



A3 - W9 Progress Review

Royal Academy

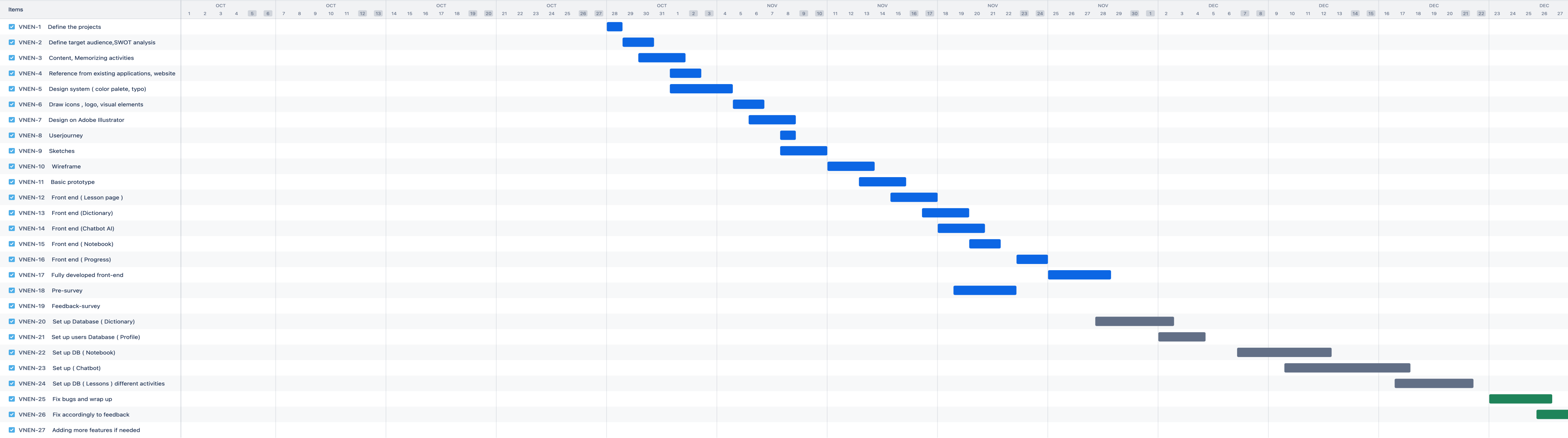


Truong Quynh Anh

S-3978161



Timeline

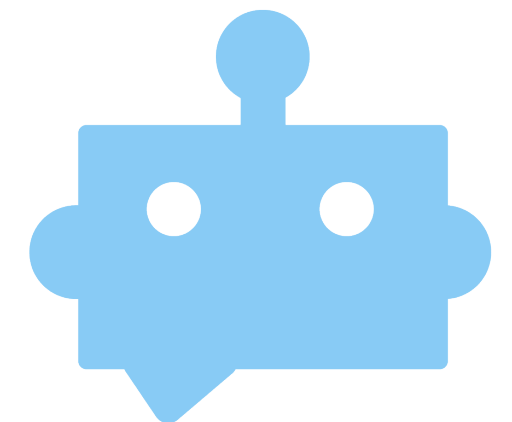
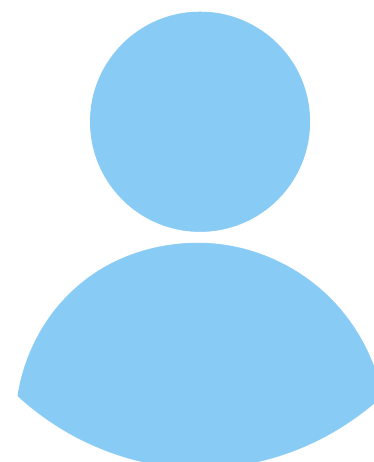
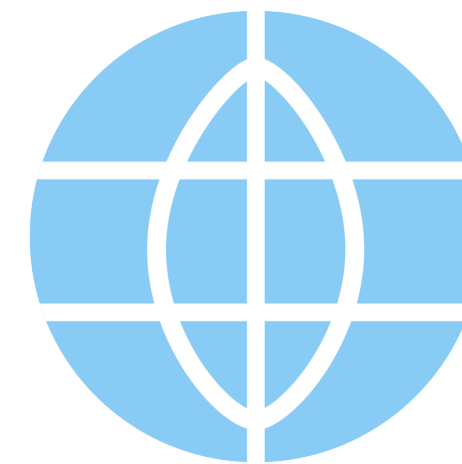




Functions

6 main functions

- **Home:** users will practice depending on given activities which cover various topics.
- **Feed:** users can update news involving in English to learn vocabularies and phrases from daily reading
- **Notebook:** users can save vocabularies and phrases from the dictionary or add their own words and phrases to their note book and re-view using flashcards.
- **Chatbot:** users can use AI to ask any questions involving in English
- **Profile:** users can update their profile including gmail, password, learning goal and volume.
- **Progress:** users can keep track on their learning progress and even their friends' progress.





Design

Layout



Sign In

Email:

Password:

Sign In

Don't have an account? Sign up



Sign Up

Username:

Email:

Password:

Sign Up

Already have an account? Sign in



Search for a word...

Search

My notebooks 

unit4

unit3

Professional Topics

Business

Technolog





Profile Settings

Username:

Quynh Anh

Password:

Change Password

Gmail:

anne@vinadesign.vn

Volume:

46%

Set Daily Learning Goal:

20 minutes (Super Pro) ▾

Choose Level:

