NAMESAYER USER MANUAL

By Isabelle Beaumont and Guangya Zhu

1   TABLE OF CONTENTS

2 FIRST TIME LAUNCH

Thank you for choosing NameSayer as your name pronunciation practice software. Please note before launch that this application can only run on Linux/UNIX operating systems. It also requires the use of the ffmpeg library version 3.4.4 which can be easily installed for free using the terminal commands:

```
1. sudo add-apt-repository ppa:jonathonf/ffmpeg-3

2. sudo add-apt-repository ppa:jonathonf/tesseract

3. sudo apt update

4. sudo apt upgrade
```

The explanation of these commands can be found at the following link:

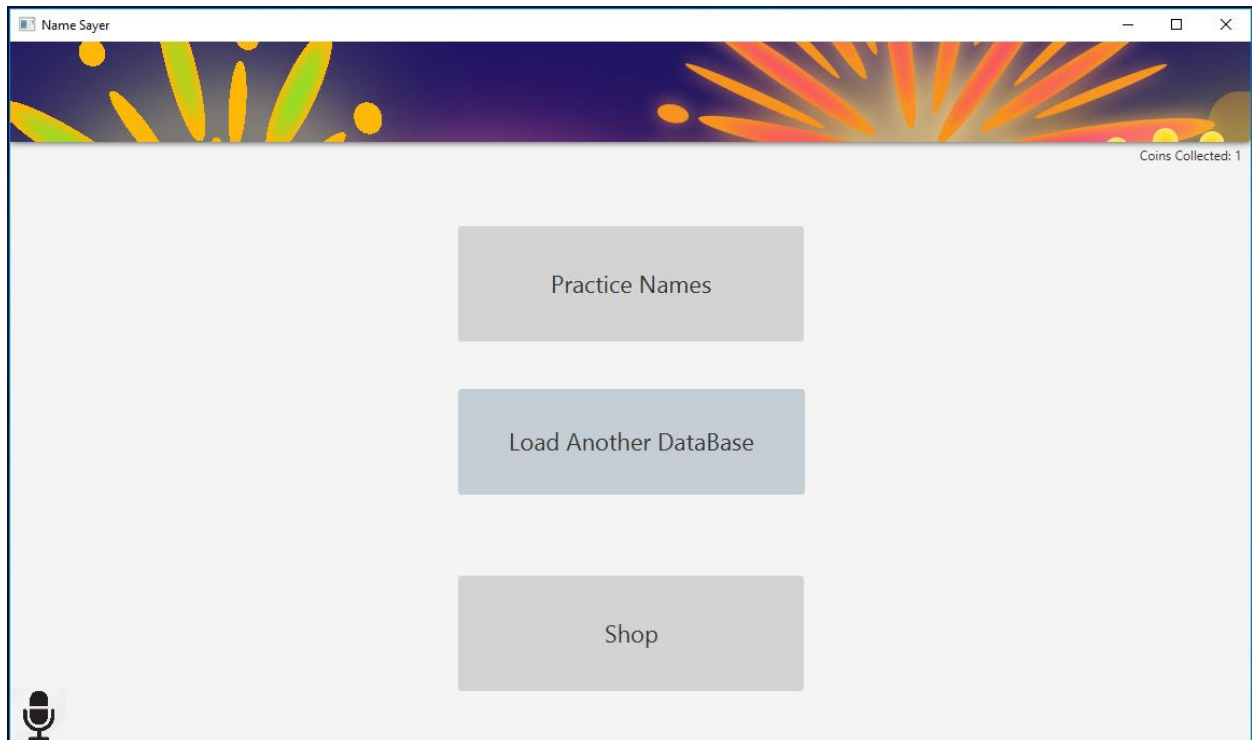http://ubuntuhandbook.org/index.php/2017/10/ffmpeg-3-4-released-install-ubuntu-16-04/

For more information about this library visit the following link:

https://www.ffmpeg.org/

As well as this, you should ensure you have some type of media playback installed on your machine that allows you to listen to .wav files.

