

PLAY WITH WORDS



Project Introduction

- App Name: **Play With Words**
- Integrated Design Environment: Android Studio
- Targets:
 - Practicing new words
 - Interesting and Effective

Meet Our Team



Thanh Huong
Leader



Phu Duy
Developer



Minh Toan
Manager



Duc Huy
Developer



Quang Huy
Developer



Ứng dụng được phát triển bởi đội ngũ công nghệ thông tin tài năng, kiên trì và không ngừng học hỏi.

About App Game



Sign up



Sign in



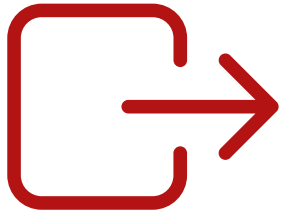
Menu



Let's play



Share result



Log out

Sign in – Sign up

PLAY WITH WORD

Sign in

Sign up



PLAY WITH WORD

Sign in

Username:

Password:

[Forgot password?](#)

Sign in



PLAY WITH WORD

Sign up

Username:

Password:

Confirm password:

Sign up

Sign in – Sign up



Success!

You have already Signed in.
Enjoyed our Game!

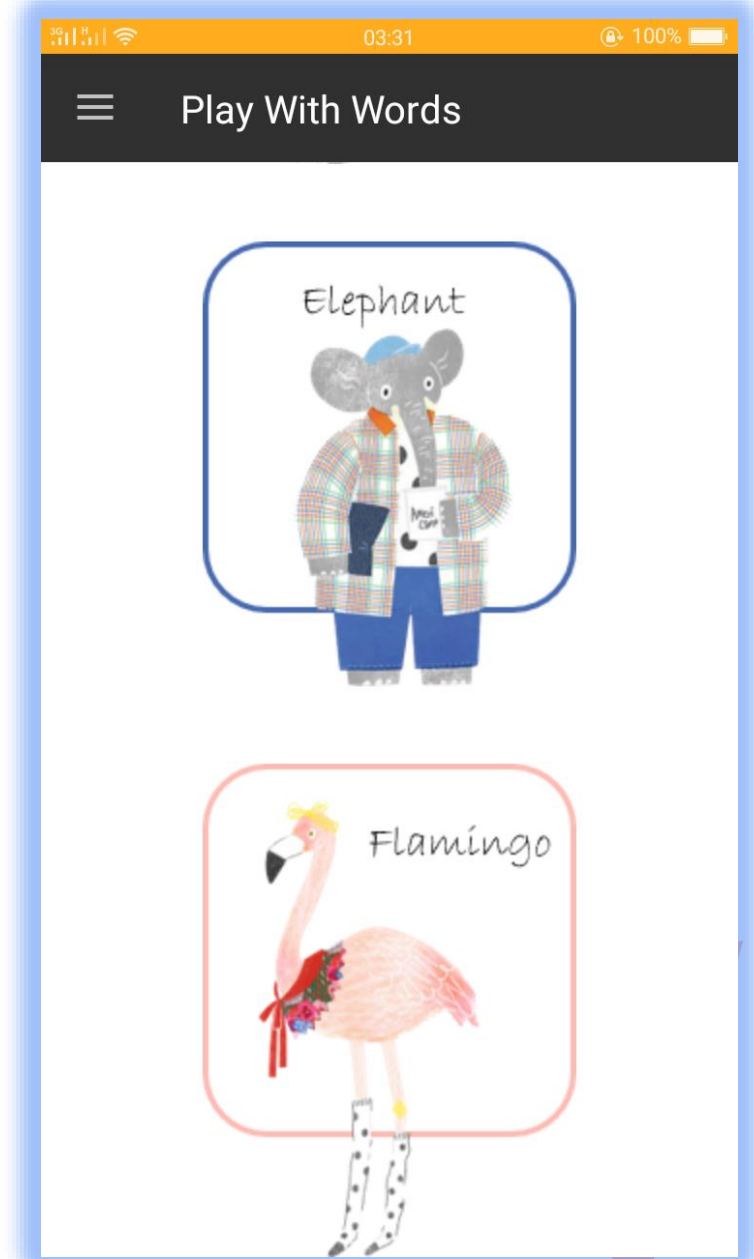
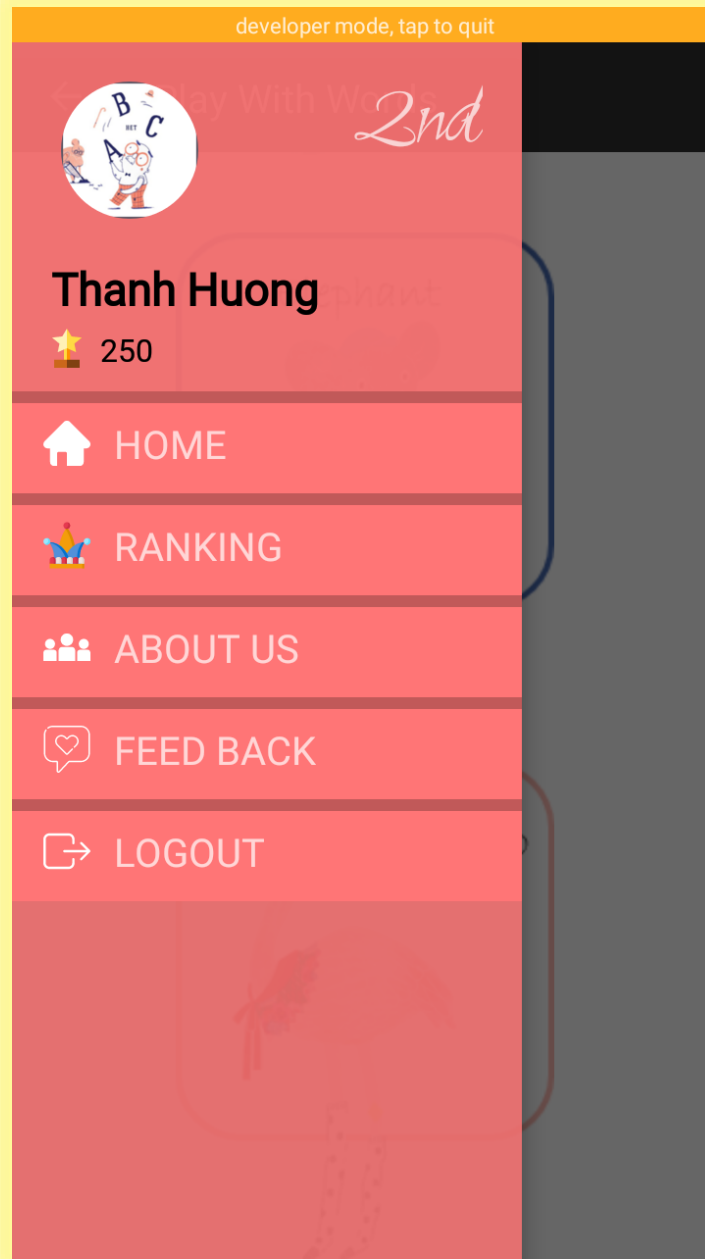
LET'S PLAY

Display **flash screen**

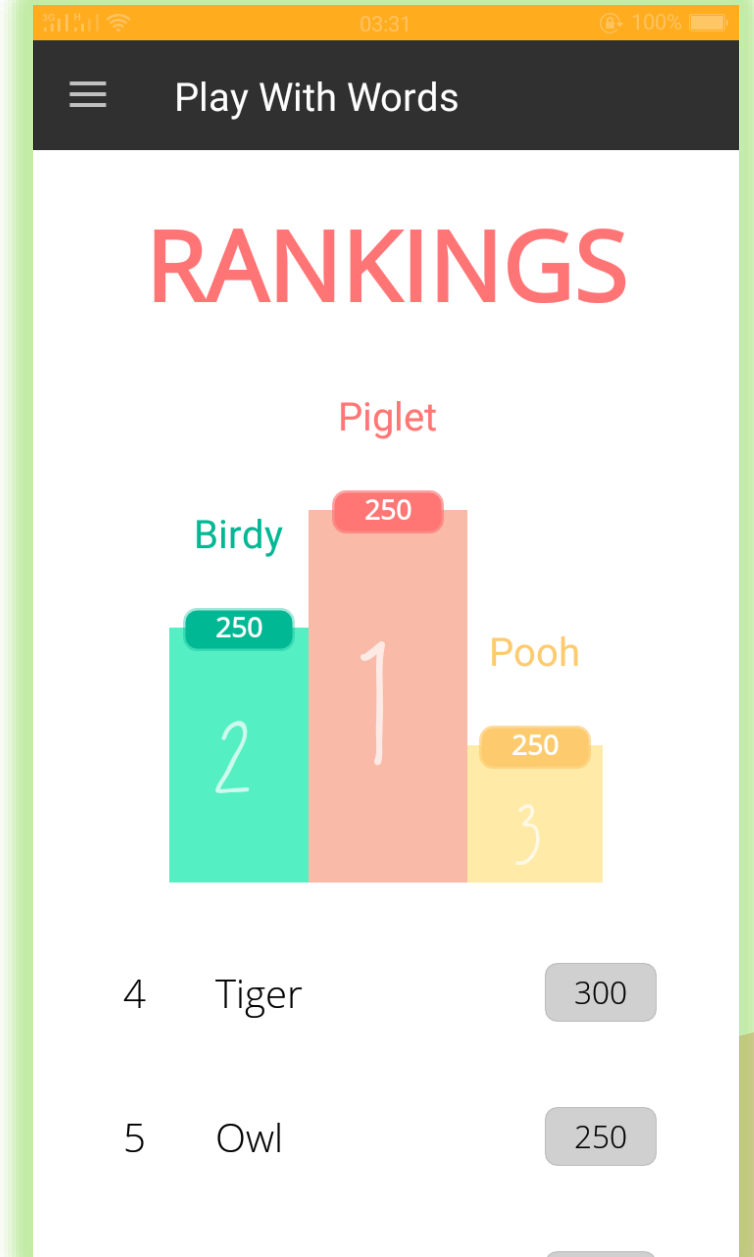
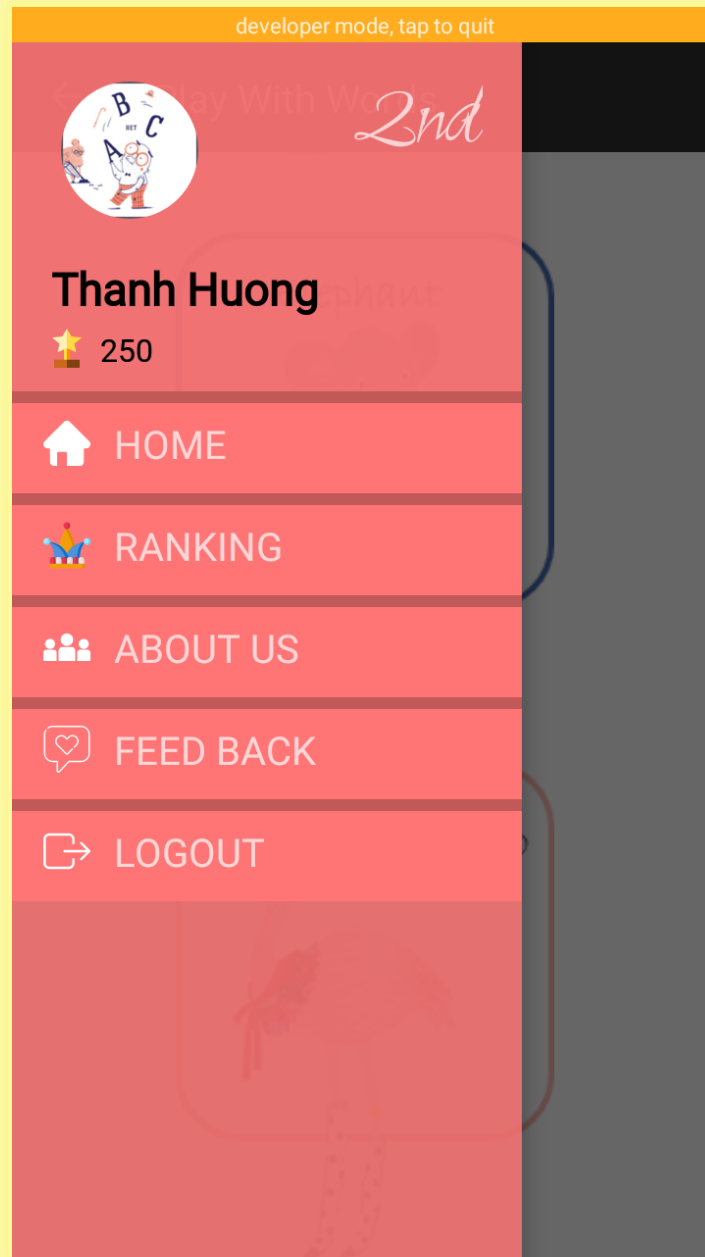