Advanced ▾

Sign Out

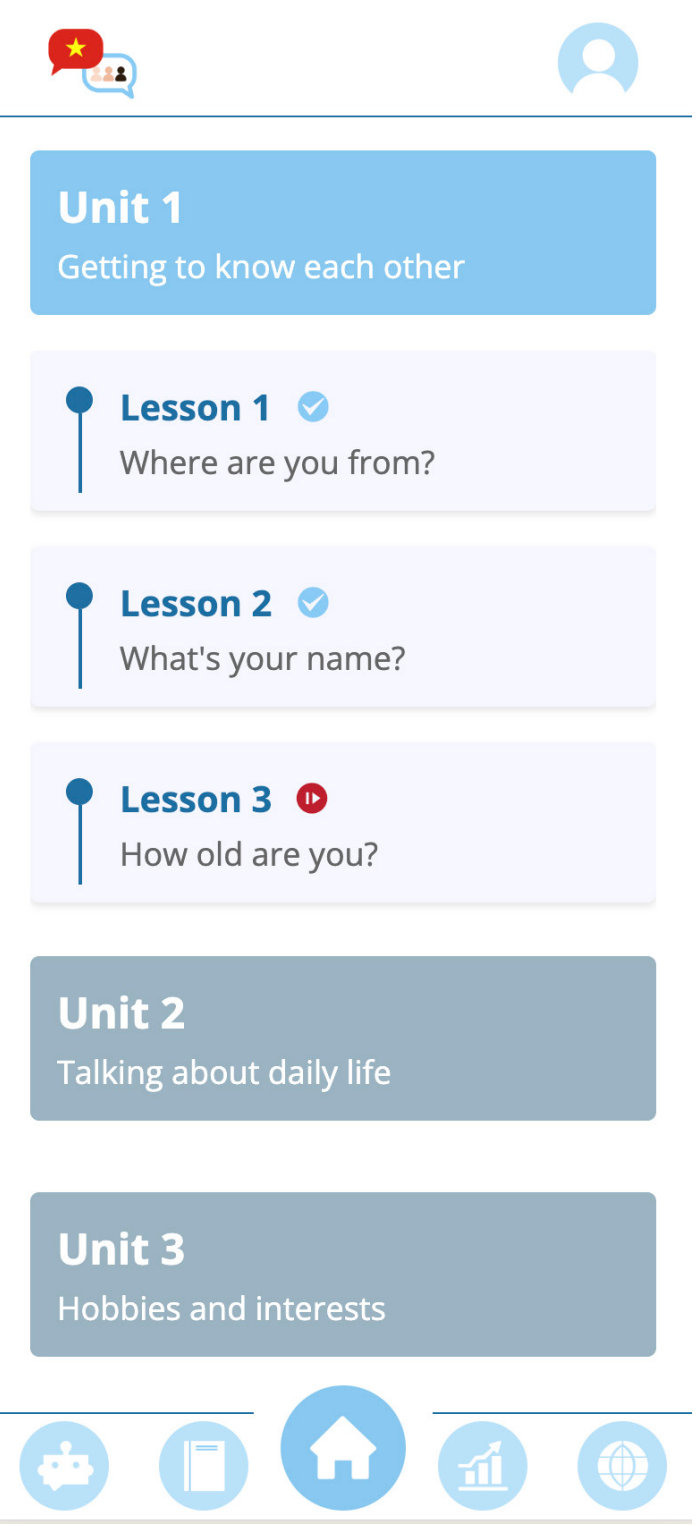
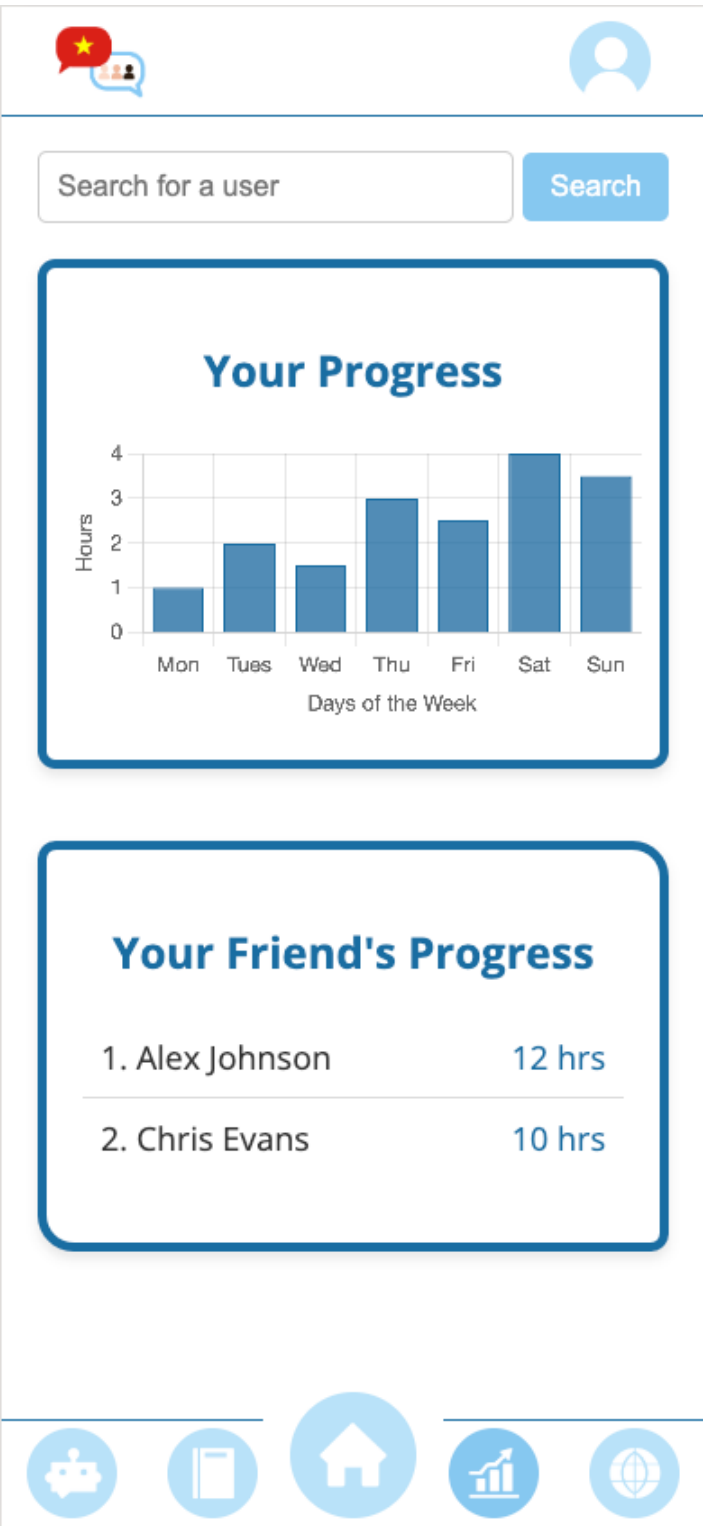
