, teachers or therapists to help gauge how someone is using the application. You can find this feature in the “Use” quick key menu.





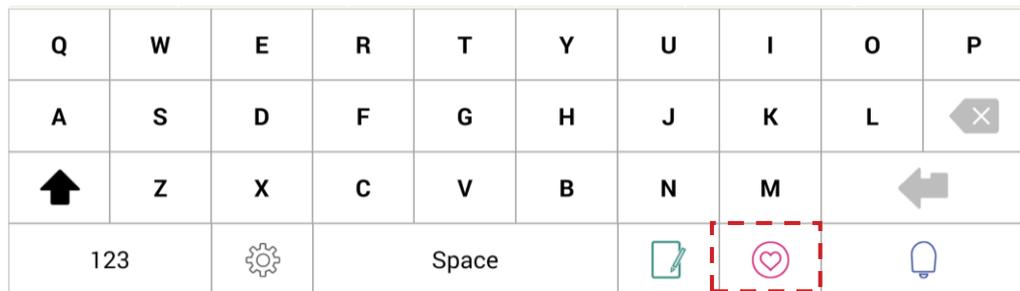
You can turn this off for privacy reasons by going in Settings > Features > Save History



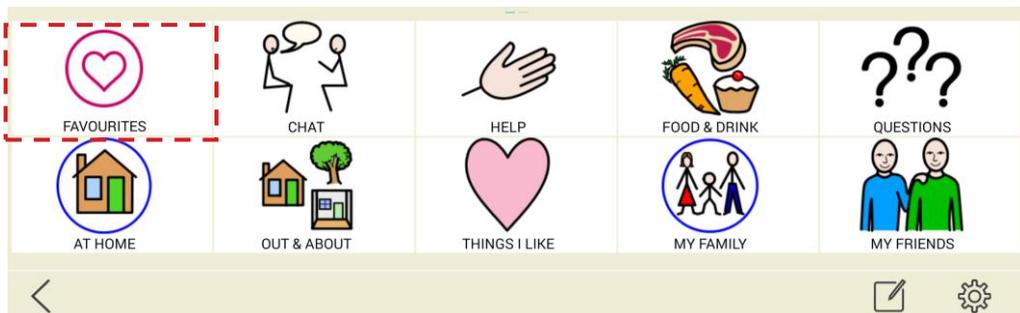
You can move a phrase from the history to an existing category by tapping the Edit button in the bottom bar and select the phrase you want to move. A new page will appear on your screen with different options available for your phrase, the same option than when you add a new phrase: category, text, image, audio and multimedia.

## Favourites

The Favourites option gives you a quick access to the phrases you speak most often. Favourite phrases can be accessed both from the keyboard...



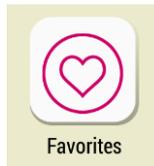
... and also from the phrase bank.



To save a new phrase in your Favourites folder, tap the Add New phrase button in the Favourites category.



To add a phrase you just wrote on the message window, tap the “Favourites” option from the “Use” menu.

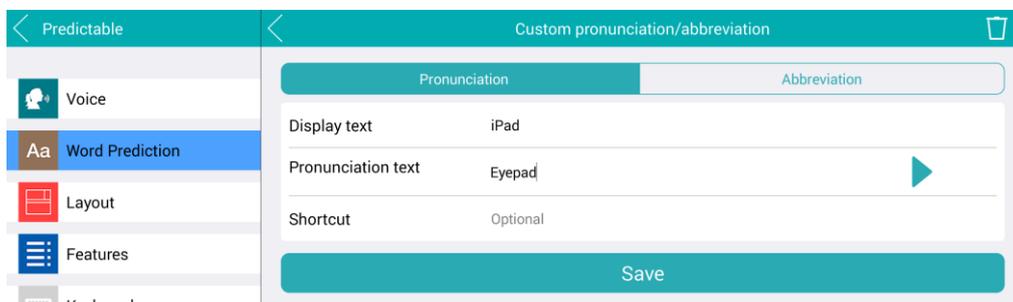


## Adjust pronunciation and Create Abbreviations/Expansions

### Custom Words Pronunciation

Sometimes new or existing words require pronunciation changes. This can be easily done by going in Settings > Word Prediction > Custom Words List > Pronunciation. Here you can add the word as it is spelled in the Display text field (e.g. “iPad”) and then spell it out phonetically in the Pronunciation text field (e.g. “eye pad”). Tap on the save button to add your custom pronunciation.