PLAY WITH WORD

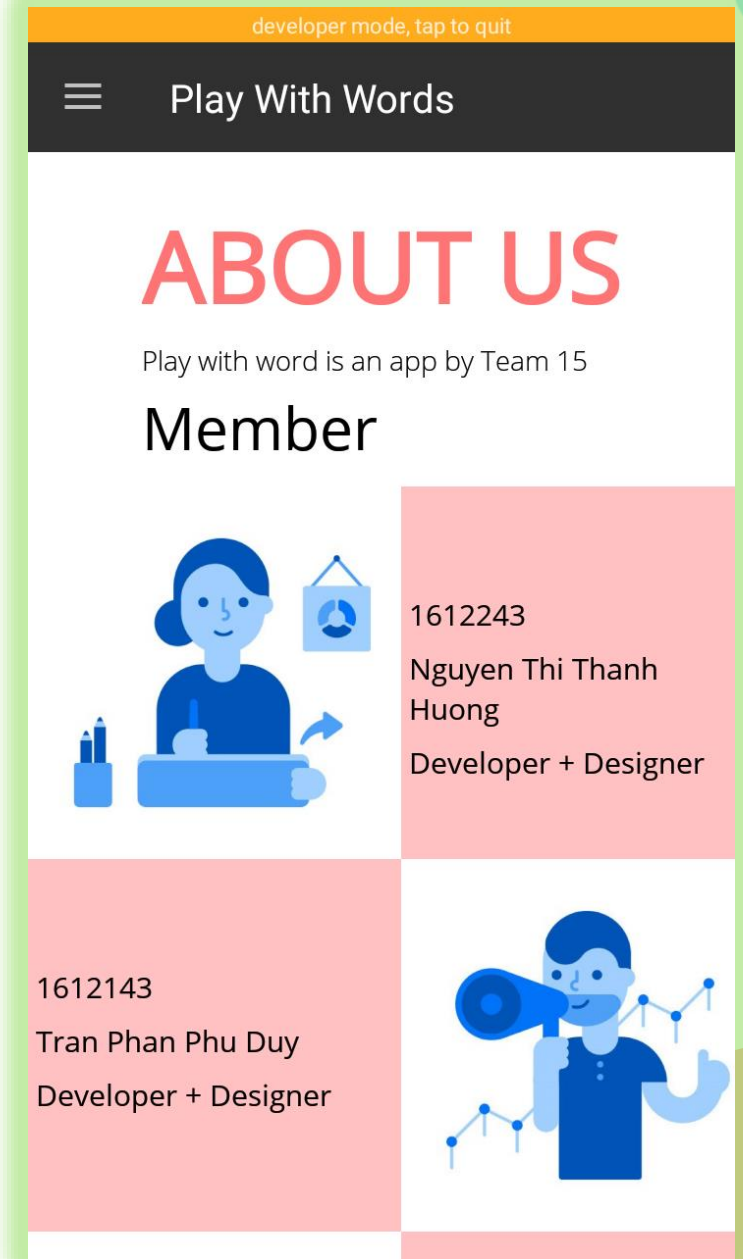
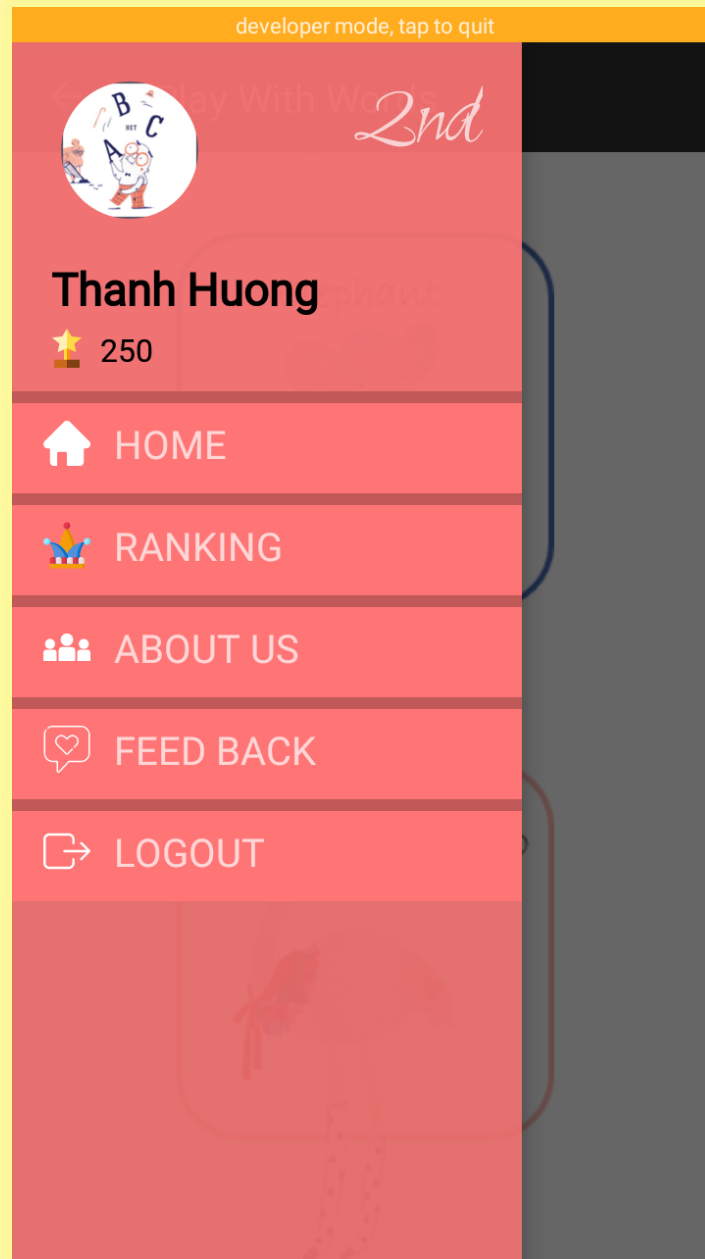
Menu



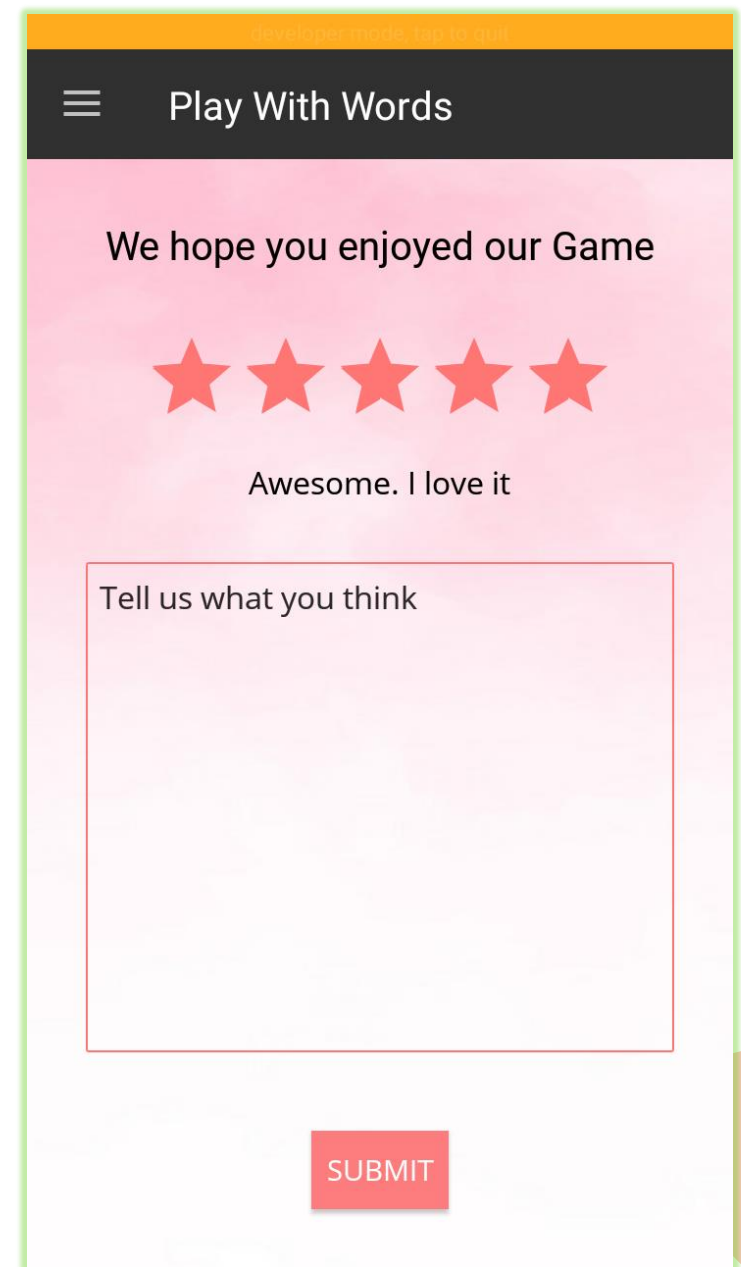
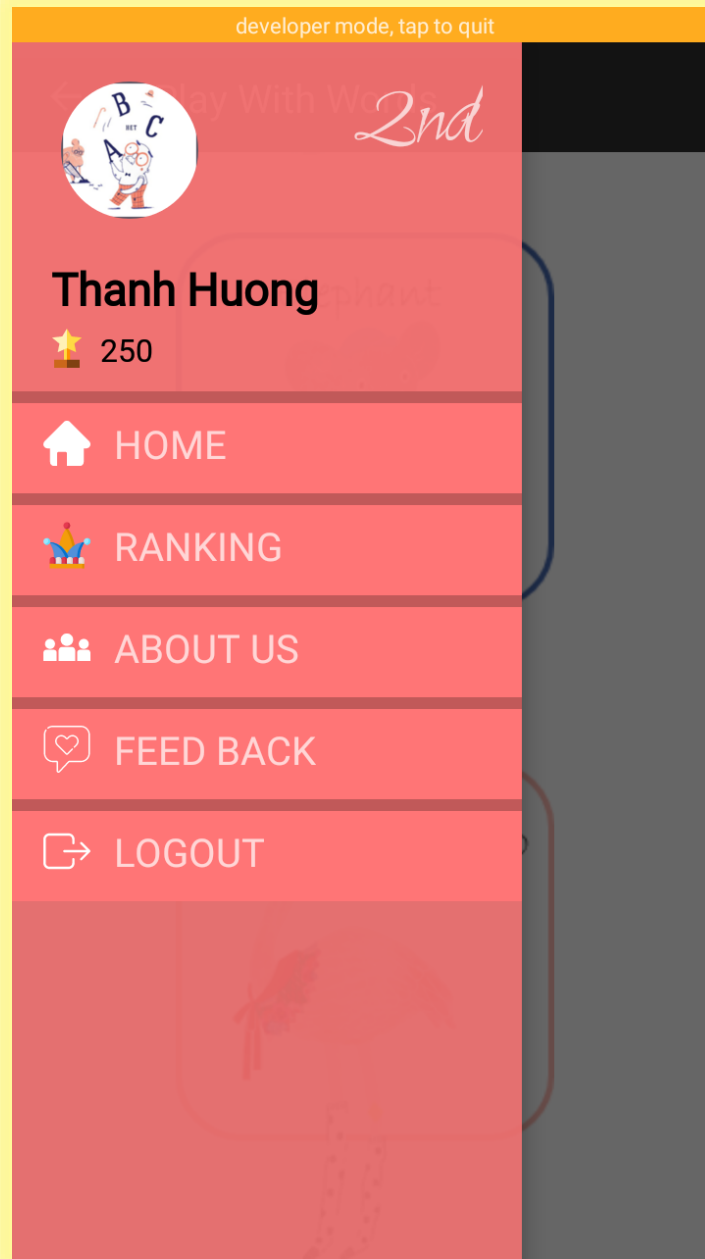
Menu