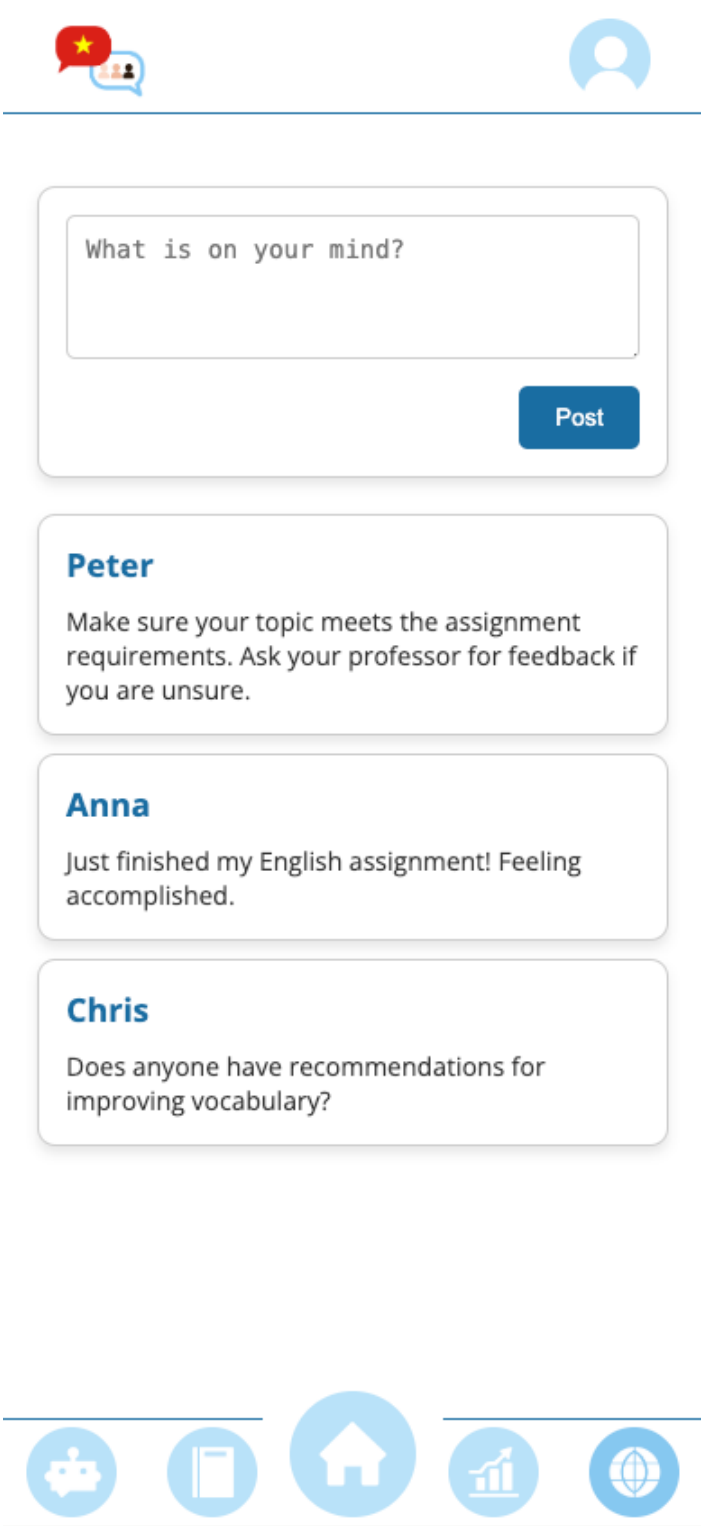
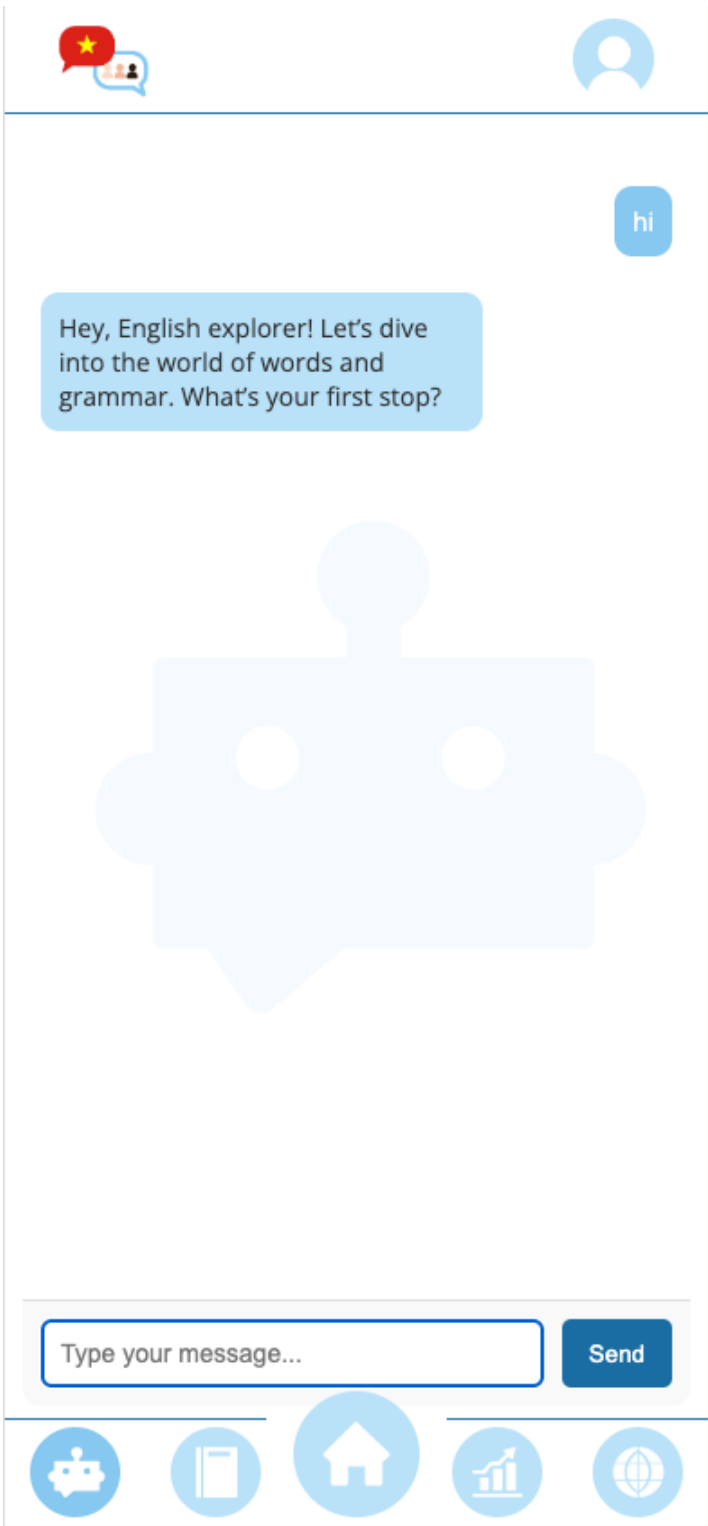
Save Changes