Upon first launch you should see a folder labelled NameSayer appear. Within this folder you will see the database folder which contains all the names from the database and the recordings folder which contain all your personal recordings and name creations.
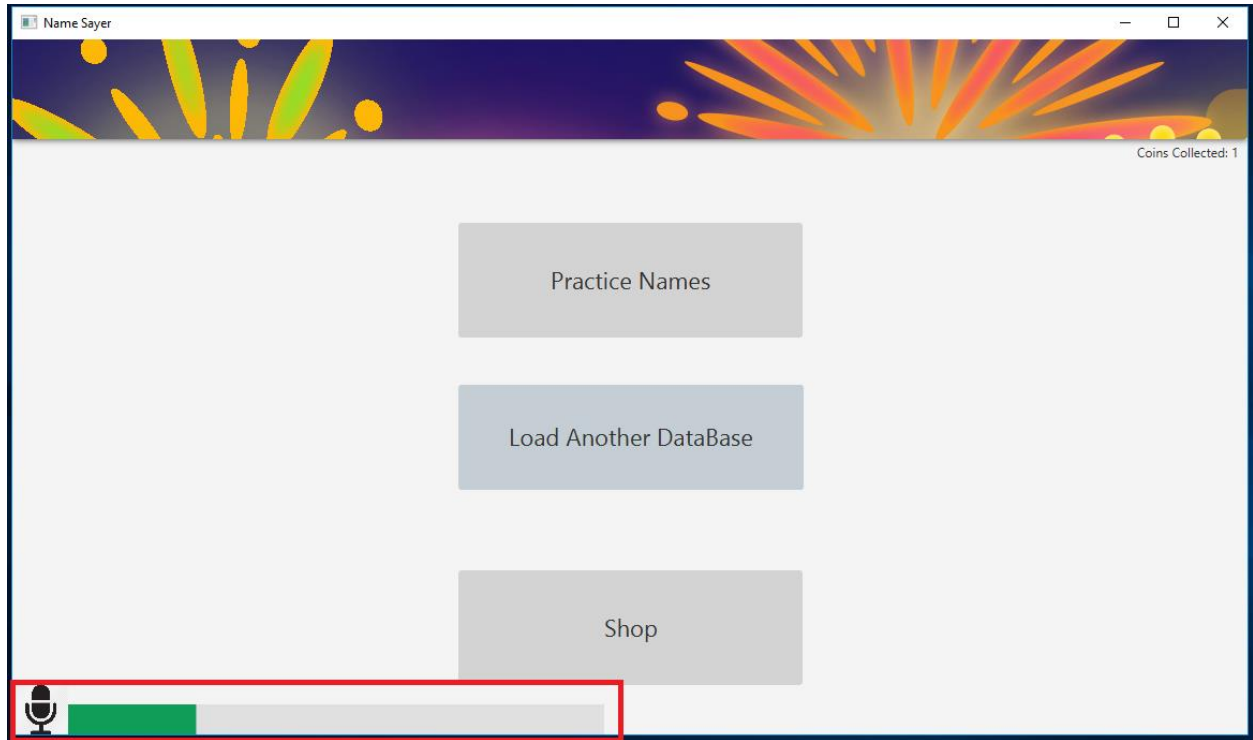
3 MAIN MENU SCREEN

Figure 1: Main menu screen

The first screen you will see in the NameSayer application is the main menu screen (pictured above in figure 1). There are three main buttons that each take you to a different part of NameSayer:

- Practice names: This is where you will spend most of your time in NameSayer. Here you can listen, record and practice your chosen names in the database.
- Load another database: Here you can choose to load another database if you wish to add more names to your NameSayer.
- Shop: As you practice more names in NameSayer you will collect coins. You can spend these coins in the shop to get different backgrounds for your application. Each at a different cost.

There are two more features to note in the main menu screen:

- The coins collected icon in the top right of the screen : This will tell you how many coins you have earned while using NameSayer.
- The microphone button in the bottom left of the screen (shown in figure 2): Upon clicking this button a bar will appear that will test your microphone levels.

Figure 2: Microphone test

4   PRACTICE NAMES

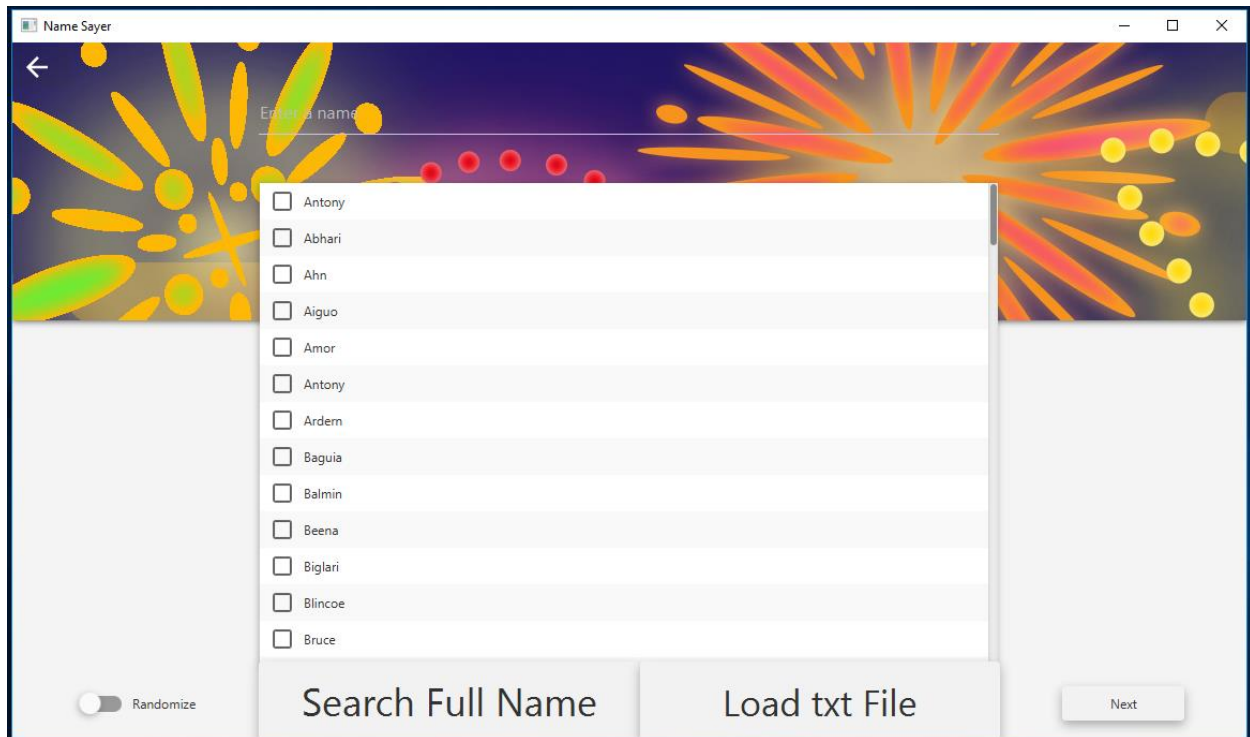There are a series of steps you must follow before being able to practice/record your chosen name/s.