Menu



Menu



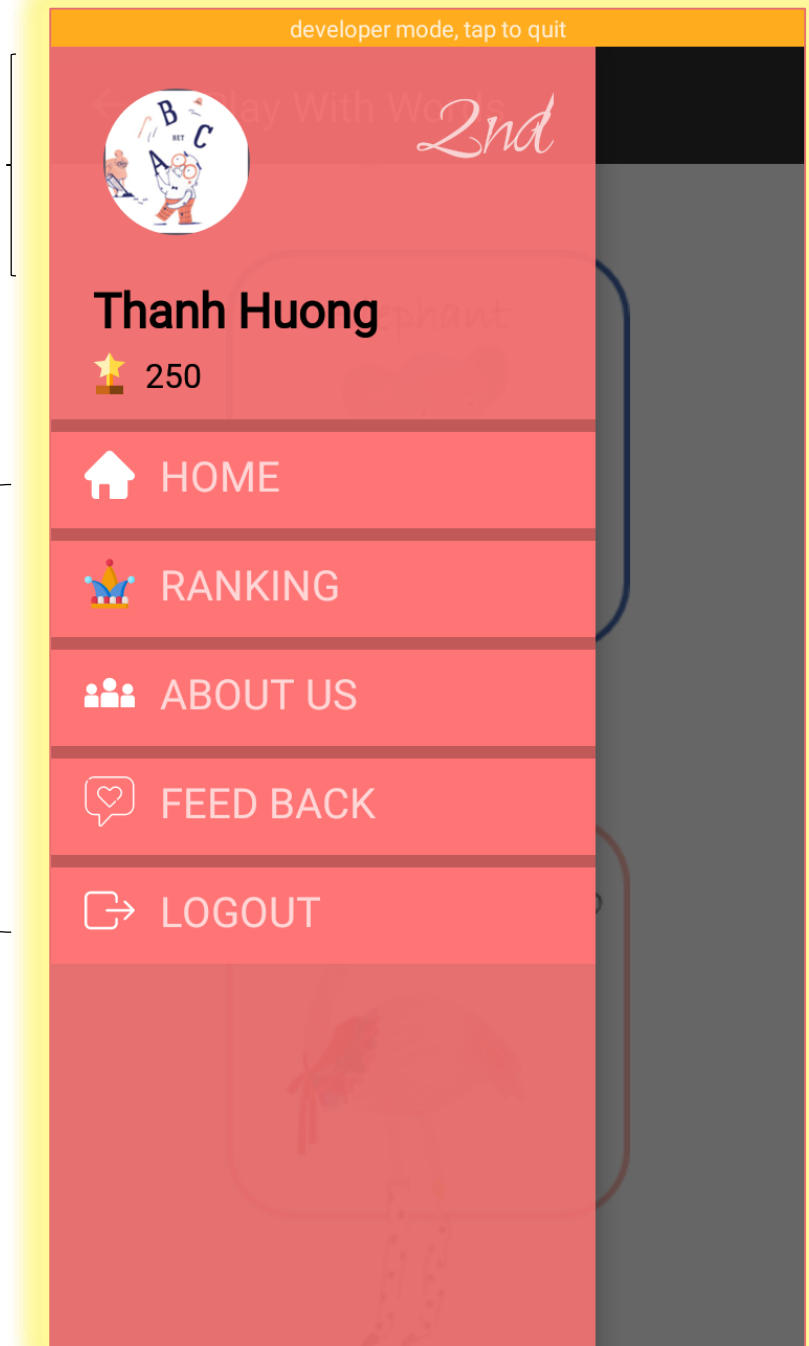
Library - Menu

Recycler View

Circle Image View

Circle Image View

Recycler View



Library – Signin

Firebase-auth

Play-services-auth

Facebook-android

PLAY WITH WORD

Sign in

Username:

Password:

[Forgot password?](#)

Sign in



Sign in
Google
Facebook



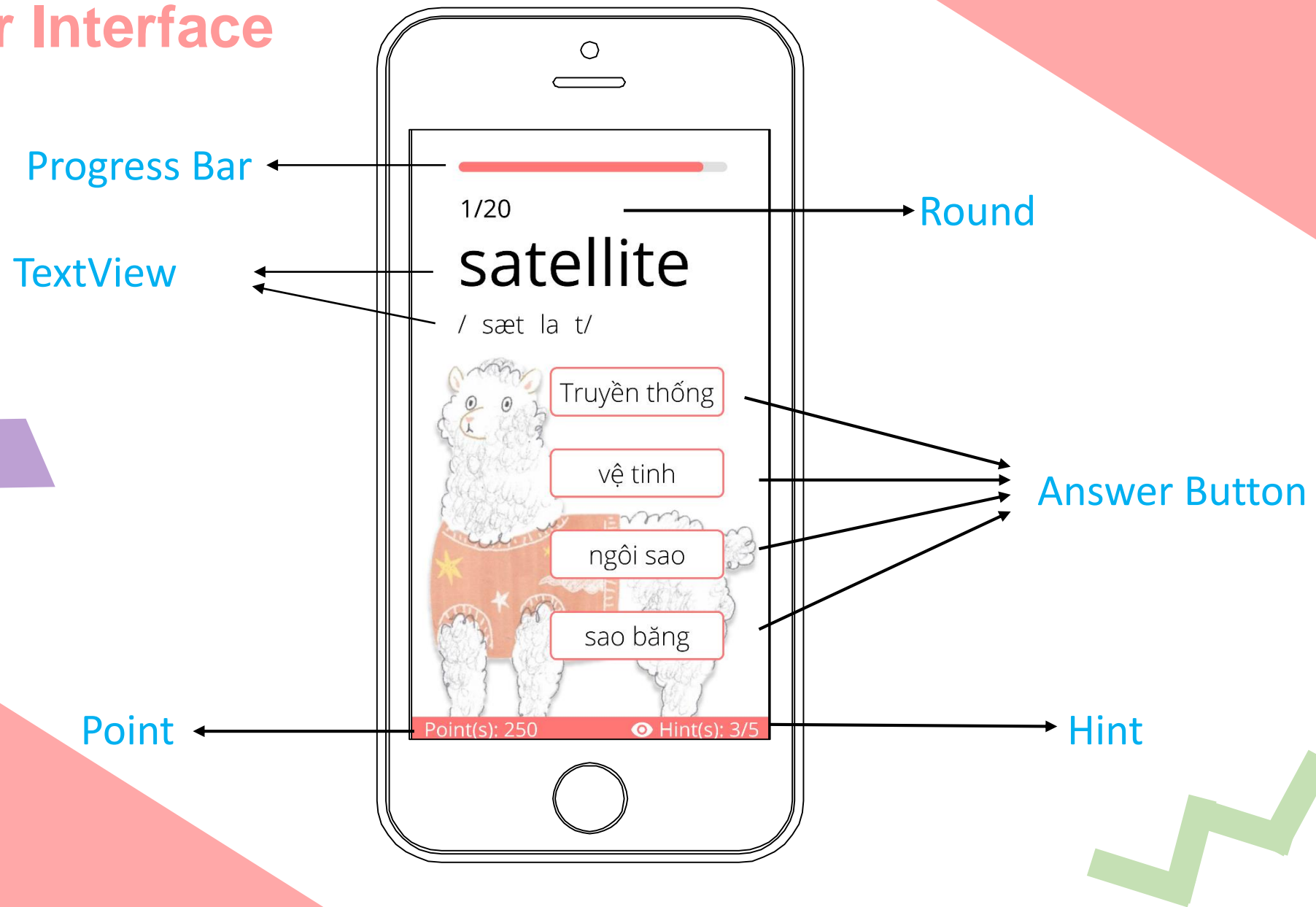
Mode 1

How to play

Choose one of the four options that describes the giving word in Vietnamese



User Interface



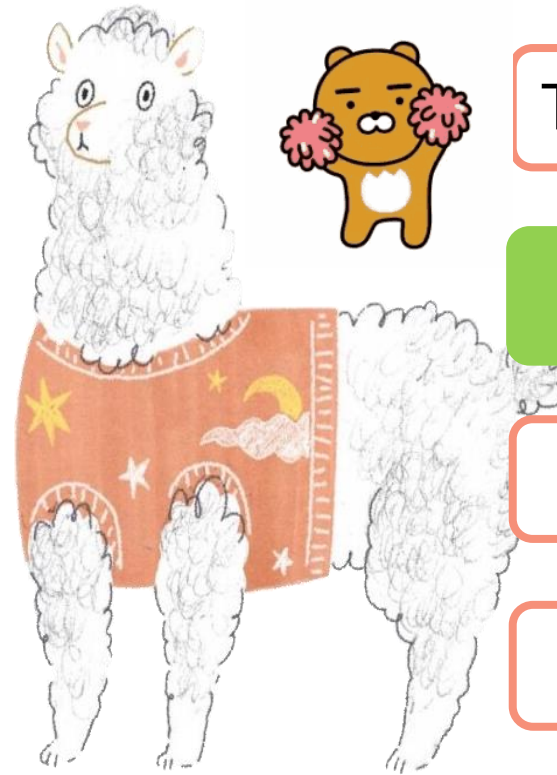
Components And Events

- Progress Bar
- Text View
- 4 Buttons
- Hint
- Point

1/20

satellite

/ˈsætəlart/



Truyền thống

Vệ tinh

Ngôi sao

Sao băng

Point(s): 250

👁️ Hint: 3/5

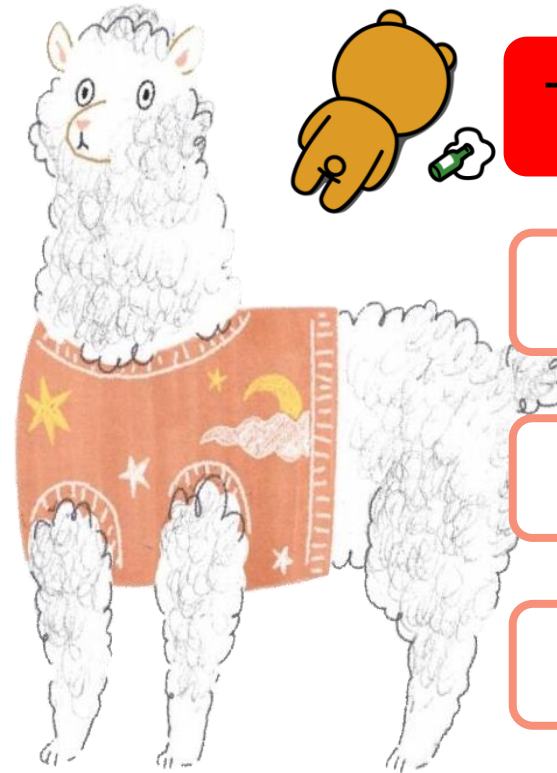
Components And Events

- Progress Bar
- Text View
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1/20