Design

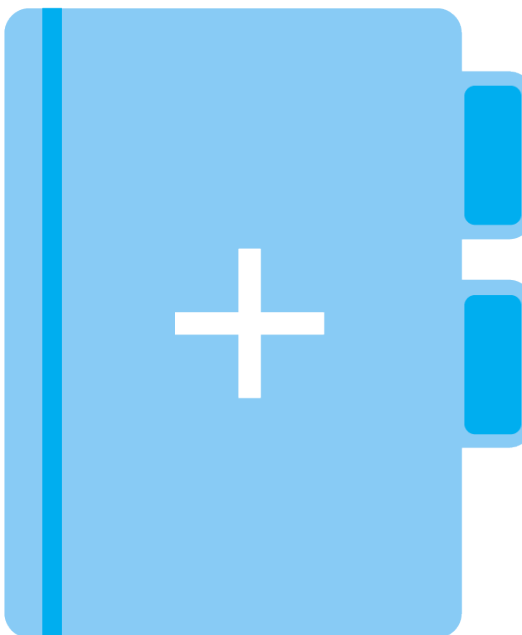
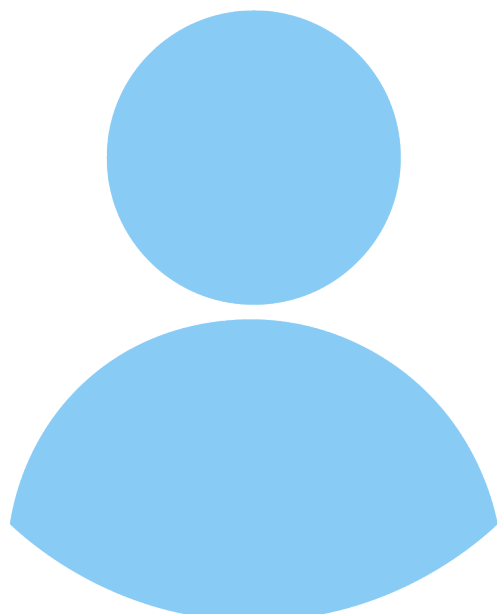
Layout





Design

Icons and popup





Design

Icons and popup

unit3





1.culture: văn hoá



2.preserve: bảo tồn



3.family: gia đình



Add Word

Learn

Create new notebook

Notebook name:

Enter notebook name

Cancel

Create

Add Word

Word/Phrase:

IPA (optional):

Meaning:

culture
/IPA/

x



Design

Iteration

Search for a word...