Figure 3: Choose your name screen

1. Choose your names (shown in figure 3): Here we have the screen where you can choose the names you want to practice. In the centre of the screen you will see a list of all the names you can add to practice that are stored in the database. Listed below are the three ways you can add a name:
   - Choose from the list: If you want to choose single names that are already in the database for practice then select the names you want by checking one or more boxes next to the chosen name/s (seen in figure 4).
   - Add a full name: If you want to add a full name (first name plus surname) as one concatenated recording click the search full name button. This will take you to a pop-up window where you can enter a name in the first name section and a name in the surname section (see figure 5). If the names you enter are valid your concatenated name will appear on the list of names. If one or both the names you have entered are not valid then an error message will show.
   - Add a list of full names: If you want to enter a list of names in the database (e.g. Mary Jo and Ardern would be Mary-Jo Ardern) then you must write this name in a .txt file to upload (see figure 6). Click the load txt file button and you will be able to choose a .txt file from your computer. The names will be added to the list.
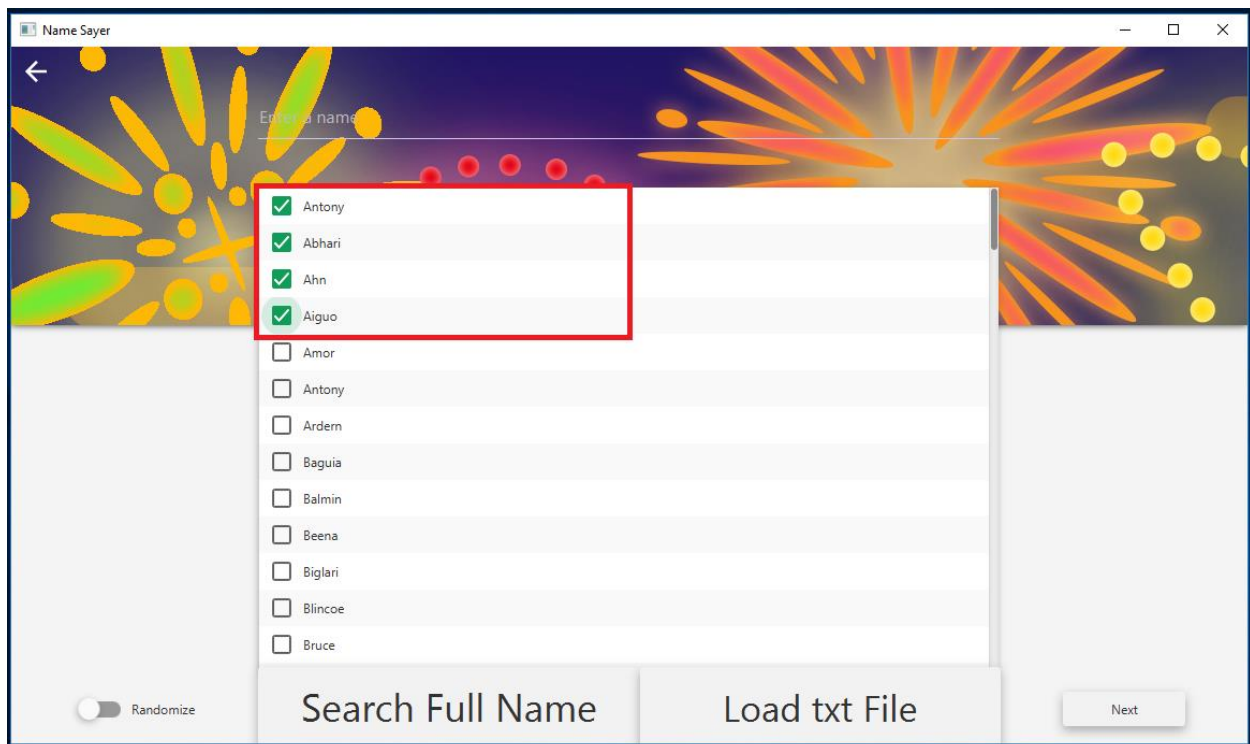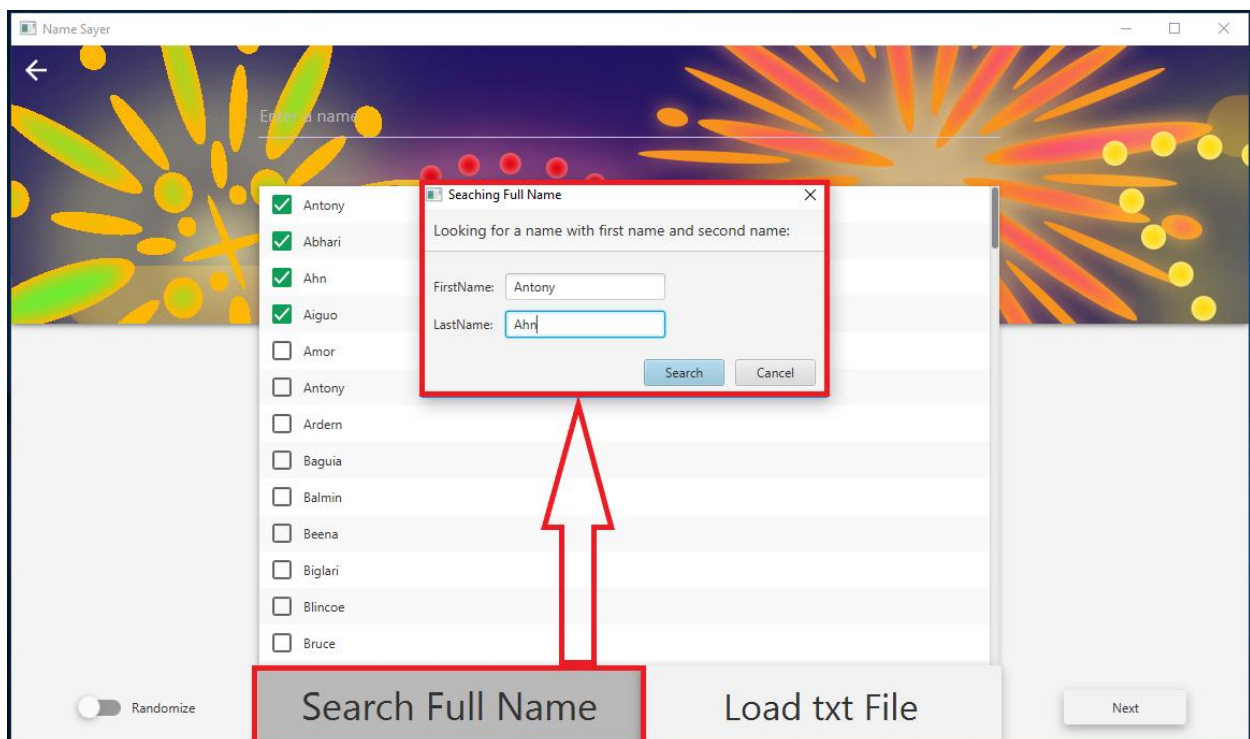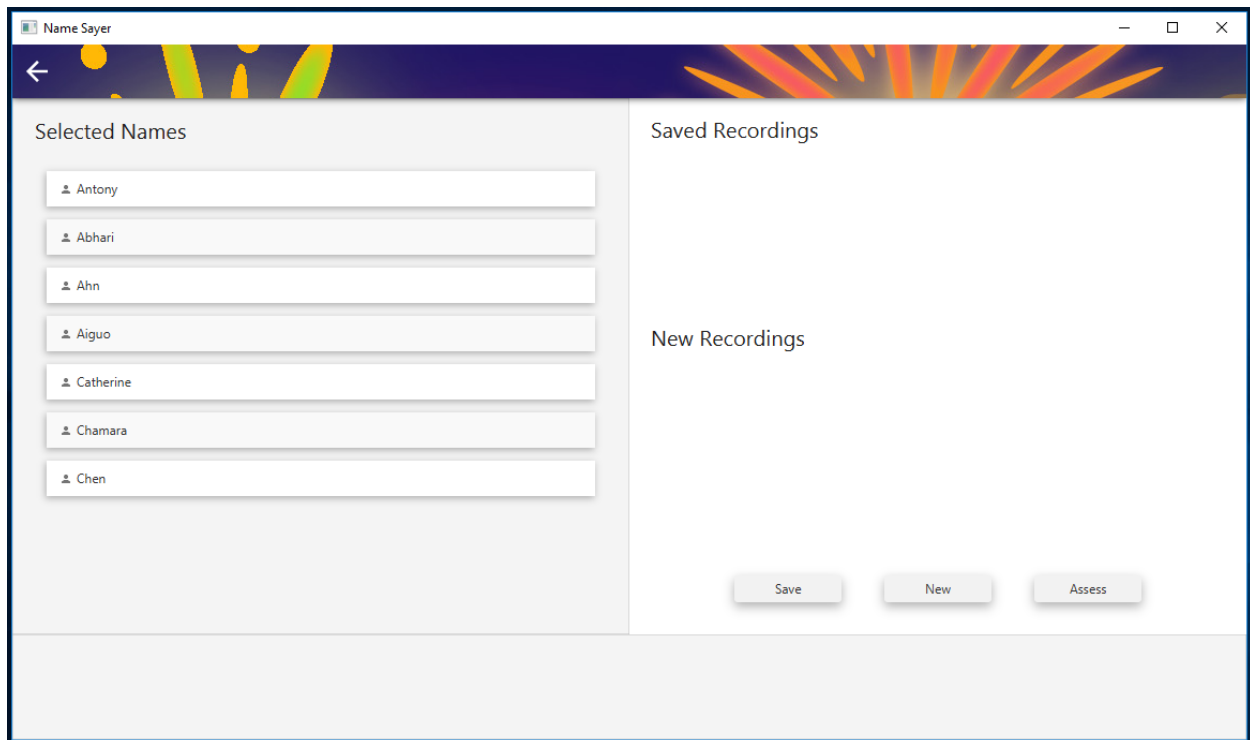
Figure 4: Choose names from list