satellite

/ˈsætəlart/



Truyền thống

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Point(s): 250

👁️ Hint: 3/5

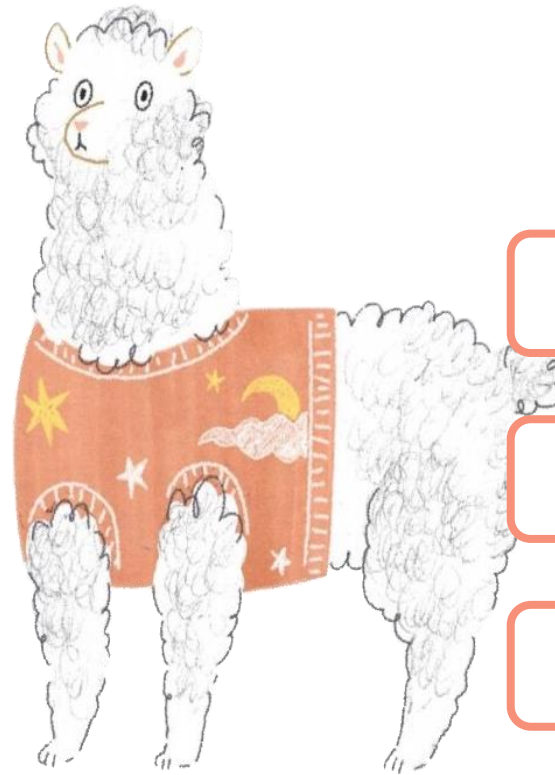
Components And Events

- Progress Bar
- Text View
- 4 Buttons
- Hint
- Point

1/20

satellite

/ˈsætəlart/



Vệ tinh

Ngôi sao

Sao băng

Point(s): 250

 Hint: 3/5

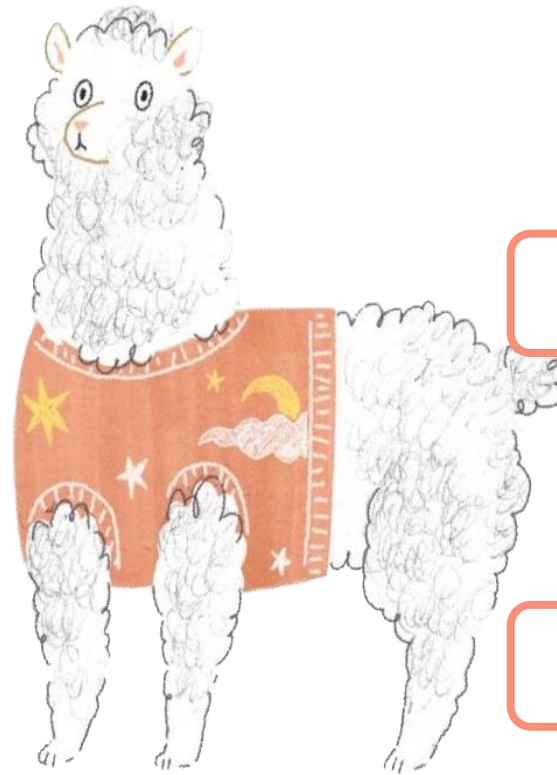
Components And Events

- Progress Bar
- Text View
- 4 Buttons
- Hint
- Point

1/20

satellite

/'sætəlaɪt/



Vệ tinh

Sao băng

Point(s): 250

 Hint: 3/5

Well done!

Final result: Total score:
17/20 **335**



Mode 2

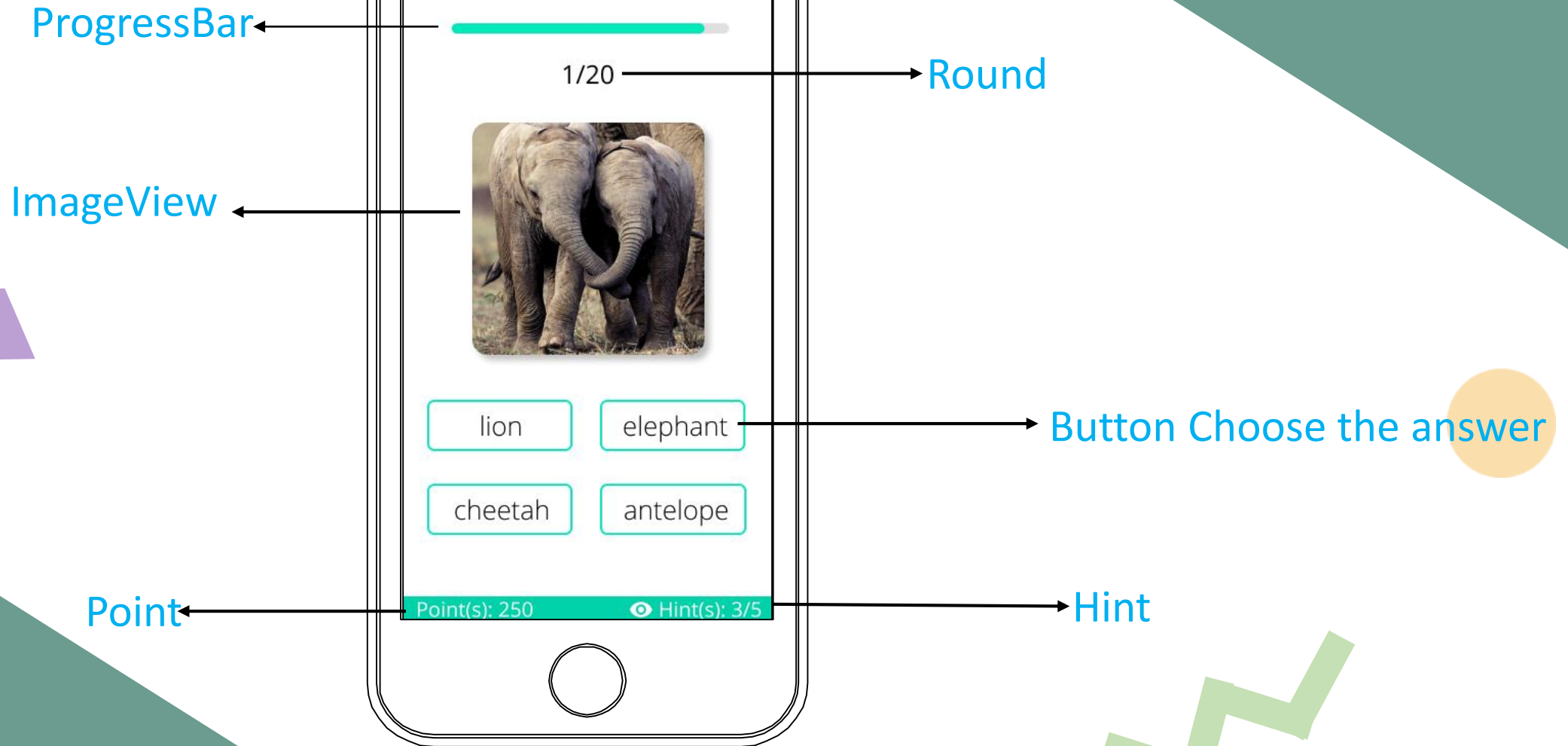


How to play

Choose one of the four options
that describes the giving
Picture in English



User Interface



Component And Events

- Progress Bar
- Text View
- Image View
- Button Choose
- Hint
- Point

1/20



Lion



Cheetah

Antelope

Point(s): 250

 Hint: 3/5

Component And Events

- Progress Bar
- Text View
- Image View
- Button Choose
- Hint
- Point

1/20



Elephant

Cheetah

Antelope

Point(s): 250

 Hint: 3/5

Component And Events

- Progress Bar
- Text View
- Image View
- Button Choose
- Hint
- Point

1/20



Elephant

Cheetah

Antelope

Point(s): 250

 Hint: 3/5

Component And Events

- Progress Bar
- Text View
- Image View
- Button Choose
- Hint
- Point

1/20



Elephant

Antelope

Point(s): 250

 Hint: 3/5

Keep it up!

Final result: Total score:
17/20 **335**





Mode 3

How to play

Fill in the blank with a suitable word that matches the giving definition

User Interface

Progress Bar



1/20

Round

Text View

a fossil fuel in the gaseous state;
used for cooking and
heating homes

Answer:

Edit Text



Button

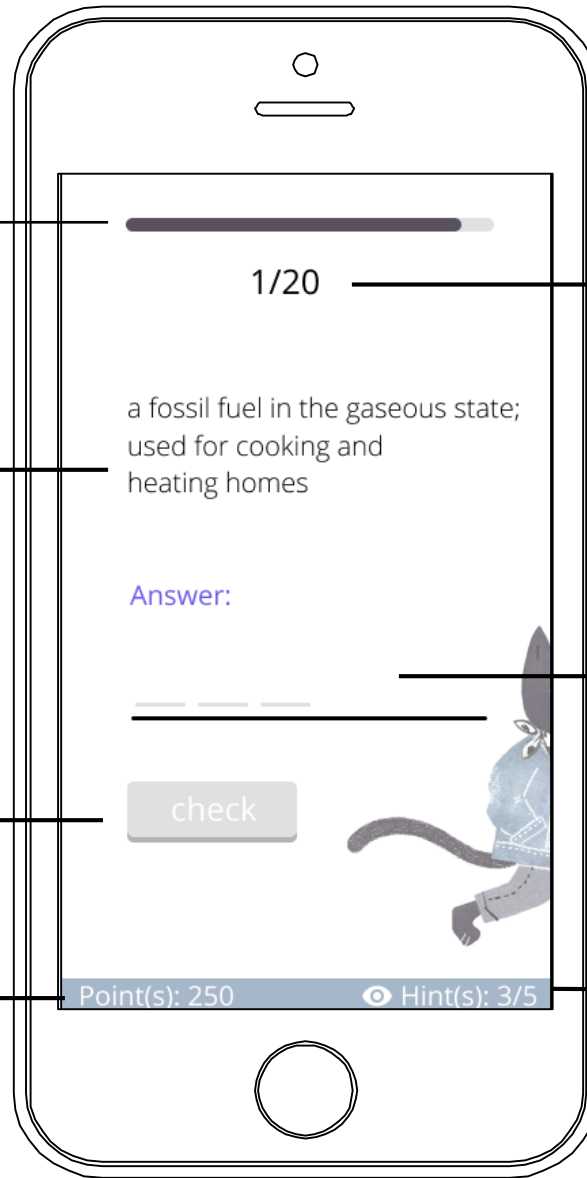


Point

Point(s): 250

Hint(s): 3/5

Hint



Component And Events

- Progress Bar
- Text View
- Edit Text
- Button Check
- Hint
- Point

1/20

A fossil fuel in the gaseous state;
used for cooking and
heating homes

Answer:

C

Check

Point(s): 250

 Hint: 3/5



Component And Events

- Progress Bar
- Text View
- Edit Text
- Button Check
- Hint
- Point

1/20

A fossil fuel in the gaseous state;
used for cooking and
heating homes

Answer:

0

Check



Point(s): 250

 Hint: 3/5

Component And Events

- Progress Bar
- Text View
- Edit Text
- Button Check
- Hint
- Point

1/20

A fossil fuel in the gaseous state;
used for cooking and
heating homes

Answer:

C o a l



Check

Point(s): 250

 Hint: 3/5

Keep it up!

Final result: Total score:

17/20

335



Mode 4



How to play

Listen carefully
and write down the word.
Press DONE button to finish the task.