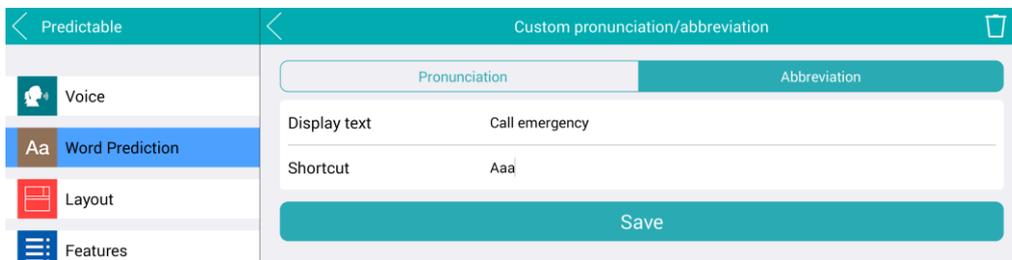
You can delete or edit the custom pronunciations you created at any time.



### Abbreviations/Expansions

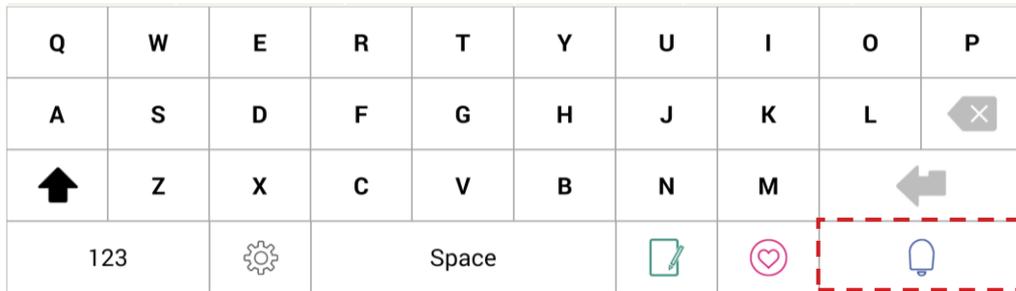
To create an abbreviation/expansion, tap on the “Abbreviation” tab from the same Custom Word List setting. Enter one or more words to display in the message window in the Display text field e.g. “My name is Tom”, and then enter the shortcut that will display the chosen text in the Shortcut field e.g. “Tom”. To use your abbreviation from the main screen, simply enter your shortcut from the keyboard and tap on the space bar: your display text will then appear in full in the message window.

You can delete or edit the abbreviations/expansions you created at any time.

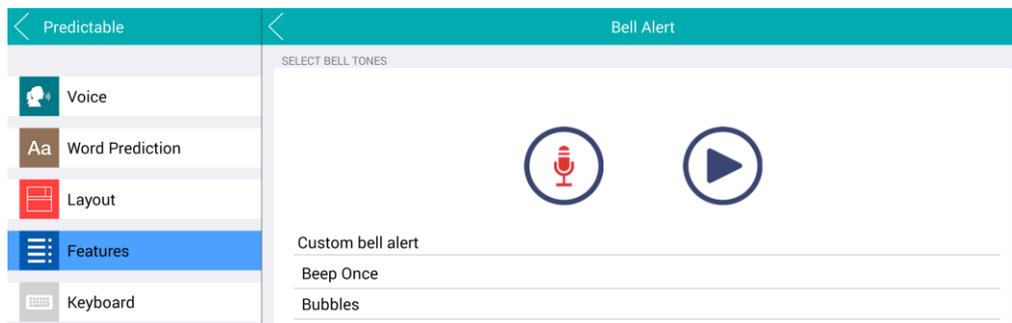


## Bell Alert

The Bell Alert allows you to catch up people’s attention and signal to them that you have something to say. It can be used, for example, if you are in a noisy environment or if you are in an emergency situation. The Bell alert is located on the bottom row of the keyboard.