Figure 5: Search full name

You can also search for a name in the database in the search bar above the list.

2. Once you have chosen all the names you want to practice you can move to the practice screen. Before moving on you can choose to randomize your chosen names by clicking the Randomize slider in the bottom left corner of the screen. To move on you must select the Next button in the bottom right corner of the screen. Once you have done this you will be taken to the practice screen (seen in figure 7) where you can play all your chosen names as well as make your own recordings of each name.

Figure 7: Practice screen

5 PLAYING YOUR CHOSEN NAMES

To play your chosen name first double click on which name you would like to practice. A list of all the recordings made under that name will appear in a list on the right side of the screen (see figure 8). Next double click on the recording you would like to listen to. A play button and rating will appear on the bottom of the screen (see figure 9). To play, simply press the green circle with the black arrow inside. To change the rating of the recording click how many stars you would like to rate and this rating will be saved for the next time you listen to that recording.
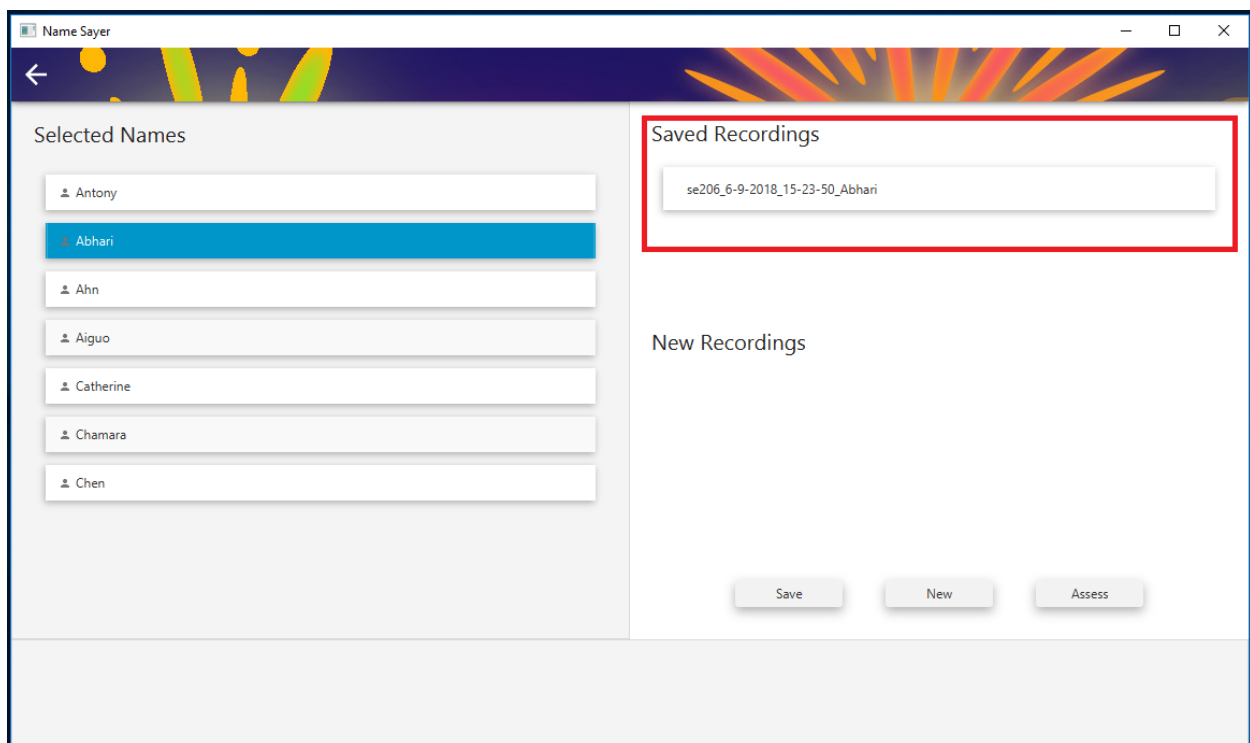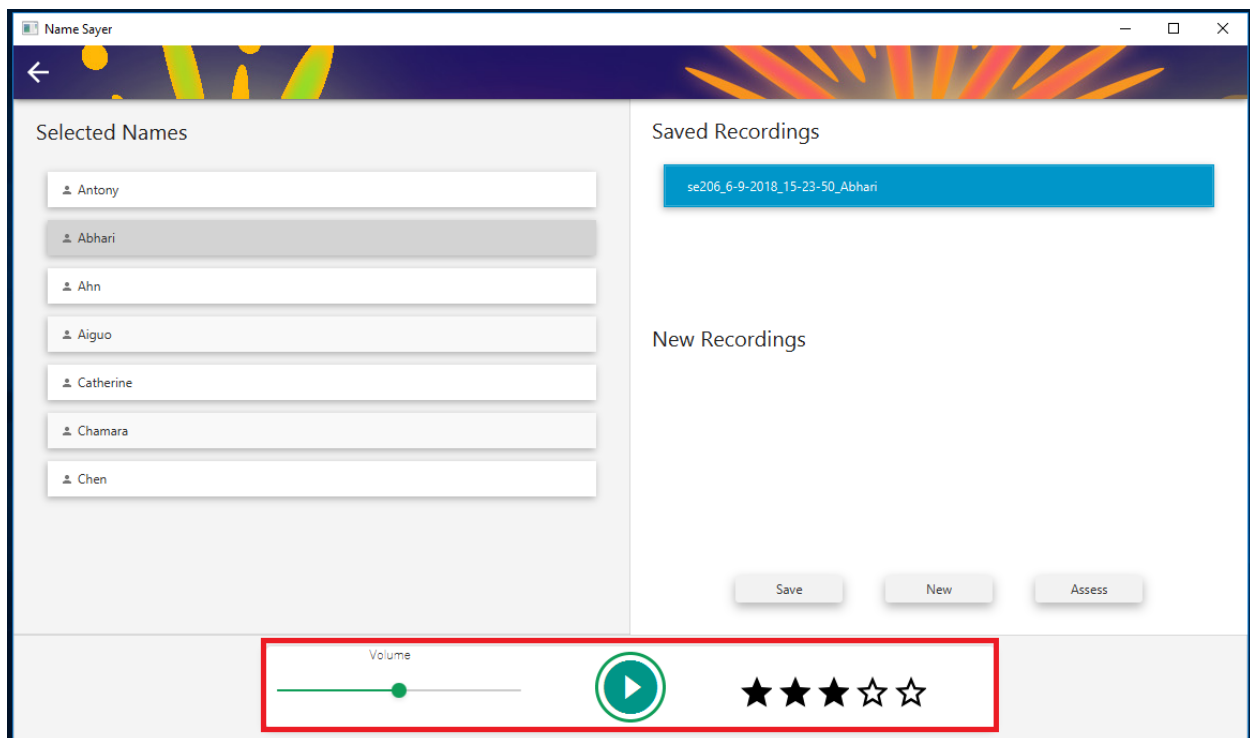

Figure 8: List of recordings

Figure 9: Play/rate your name

6   RECORDING A NAME

To record a name simply press the new button on the right side of the screen. You will see a green microphone appear at the bottom of the screen (see figure 10). To record, press this button and the green circle will progressively fill up, indicating that you are recording. Once the circle is full the recording will stop. Your recording will appear in the new recordings section where you can assess your recording and decide if you want to save it or not. To save, press the save button and your new recording will appear in the saved recordings section. If you do not want to save your recording, hover over the recording you don't want, and a small rubbish bin should appear to the right of the recording.