User Interface

Progress Bar

1/20

Round

Button volume

Edit Text

Done

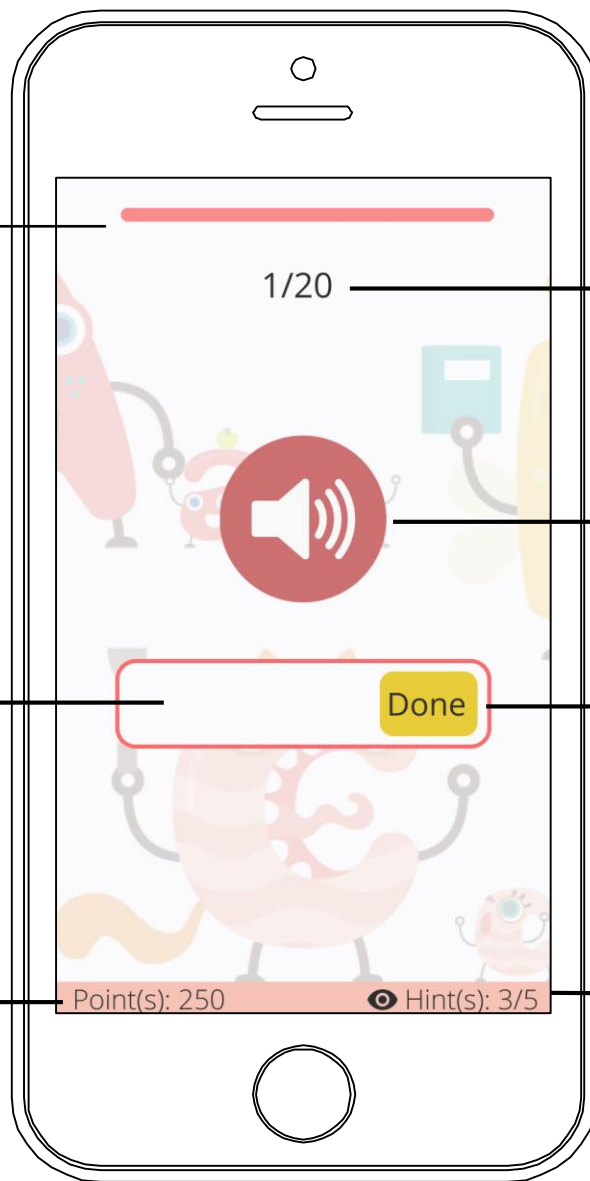
Button Done

Point

Point(s): 250

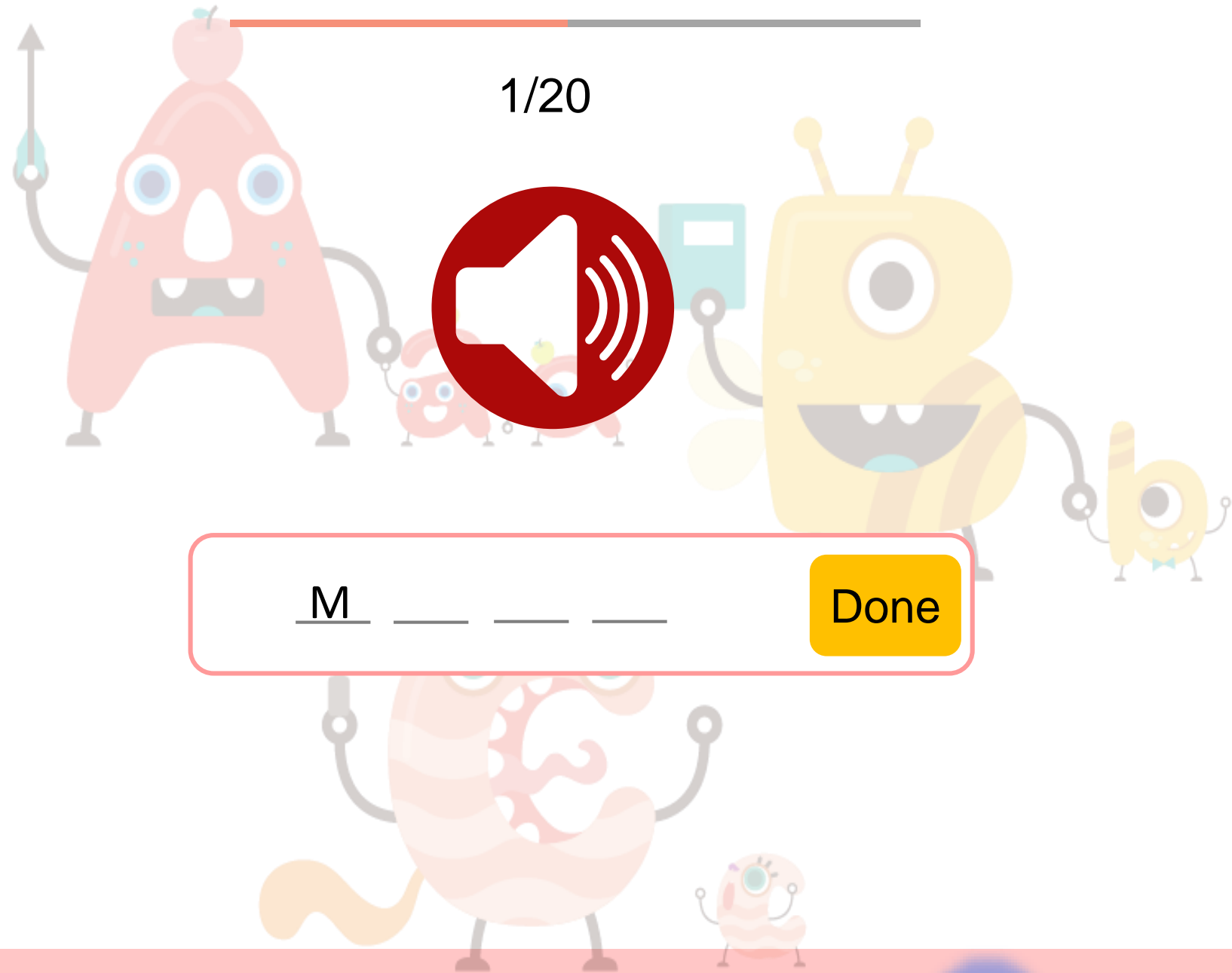
Hint(s): 3/5

Hint



Component And Events

- Progress Bar
- Text View
- Button Volume
- Edit Text
- Button Done
- Hint
- Point

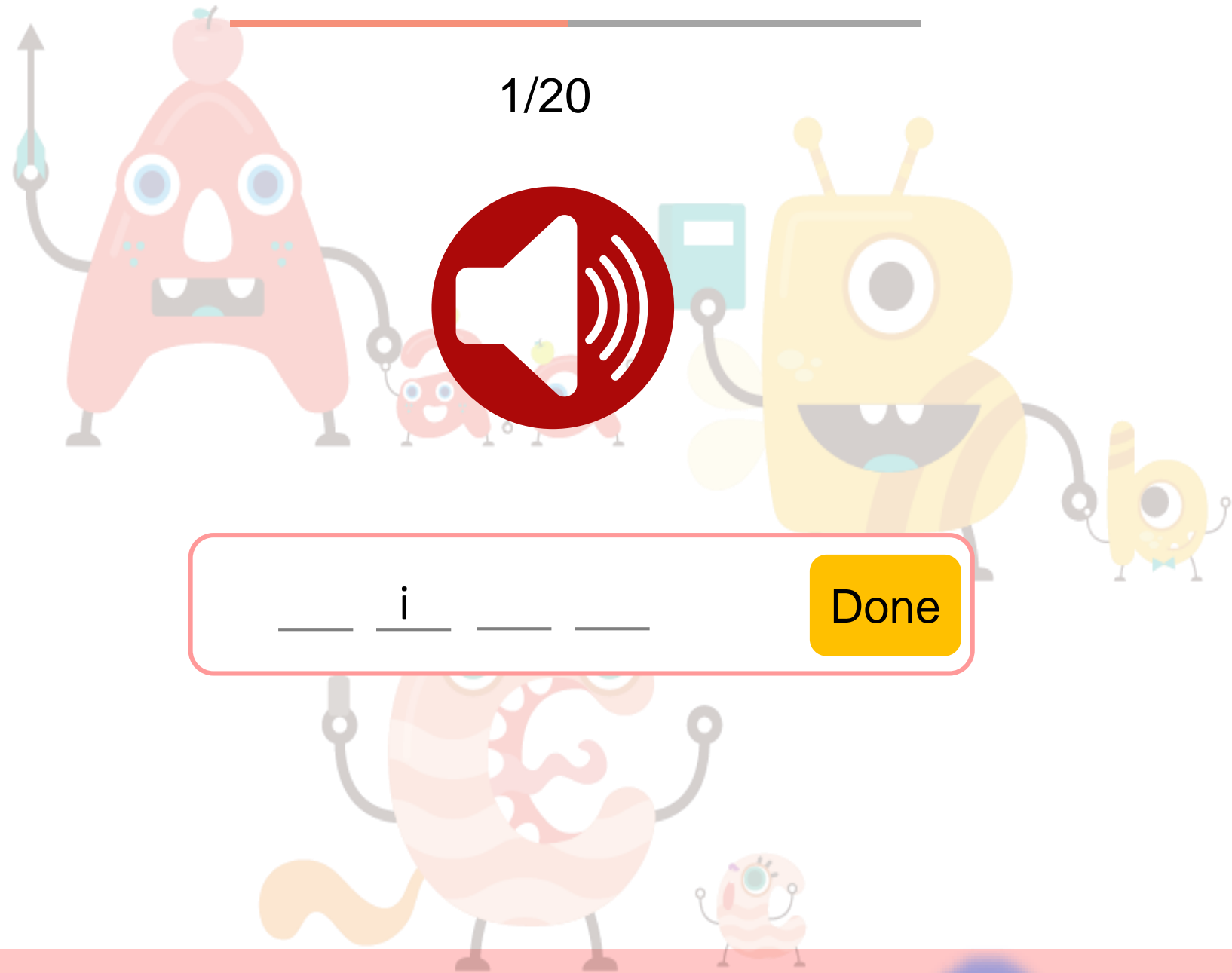


Point(s): 250

 Hint: 3/5

Component And Events

- Progress Bar
- Text View
- Button Volume
- Edit Text
- Button Done
- Hint
- Point