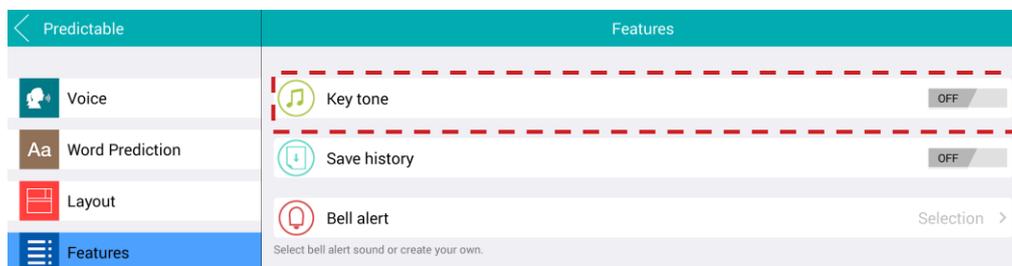


You can personalise the bell alert audio by going in Settings > Features > Bell Alert and selecting one of the tones from the list. From this setting you can also record your own tone by tapping “Custom bell alert”.



## Key tone

You will notice that a key tone is set up by default in the app. You can choose to turn this feature On/Off by going in Settings > Features > Key Tone.

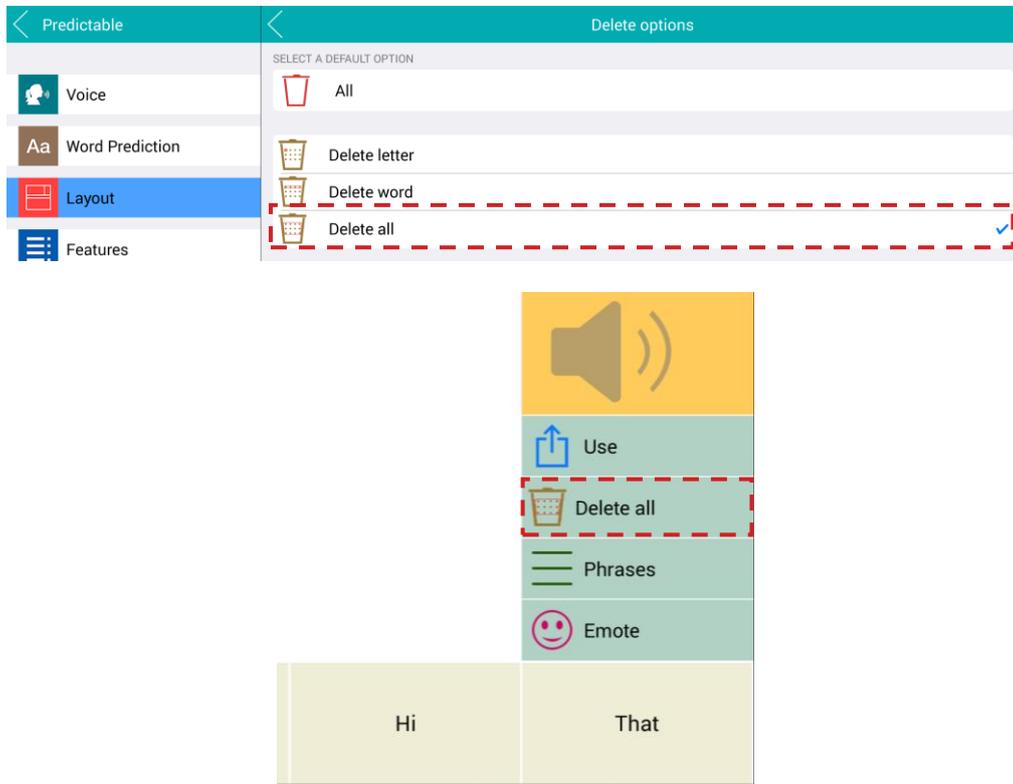


## Layout and Theme Customisation

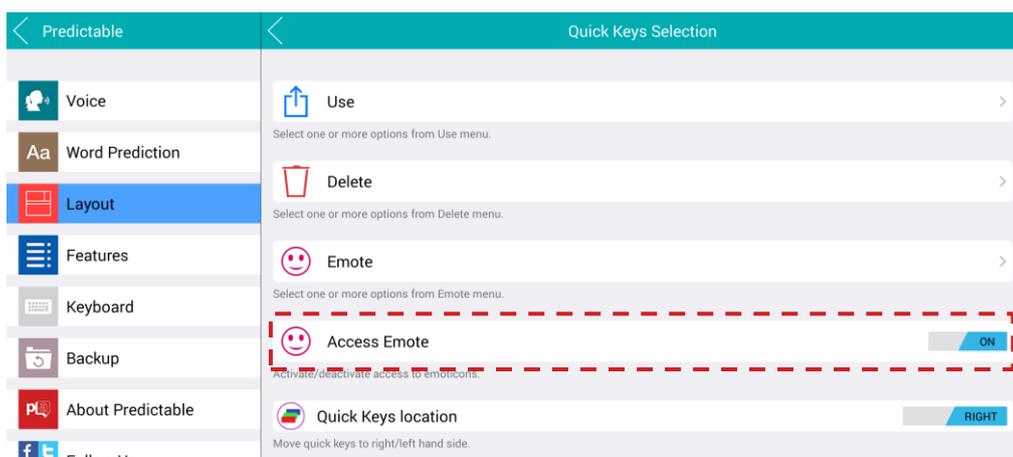
You can customise Predictable to suit your needs.