Search

Unit 1

Getting to know each other

Lesson 1

Where are you from?

Lesson 2

What's your name?

Lesson 3

How old are you?

Unit 2

Talking about daily life

Lesson 1

What time do you wake up?

Lesson 2

What do you usually eat for breakfast?

Unit 1

Getting to know each other

Lesson 1

Where are you from?

Lesson 2

What's your name?

Lesson 3

How old are you?

Unit 2

Talking about daily life

Unit 3

Hobbies and interests

Search for a word...

Search

Great Job!

You have learnt 12 words today.

12

Manage Folders

Select a folder

Create New Folder

Recently Added

homiekiss

Professional Topics

BusinessTechnologySci

Search for a word...

Search

My notebooks

unit4unit3

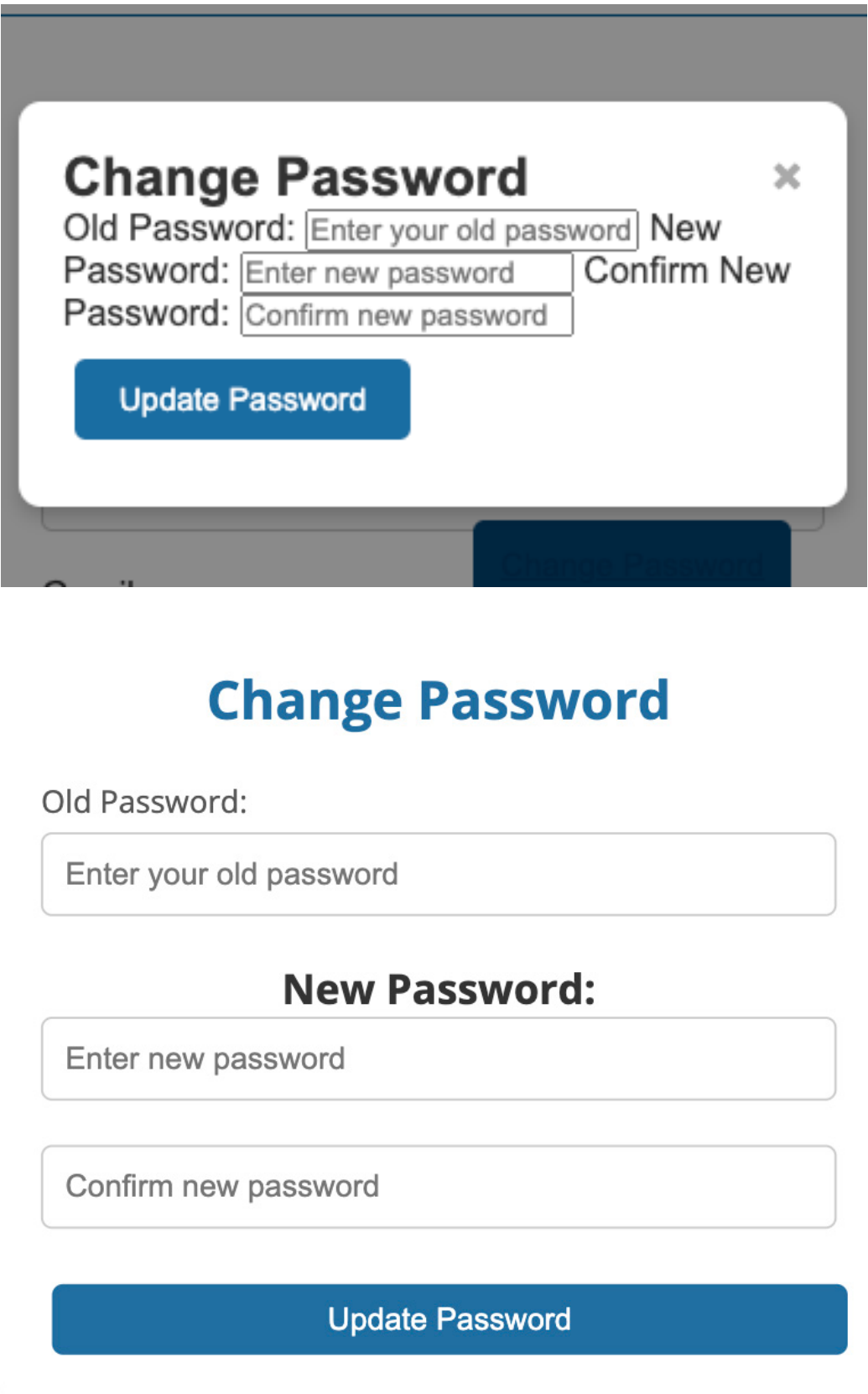
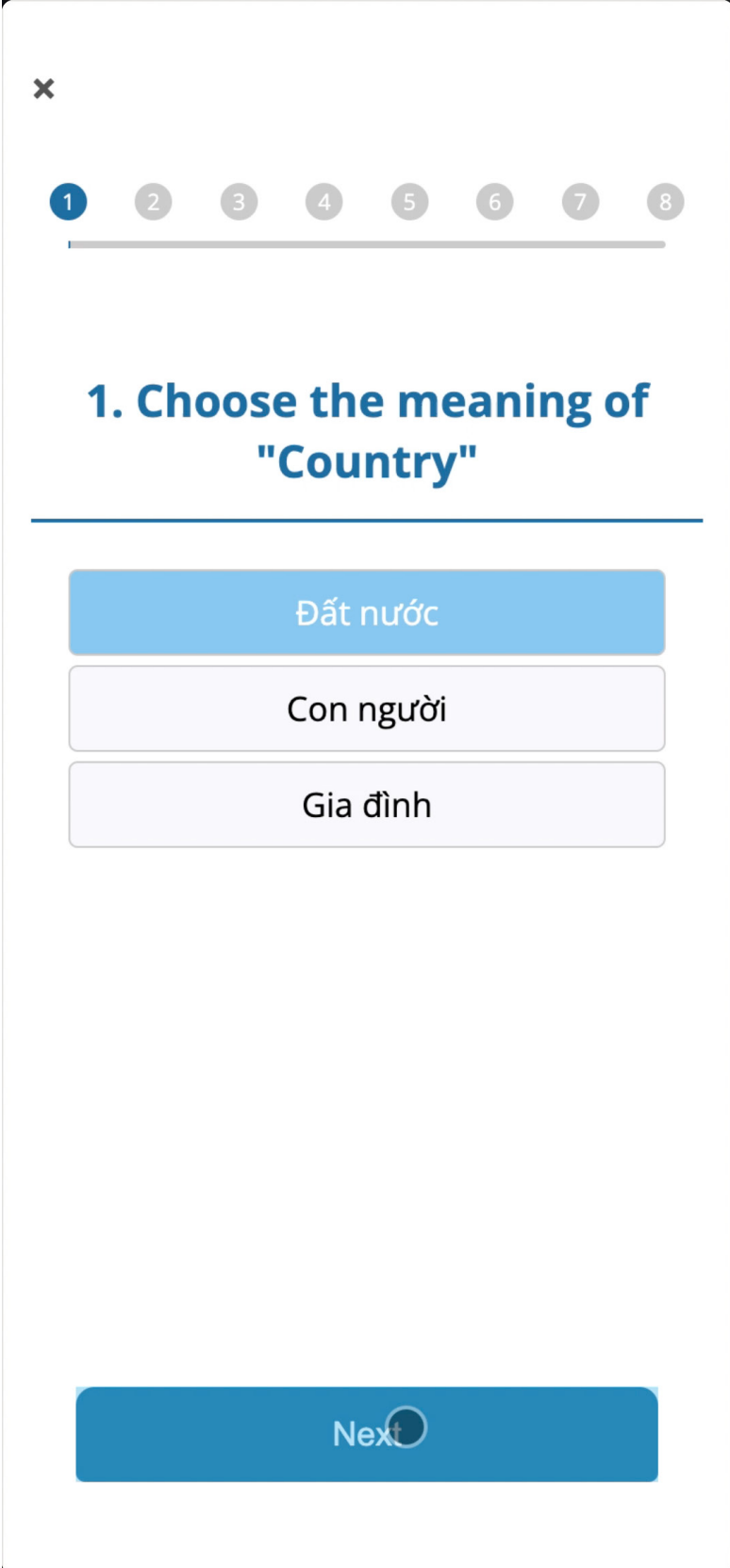
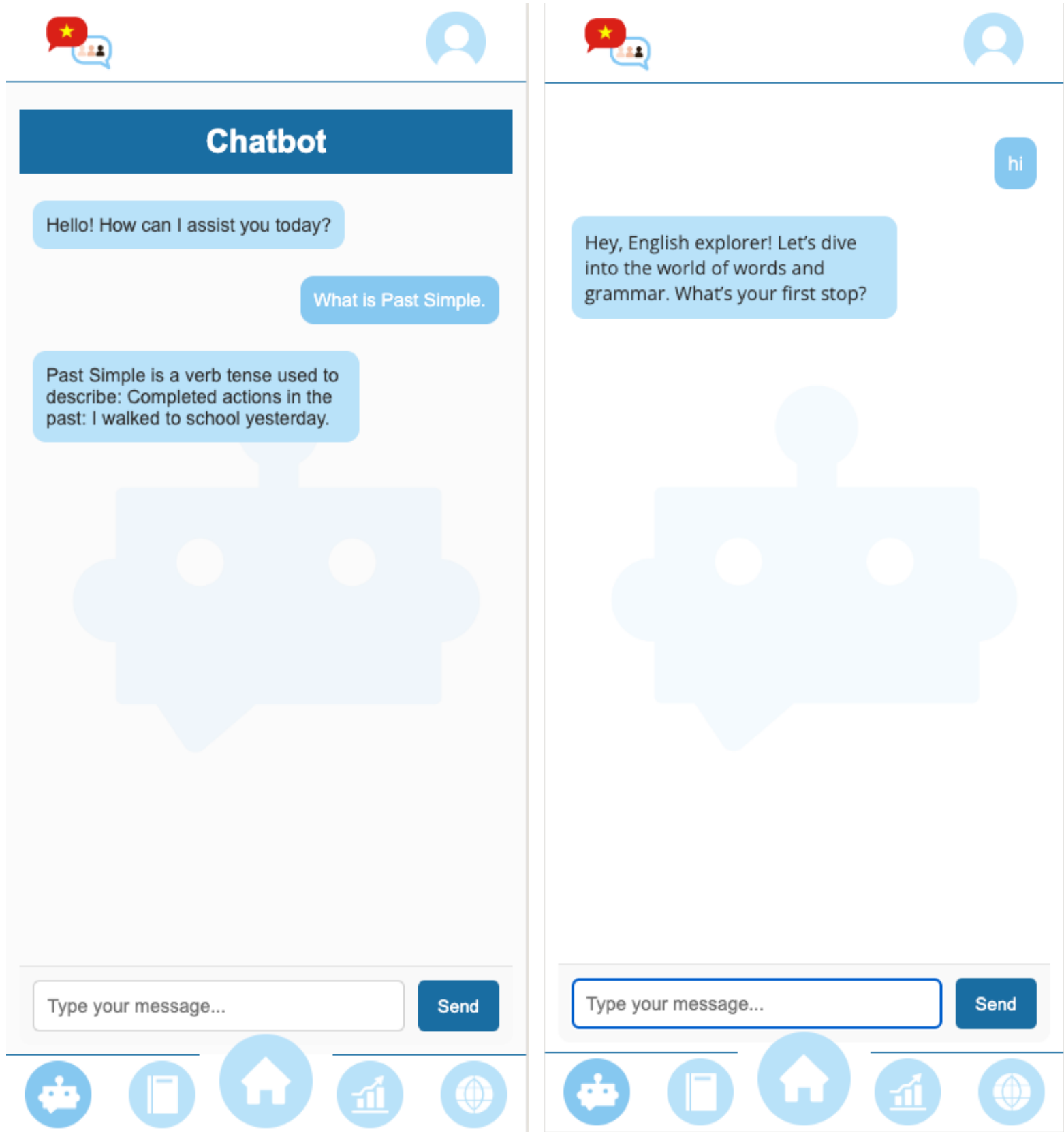
Professional Topics