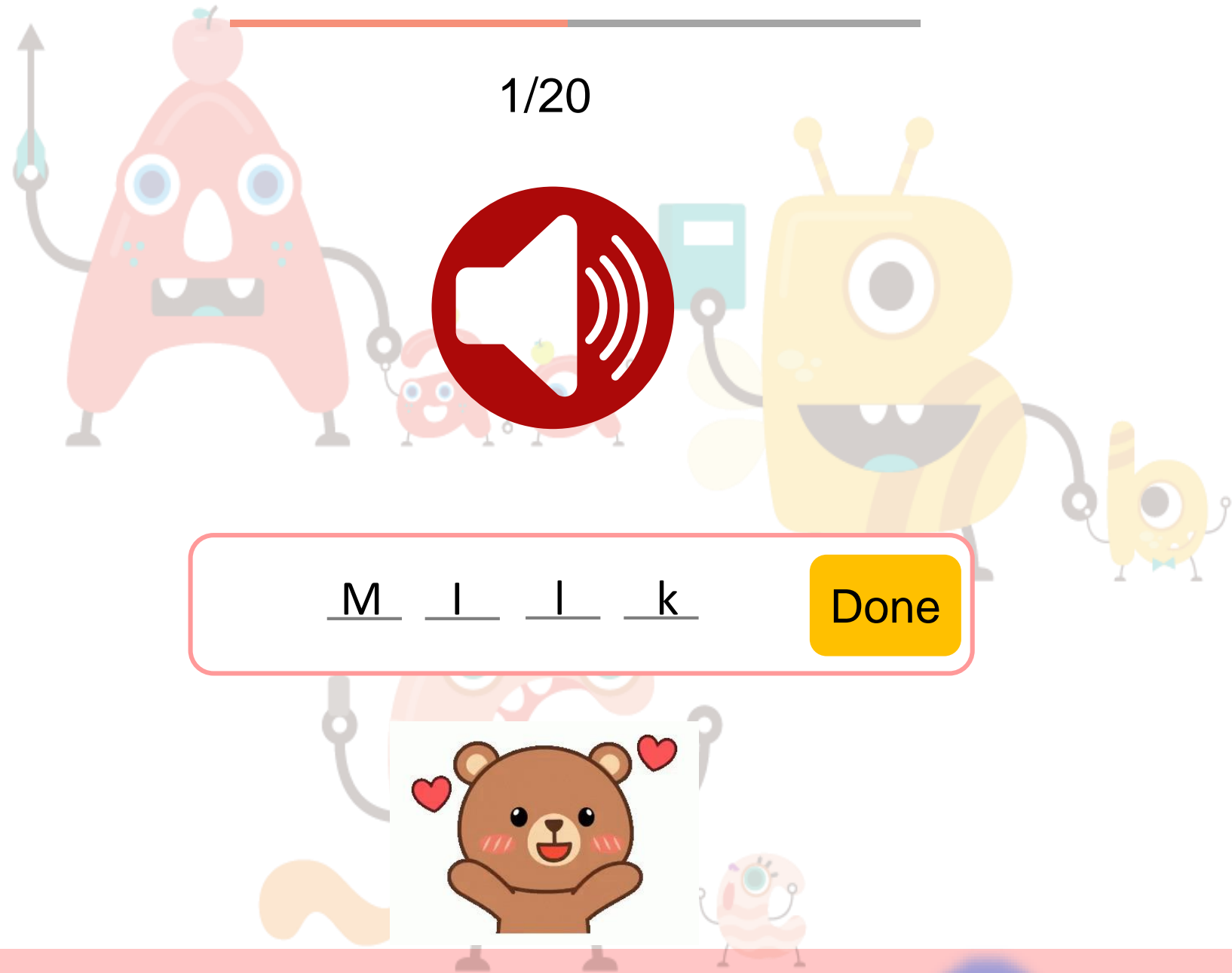


Point(s): 250

 Hint: 3/5

Component And Events

- Progress Bar
- Text View
- Button Volume
- Edit Text
- Button Done
- Hint
- Point



Point(s): 250

 Hint: 3/5

Well done!

Final result: Total score:
17/20 **335**



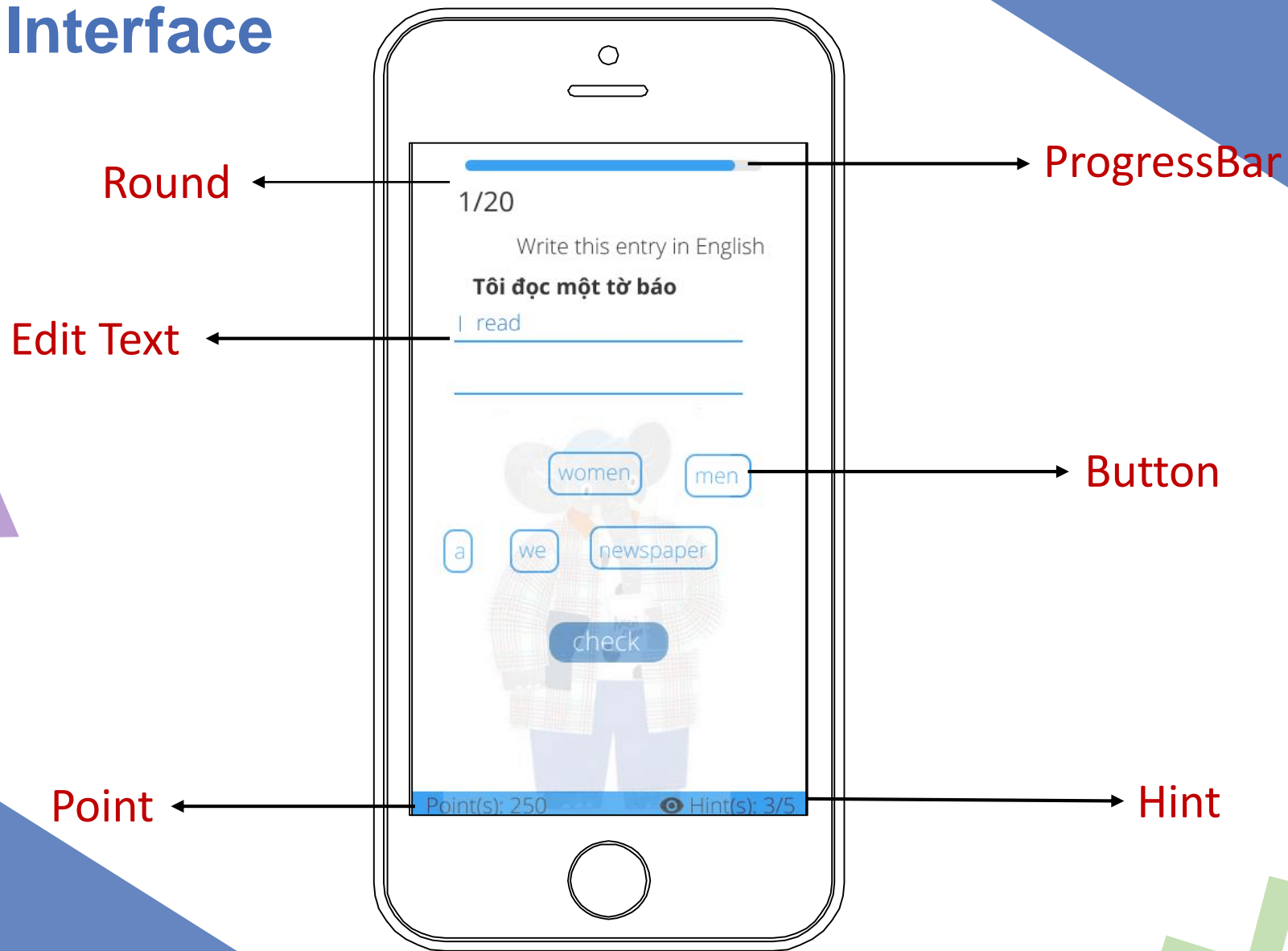
Mode 5

How to play

By putting words in the right order, form a suitable sentence that has the giving Vietnamese meaning



User Interface



Component And Events

- Progress Bar
- Text View
- Text Box
- Button Word
- Button Check
- Hint
- Point

1/20

Write this Entry in English

Chúng tôi đọc một tờ báo

we

read

a

men

women

newspaper

Check



Point(s): 250

 Hint: 3/5

Component And Events

- Progress Bar
- Text View
- Text Box
- Button Word
- Button Check
- Hint
- Point

1/20

Write this Entry in English

Chúng tôi đọc một tờ báo

we

read

a

newspaper

women

men

Check



Point(s): 250

 Hint: 3/5

Keep it up!

Final result: Total score:
17/20 **335**



Mode 6

How to play

Speak out the giving word

 Hold to record your voice



User Interface

Text View
For Question

1/20

Round

let me down slowly

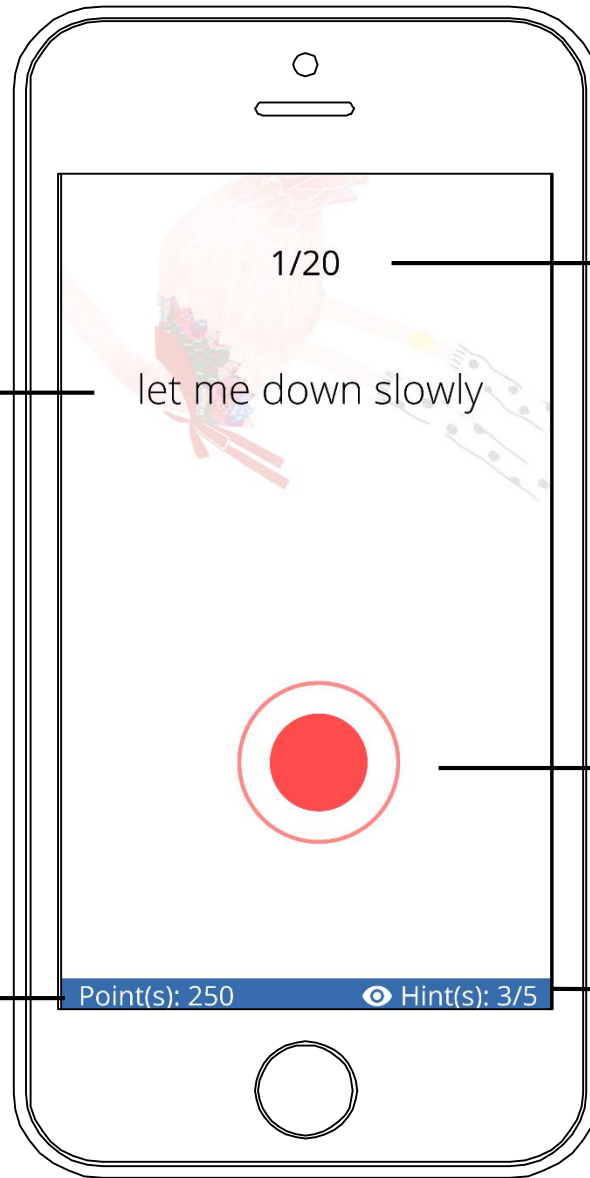
Record

Point

Point(s): 250

Hint(s): 3/5

Hint




Component And Events

- Progress Bar
- Text View
- Button Record
- Hint
- Point

1/20

Let me down slowly

Point(s): 250

 Hint: 3/5

Component And Events

- Progress Bar
- Text View
- Button Record
- Hint
- Point


1/20

Let me down slowly



You read exactly 95%

Point(s): 250

 Hint: 3/5

Well done!