PLEASE NOTE: If you do not press save before exiting the screen then your temporary recordings will automatically be deleted.
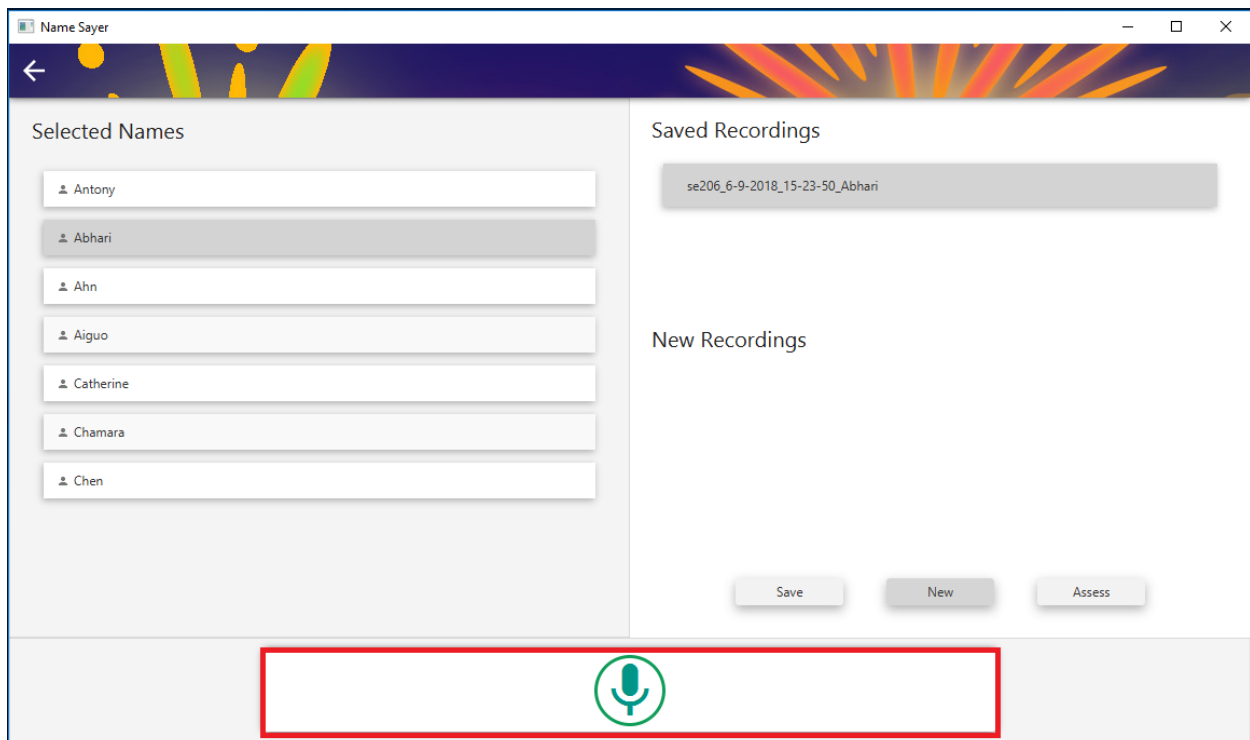

Figure 10: Record

7 LOAD ANOTHER DATABASE

If you wish to add another database of names then click the 'load another database' button. You will be taken to your computer directory where you will be prompted to choose a folder containing the names you want to add (see figure 11). Once you have selected the folder these names will be added to the application database list.

PLEASE NOTE: Only choose a folder that contains .wav audio files as the import will not work otherwise.
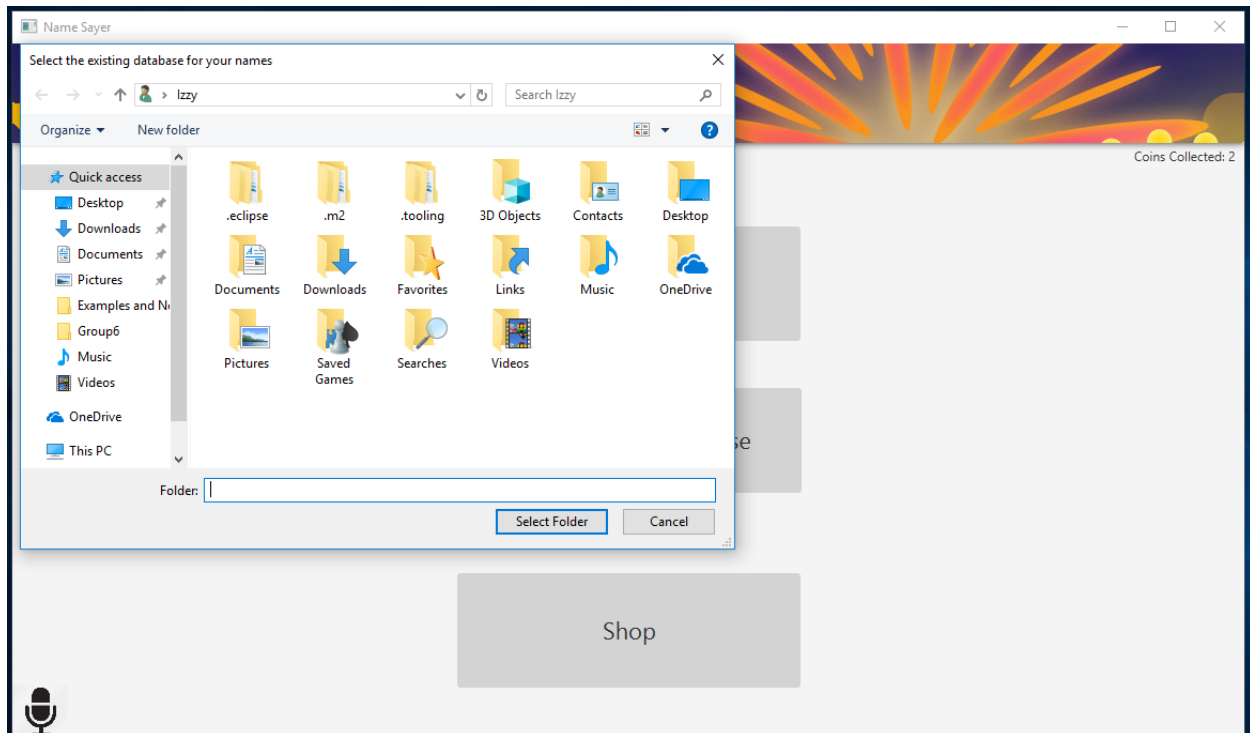