BusinessTechnolog



Design

Iteration





Code

Sign in and profile

- Users can sign in with registered email in sign up section
- Ensure users can now adjust their account password, gmail, volumn, goals, username



Sign In

Email:

Password:

Sign In

Don't have an account? Sign up



Sign Up

Username:

Email:

Password:

Sign Up

Already have an account? Sign in



Profile Settings

Username:

Password:

Change Password

Gmail:

Volume:

72%

Set Daily Learning Goal:

15 minutes (Pro) ▾

Choose Level:

Intermediate ▾

Sign OutSave Changes





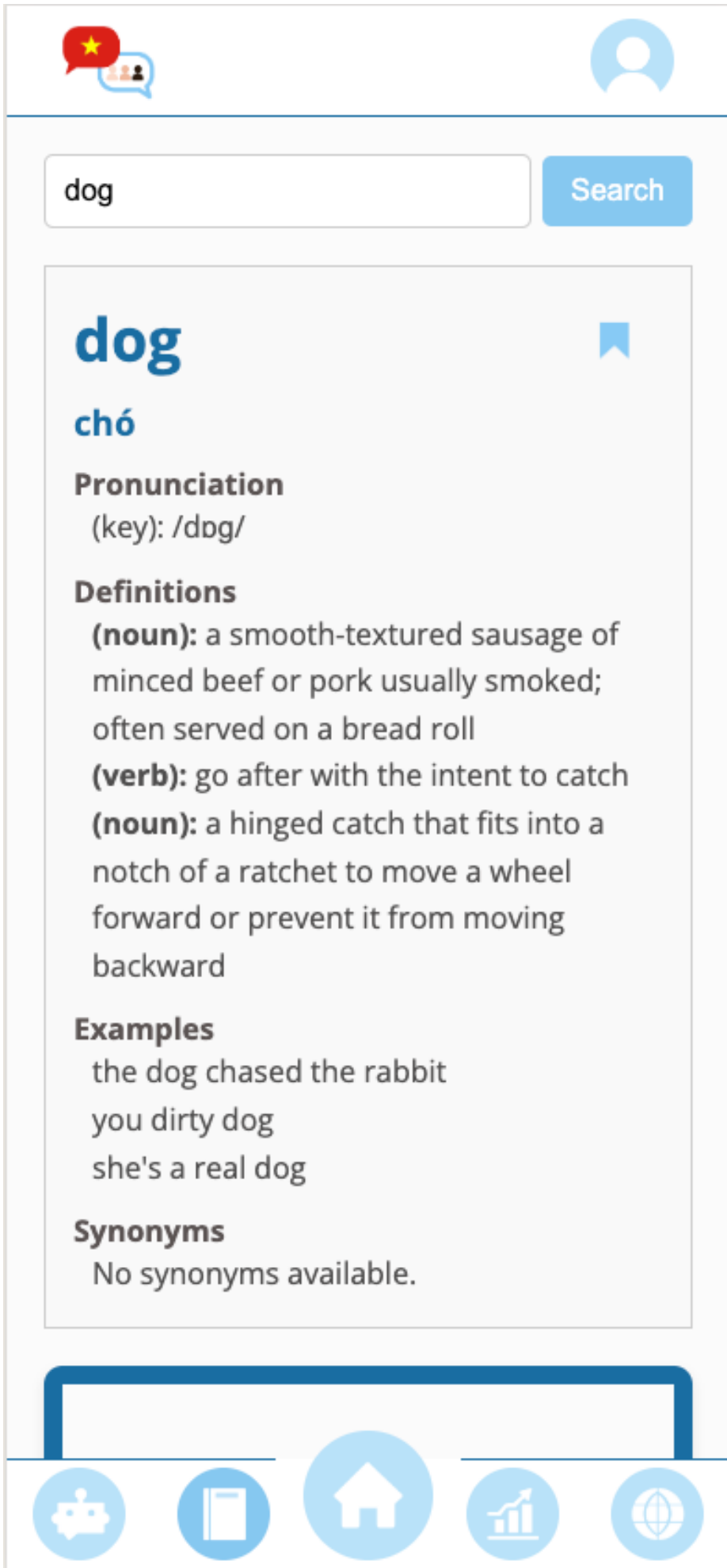
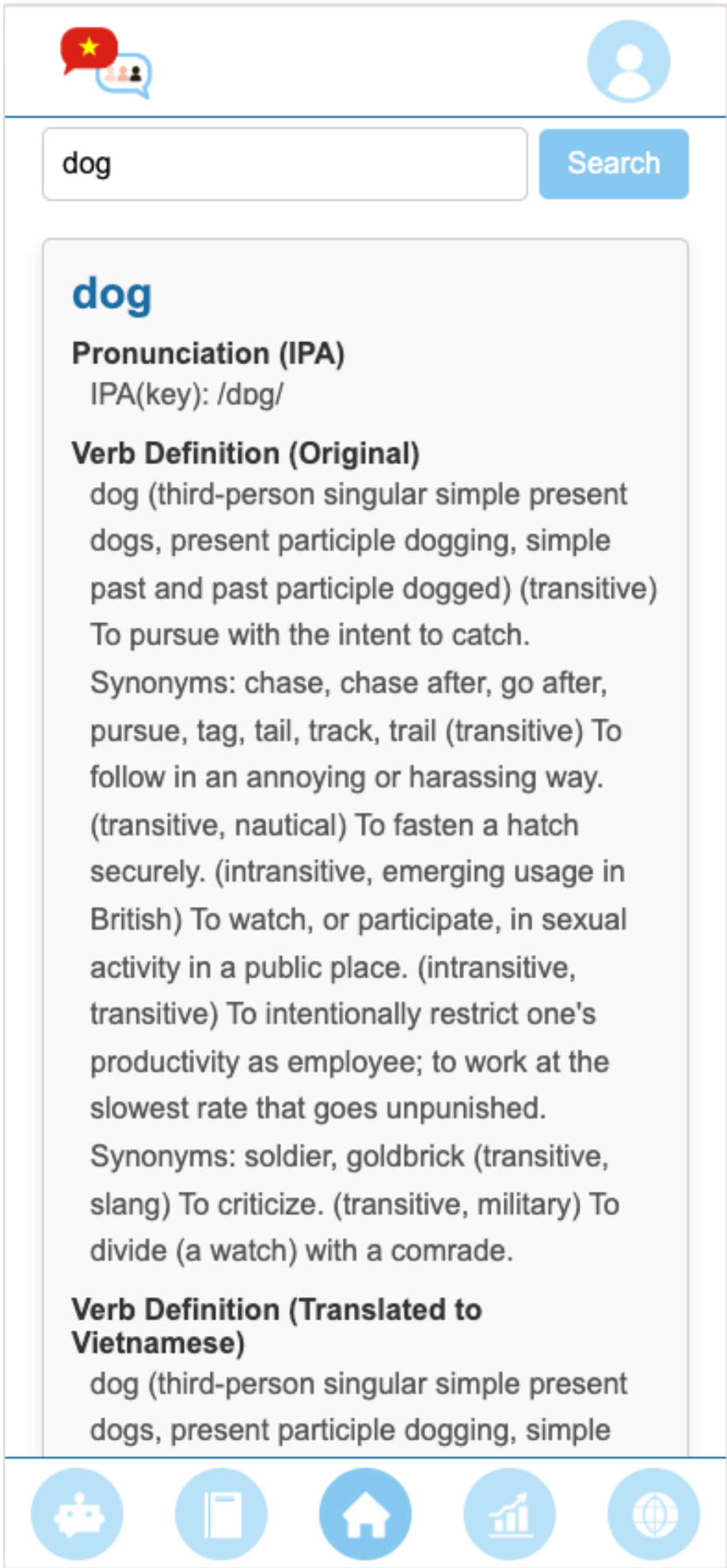
Code

Change API

- *Translation:* Goodgle translation [link](#)
- *IPA:* Wicktionary [link](#)
- *Sentence examples, synonyms:* WordsAPI [link](#)

Notebook feature

- Users can save words and meaning into different folders and reopen folders to see word list and learn using flashcards.