Final result: Total score:
17/20 **335**

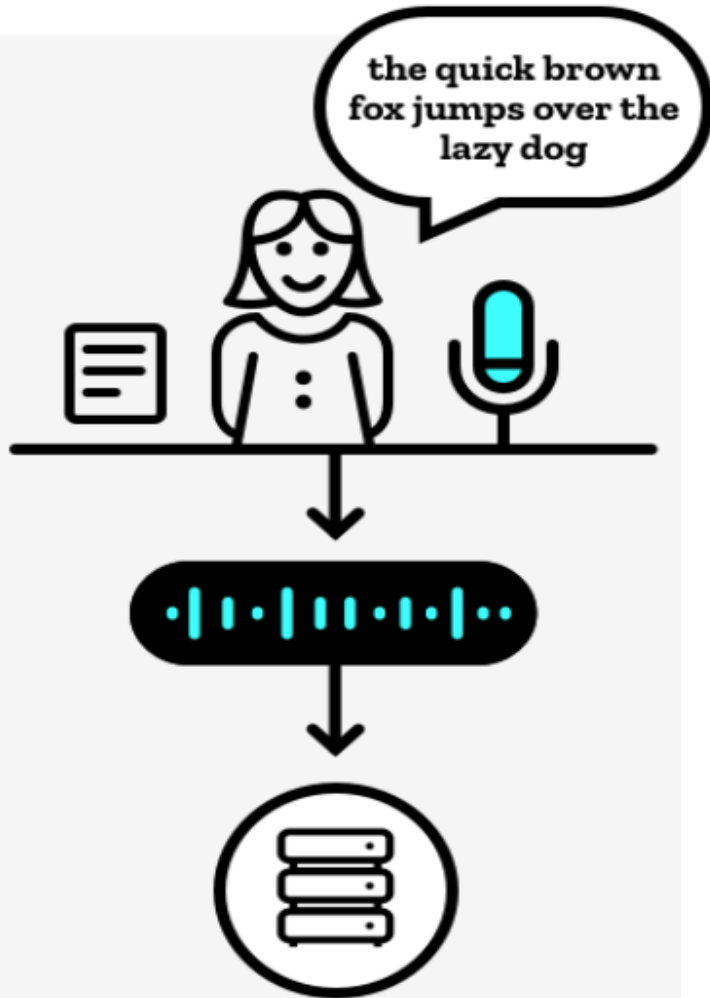




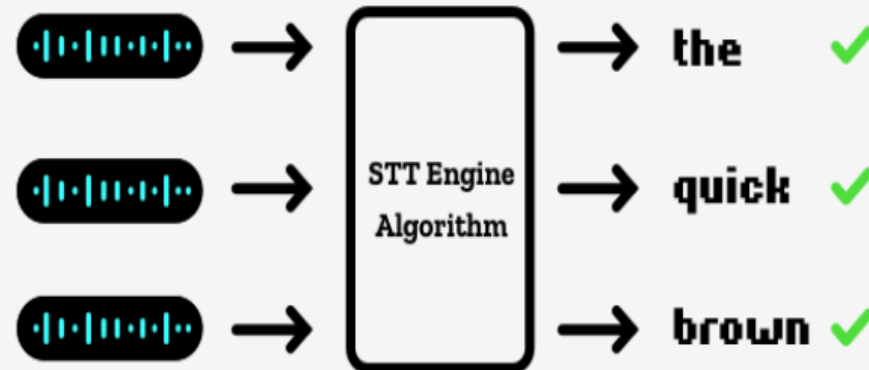
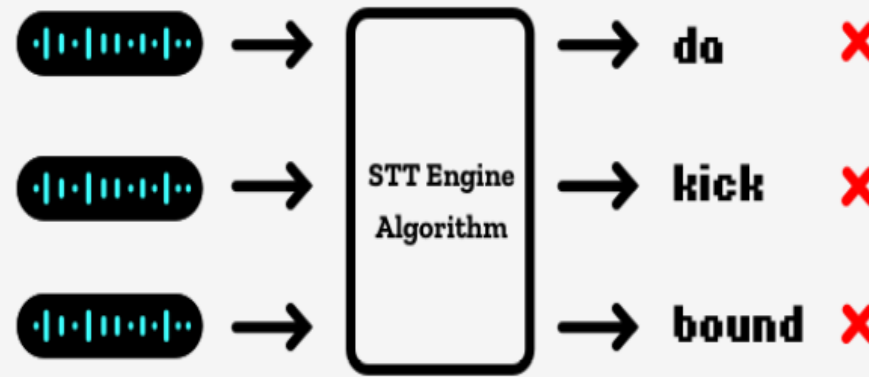
APIs MODE 6

How a Speech To Text In Machine Learning

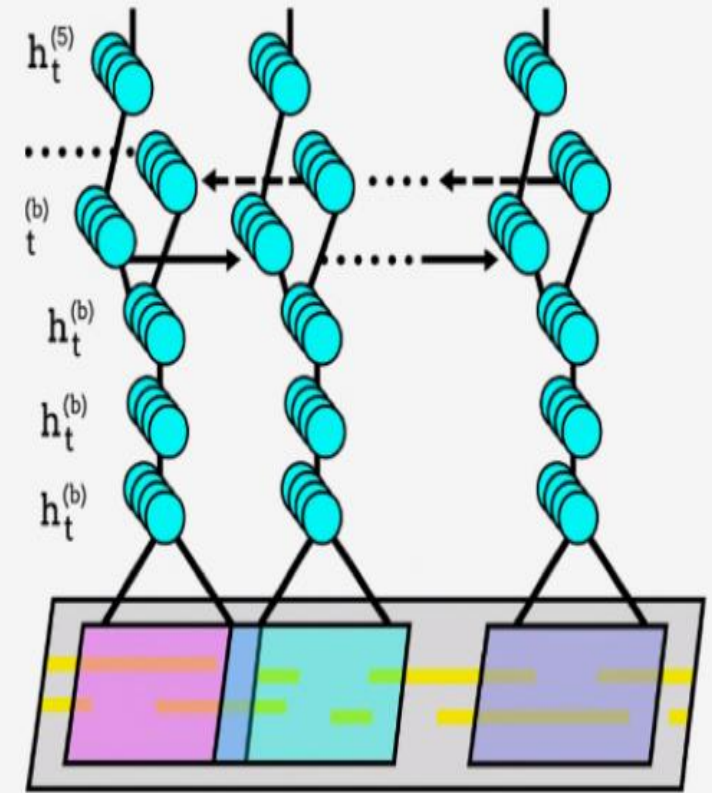
Step 1: Record voices



Step 2. Input voice data

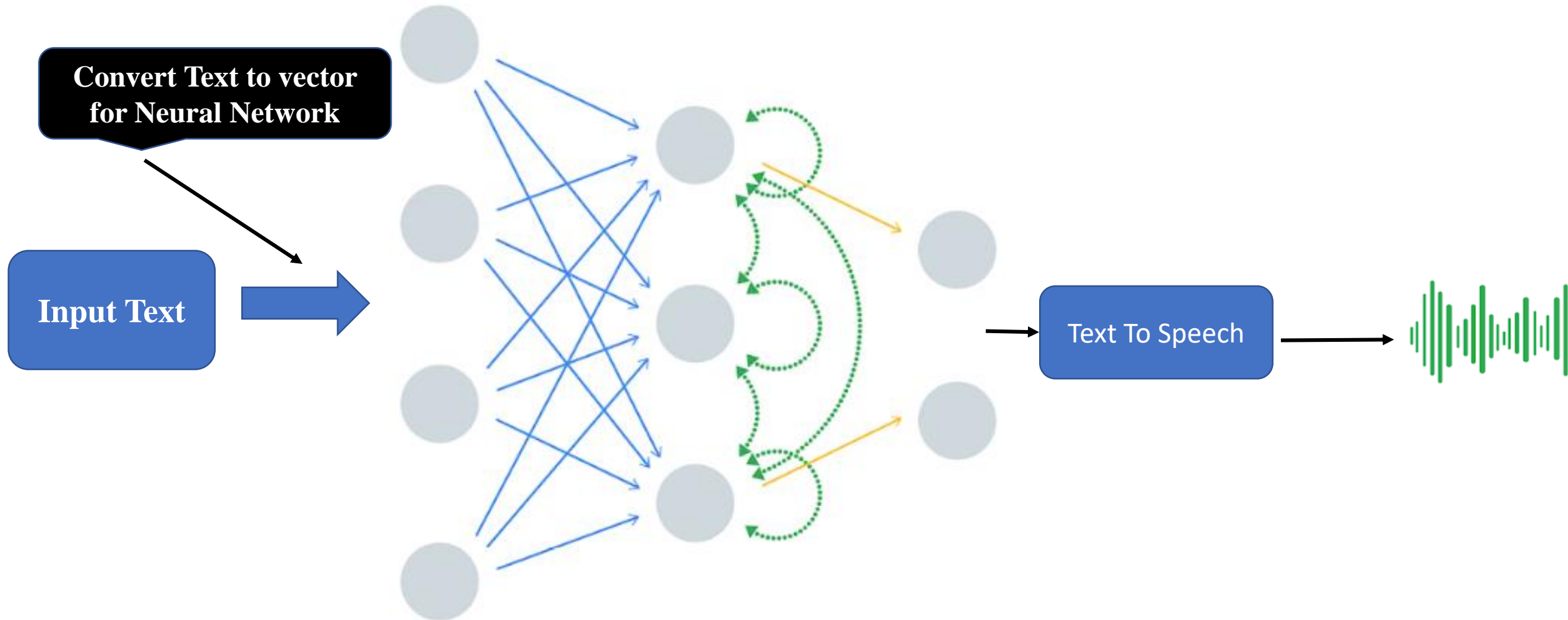


Step 3. Train the speech algorithm



Generate Check Correct Update Learn

How to exchange Text to Speech using Neural Network



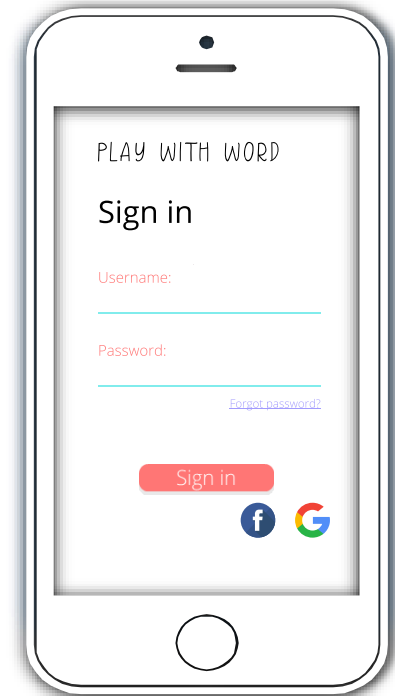
Database



getValue
←



getValue
→
←
setValue



Using point to buy hint

Points (1 mode)
Number Of Hint

Number Of Hint = 0



Opps :(

Oh, you're almost out of hint.
Use your point to get more hint.
just 7 points for 1 hint

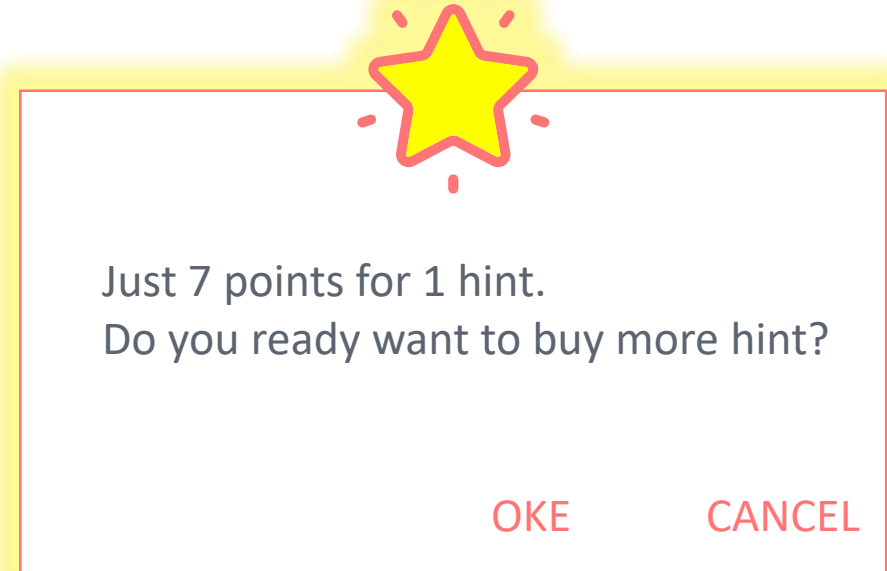
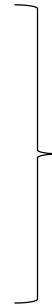
☐ Never show again

GOT IT

Using point to buy hint

Points ≥ 7

The user can use point to buy hint
Update Points & Number hint



Using point to buy hint

The user can't use point to buy hint
Update Points & Number hint



Sorry!