### Layout

Users can customize what appears in their Quick keys menu. Rather than displaying all of the options that Predictable provides appearing, you can refine the options so that only those you anticipate wanting to use will appear. Go into Settings > Layout > Quick key Selection, then select the options you wish in the Use, Delete and Emote menus.

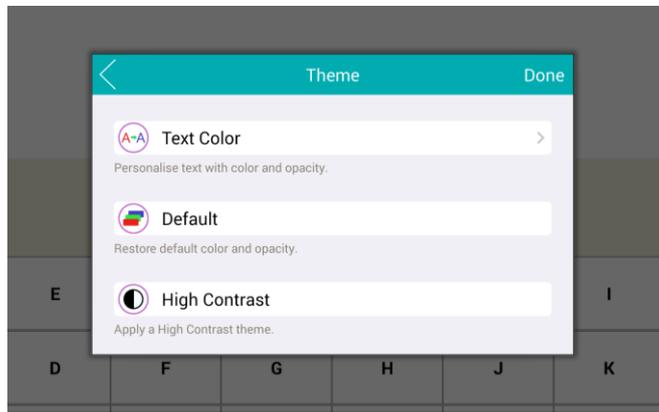


From the same setting (Quick Keys Selection), you can decide to turn On/Off the access to the emote menu. You can also move the Quick Keys menu to either the right or left side of the message window.