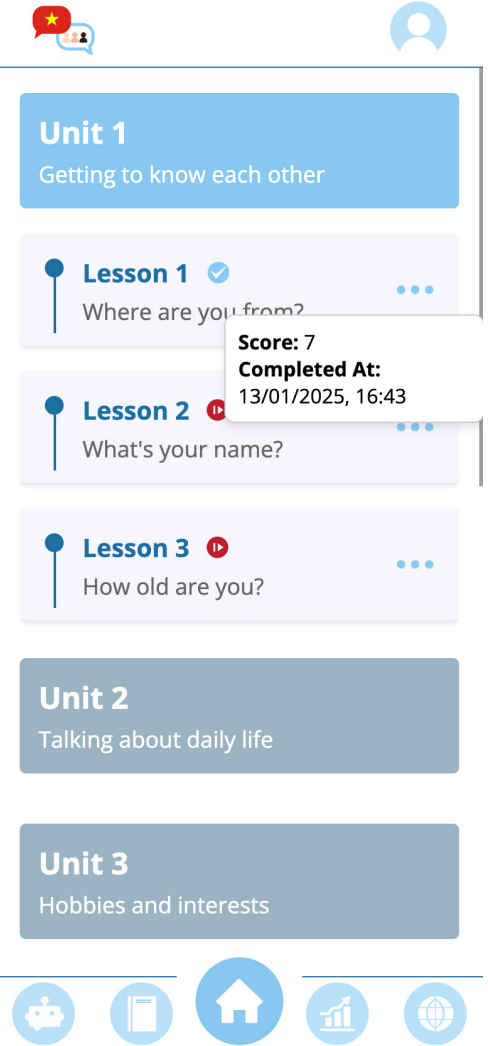
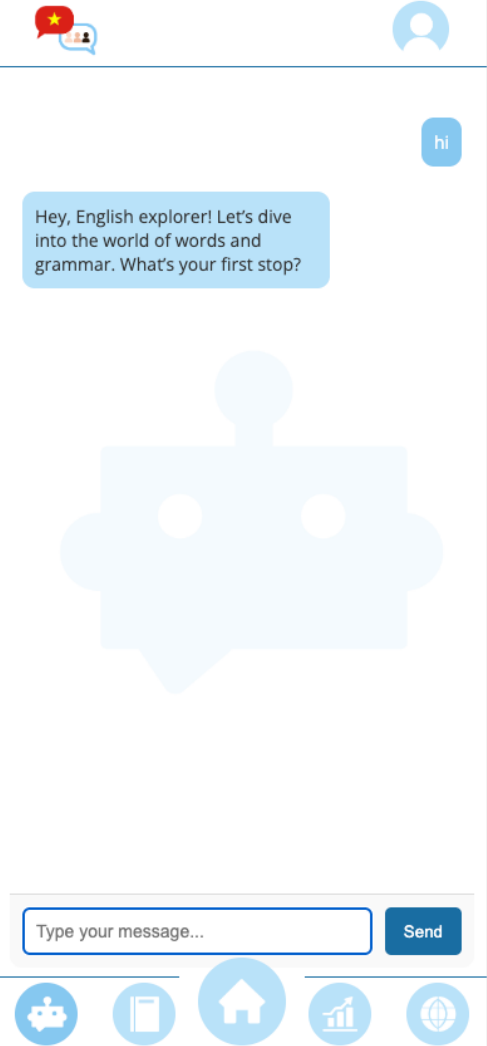
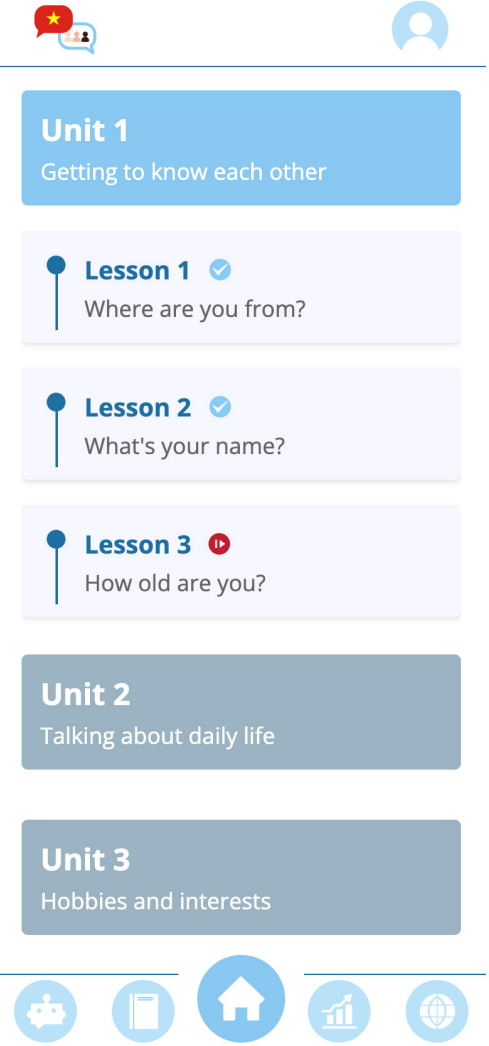
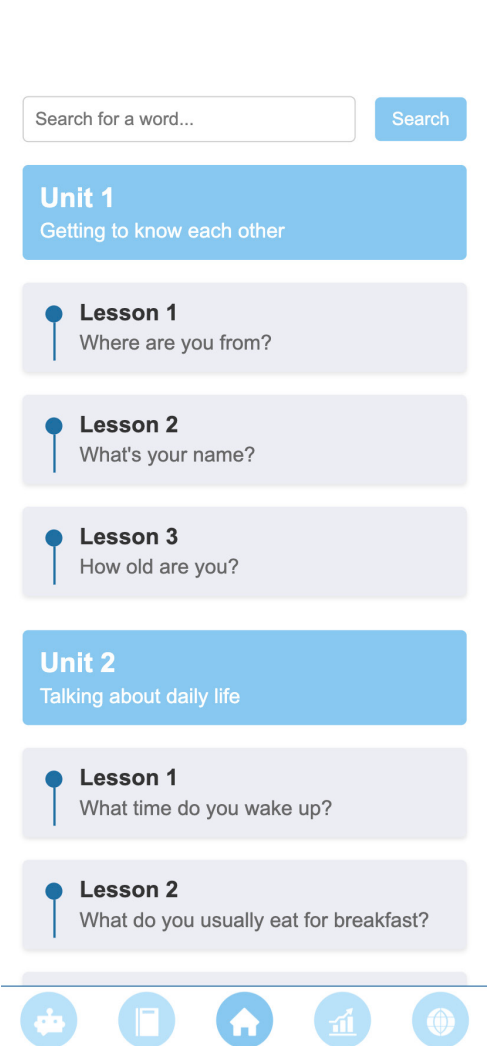
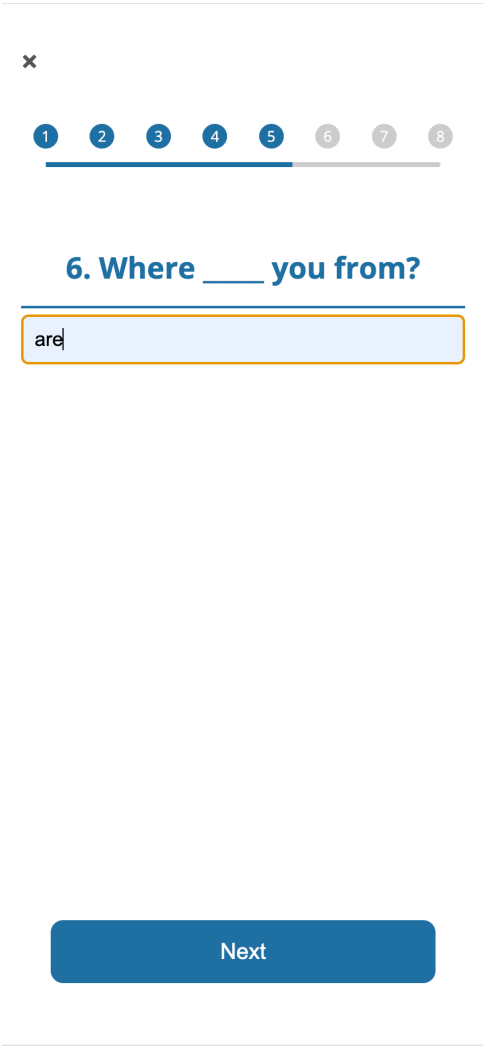
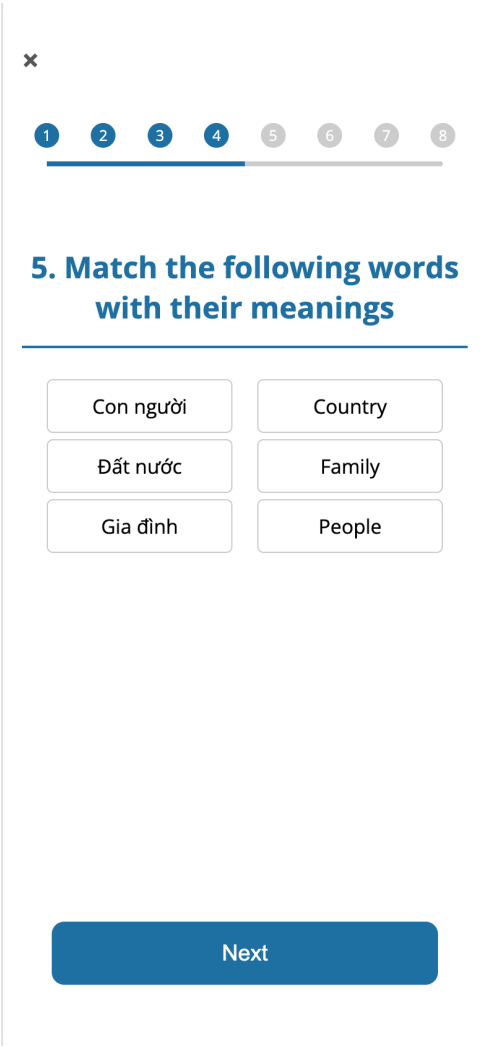
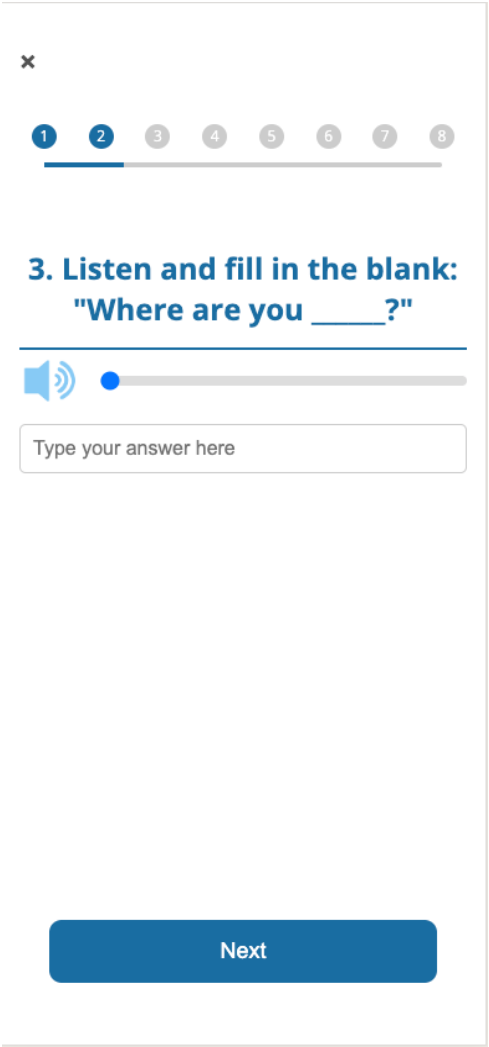
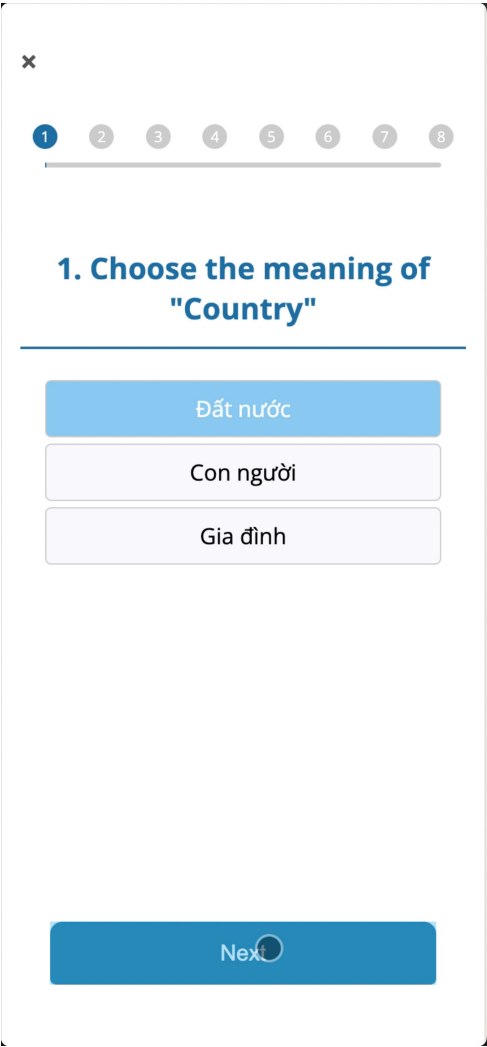
Code