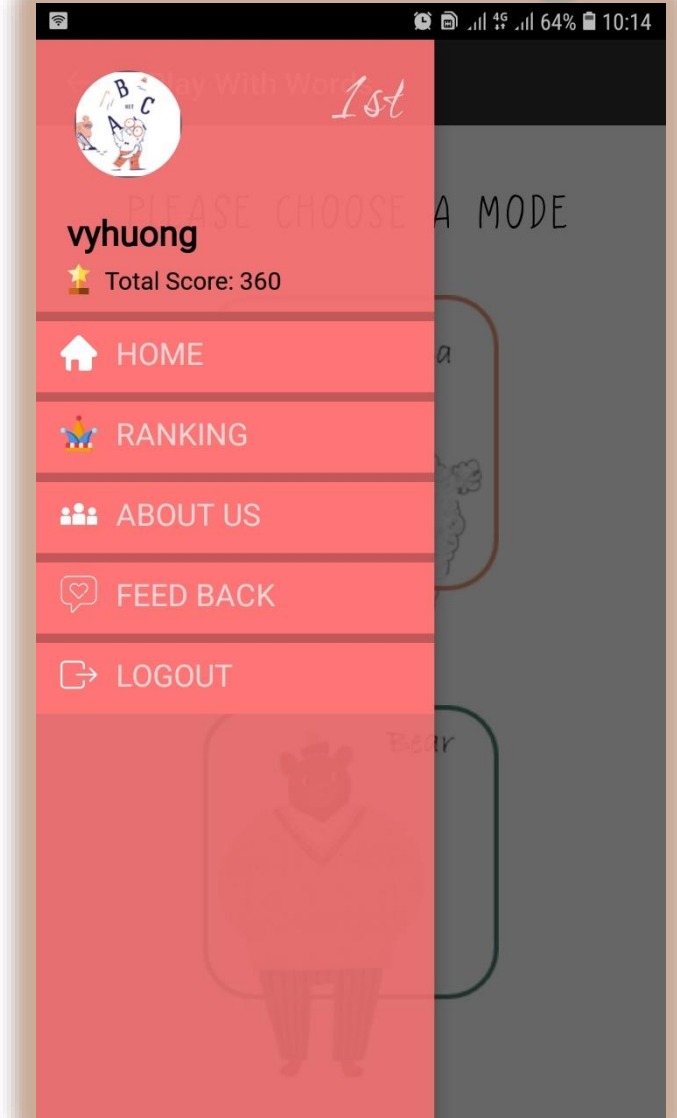
You don't have enough point to buy hint.

OKE

Using point to rank

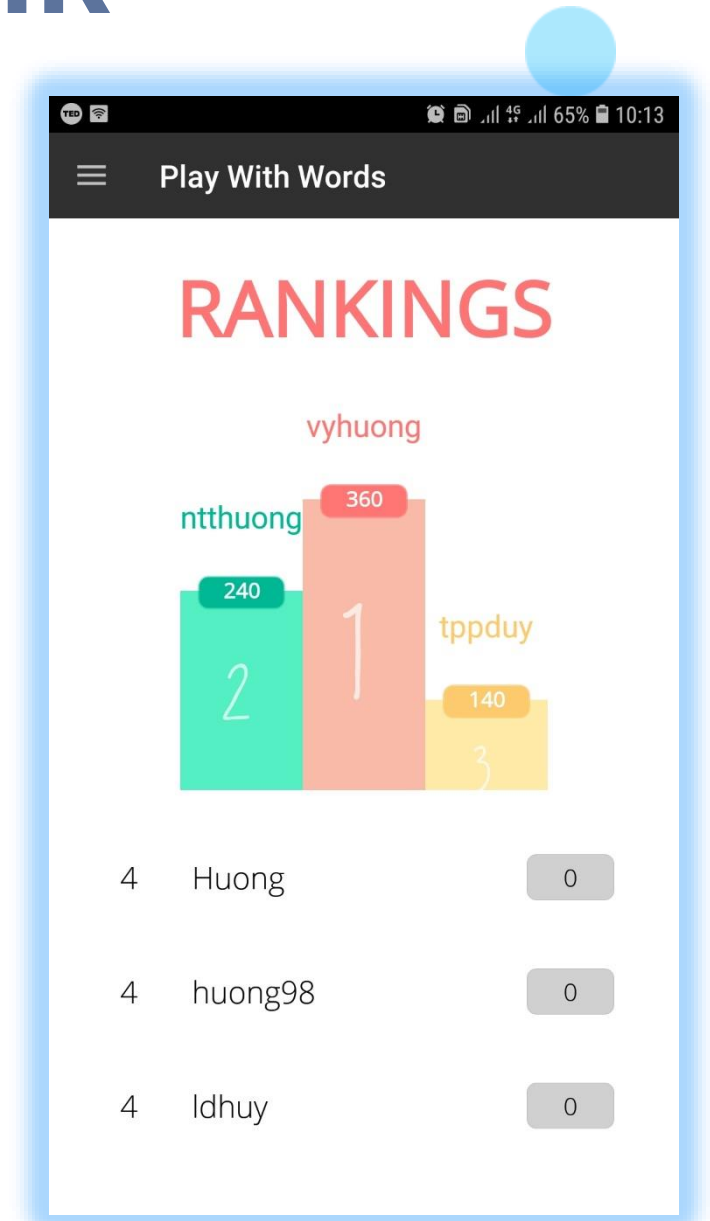
```
private class User
{
    private String name;
    private long totalScore;
}
```

```
List<User> mUser = new ArrayList<>( );
```



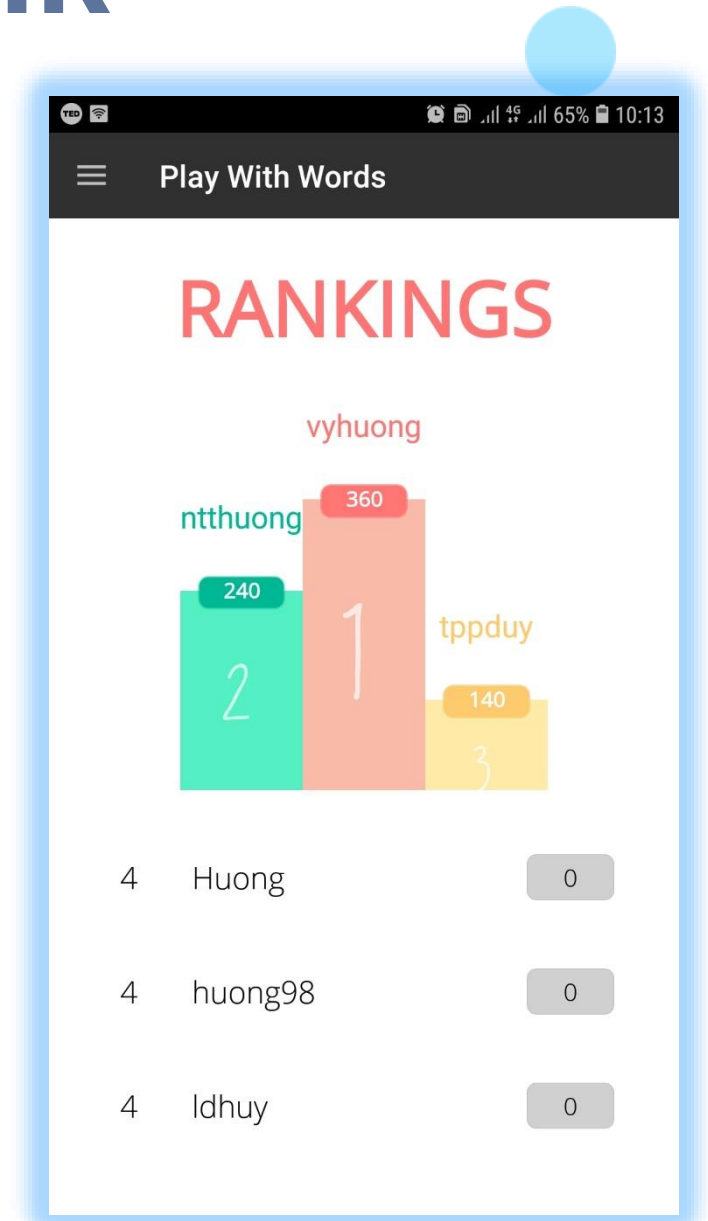
Using point to rank

- Reading a list of user's information from Firebase and assign to mUser.
- Sorting mUser in descending order by totalScore.
- Finding index of user in mUser and assign to index.
- We can find the order of user's rank according to index.







Using point to rank

- According to sorted mUser list.
- Picking first 3 users in mUser (3 users have highest score) and set to ranking chart.
- Picking next 7 users to set to the list below.
- If the number of user in mUser list is not enough to set, we will set “...” to the blank.



Effects

- Background Music 
- Gif Image 
- Button notification right/wrong 
- Sound notification right/wrong 
- RippleBackground
 - `com.skyfishjy.library`

Keep it up!

Final result: Total score:



Share

Menu

Share result



Log out



Do you want to quit?

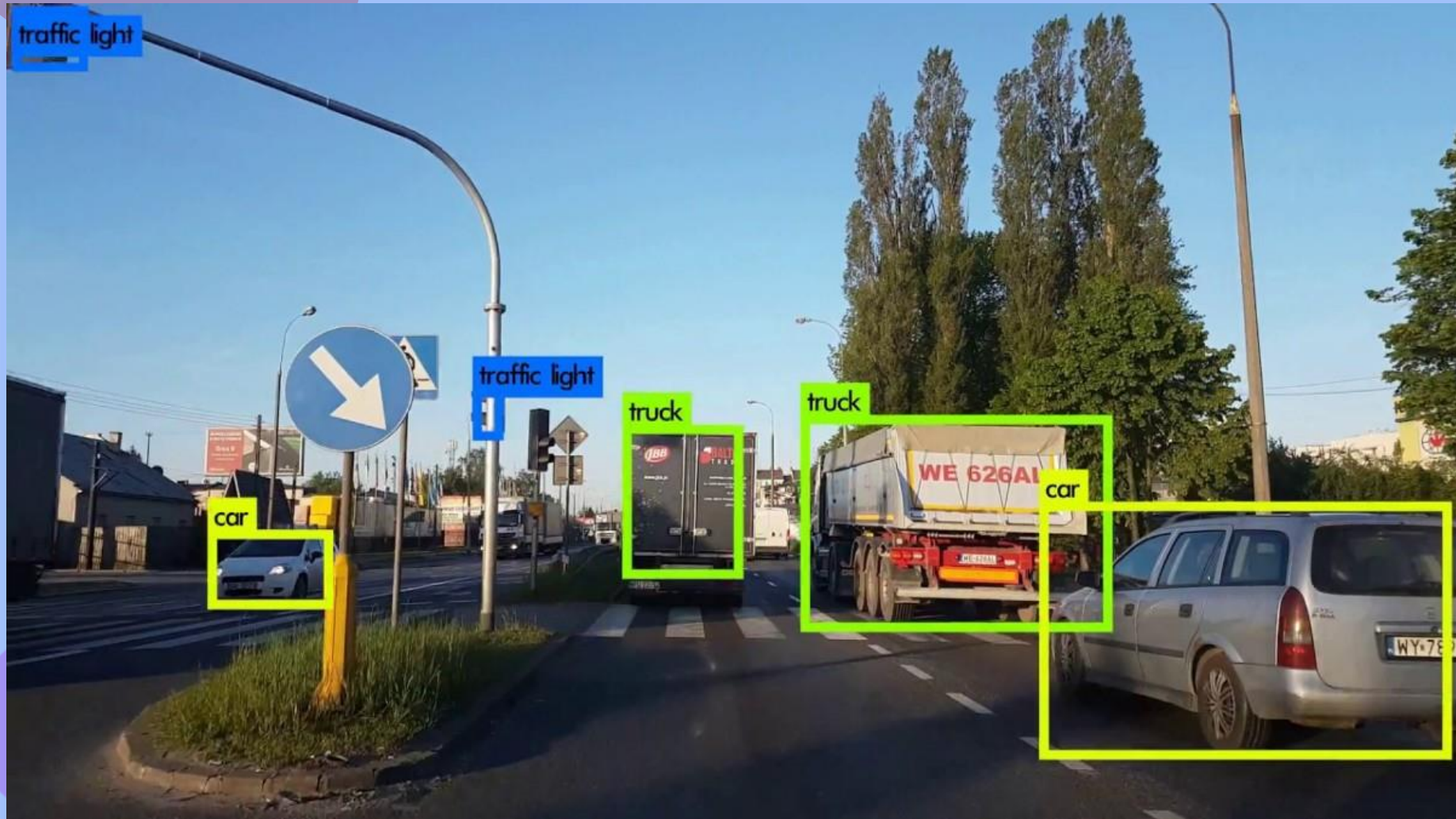
OKE

NO

See you soon, my friend!



Extend “Learning English With Real Life”



Extend “Learning English with real Life”

Coming
soon



Play with words

THANK YOU