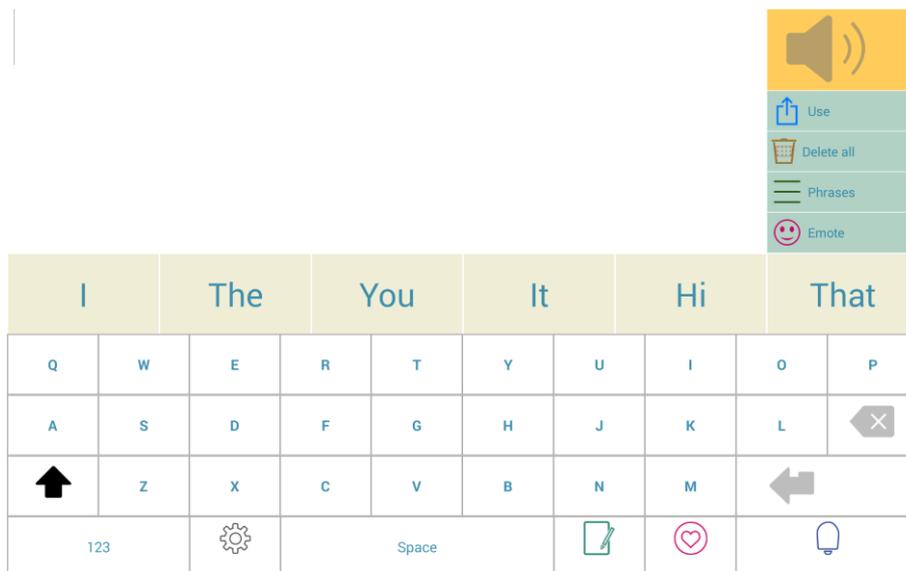


### Theme

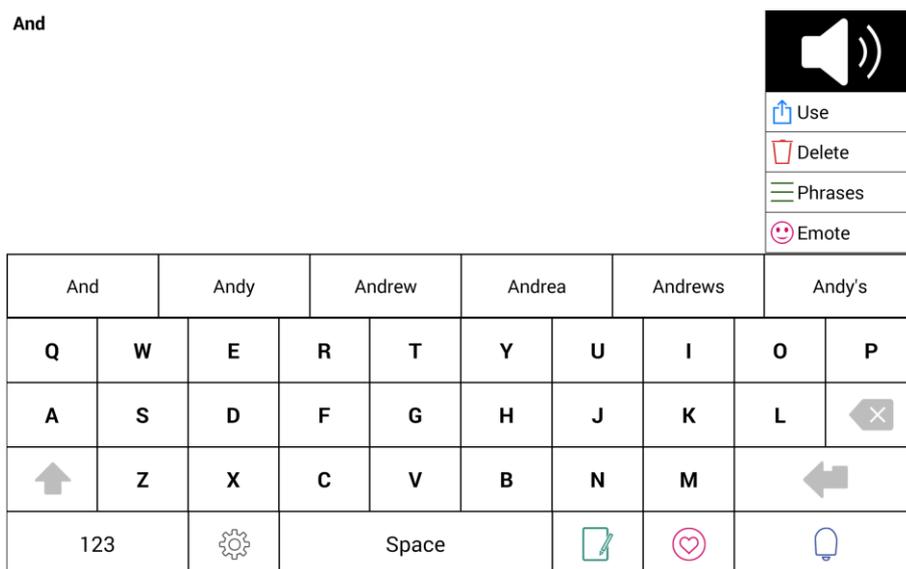
Predictable also allows you to personalize the app display to suit your preference by going to Settings > Layout > Theme. A window will appear with different customisation options:



**Text Colour:** this option allows you to change the increase/decrease the font size of the message window and word prediction's texts. You can also personalise the font colours and opacity.



**High Contrast:** for people with visual impairment, this option recolors the app (excluding the settings) to black and white for a high contrast display.



**Default:** will restore the default app theme.

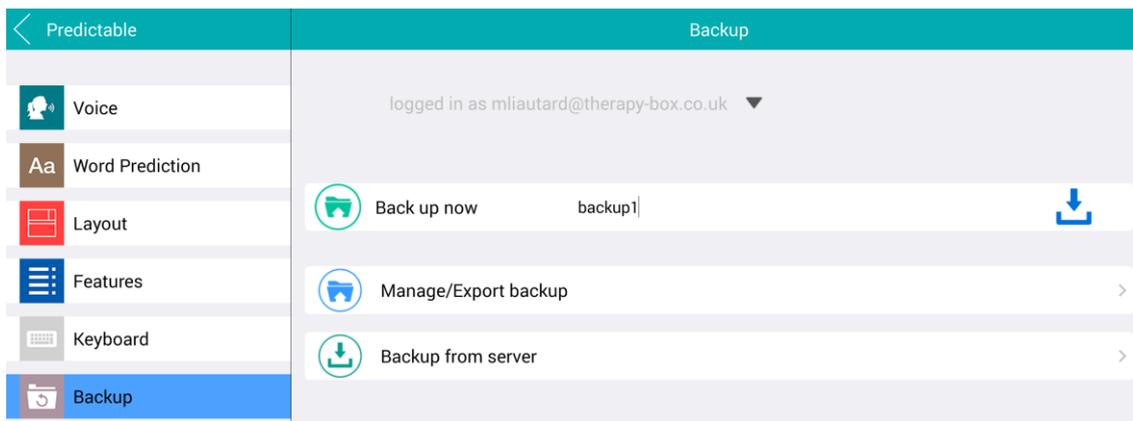
## Backup

In case your device becomes damaged, stops working, or is stolen, you can back up all of the information stored in your Predictable app. To use the backup functionality please go in Settings > Backup.

### Create a Backup

In the “Back up now” field enter the name of you want to give to your backup file, i.e.: “Melanie’s backup”, and tap on the blue saving icon appearing on the same field. You will then have a confirmation that your backup was successfully saved in the app.