Figure 11: Load another database

8   SHOP

You will notice once you return to the home screen after practicing that your number of coins collected has increased. In fact, each time you practice one recording you earn one coin. Go to the shop window to spend your hard earned coins! There are a variation of backgrounds you can buy with your coins to change the colour/picture of your NameSayer screen (see figure 12). Simply choose which background you would like once you have enough coins and click purchase and set background.
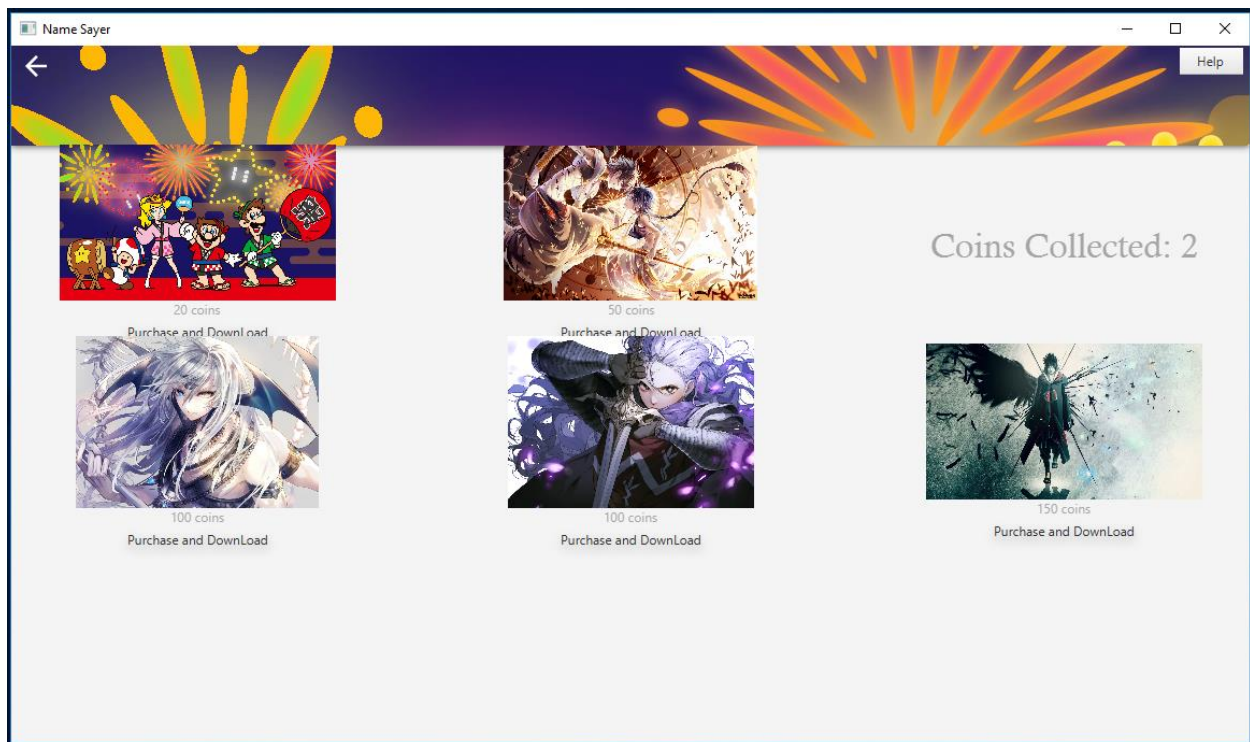

Figure 12: Shop