NB: the special character “/” is not allowed in your backup name.



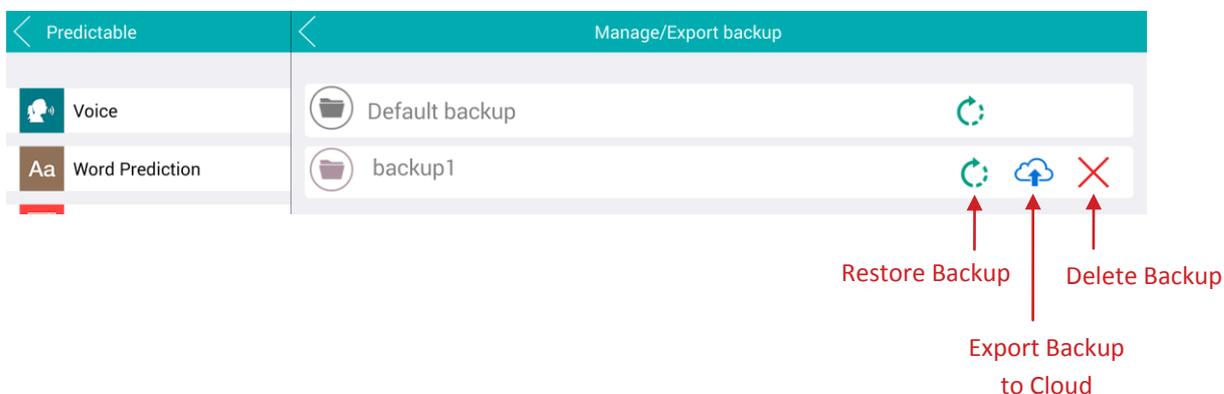
### Manage/Export backup

Once you have created your backup, it will be stored in Predictable. In “Manage/Export backup” you will be able to restore, delete or export your backup to your Therapy Box cloud account at any time. No internet connection is required to create your backup. There is **no** internet connection required to restore or delete your backup.

NB: your device will need internet connectivity to use the export functionality.

Exporting your backup file to your Therapy Box cloud account, will allow you to:

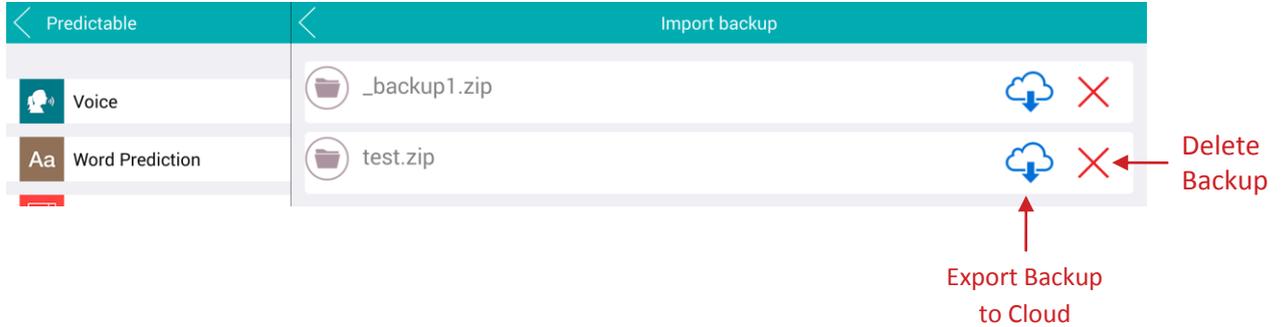
- Save your backup in a secure location
- Access all your backup files from the [therapy box cloud](#) and download them on your computer.
- Easily import your backups on any tablet on which Predictable is installed.



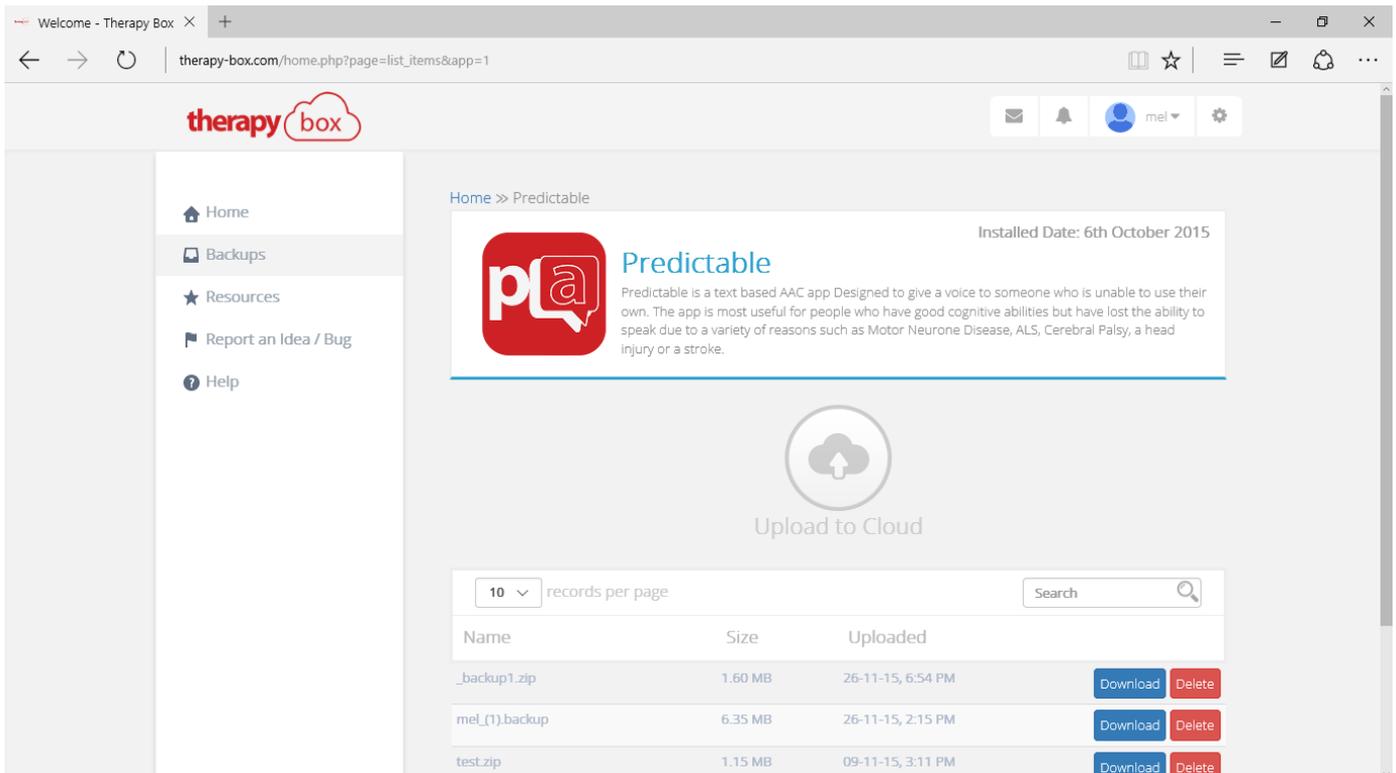
## Backup from server

“Backup from server” allows you to access backups saved onto your account from any Predictable app. To import into Predictable a backup which is saved onto your cloud account, simply tap the blue import icon in front of the name of the backup you want to import. To delete it from your cloud account, tap on the Red Cross.

NB: your device will need internet connectivity to use this functionality.



If you previously saved your Predictable backup file on your computer or on your Dropbox account, we advise you to copy this file in your Therapy Box Cloud account. To proceed please visit <http://www.therapy-box.com> , login with the credentials you created in the app and tap the “Upload to Cloud” button in the Predictable section.



## About Therapy Box

### Contact Us

If you require any app related assistance, please email [support@therapy-box.co.uk](mailto:support@therapy-box.co.uk)

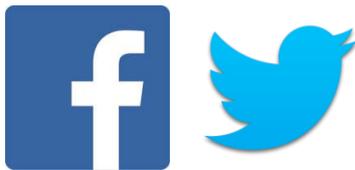
If you require any app related information, please email [info@therapy-box.co.uk](mailto:info@therapy-box.co.uk)

Website: [www.therapy-box.co.uk](http://www.therapy-box.co.uk)

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(England and Wales)

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