Types of questions for practice

- Muiltple choice
- Listen and fill in the blank
- Matching
- Save scores, status and progress of each lesson

Chatbot implementation

- *Chatbot platform*: Diagflow Google
- *Free tier* : unlimited users, basic features





Survey questions

- Satisfied with the interface and features of the software (Rate 1-5).
- In your opinion, how suitable and useful is this software for you (Rate 1-5).
- What benefits does the website bring you (Multiple options)?
- Evaluate the functionality and appearance of the each page (Rate 1-5).
- Is there a function that makes you feel confused (Type in answers)?
- Are there any features you would like us to add to enhance your website experience (Type in answers)?
- Do you think you will use this browser for your English learning (Yes/No)?
- How much are you willing to pay monthly for this website (Fee range)?



Survey results

- The average rating for the software's usefulness and suitability is 4.2 stars.
- The average rating for user satisfaction with the interface is 4.0 stars.
- Most users consider the notebook function and interface to be the best features.
- Desired features based on user feedback include:
 - A personalized learning path.
 - Improved chatbot functionality.
- 81.3% of users are willing to use the website once fully developed.
- 93% of users prefer the website to remain free.



Demo videos



Click here!



Demo website

Not all features are working



Click here!



References

- Correct audio: Sound Effect by chrisiex1 from Pixabay
Sound Effect by https://pixabay.com/users/chrisiex1-38081926/?utm_source=link-attribution&utm_medium=referral&utm_campaign=music&utm_content=156911”>chrisiex1 from https://pixabay.com//?utm_source=link-attribution&utm_medium=referral&utm_campaign=music&utm_content=156911”>Pixabay
- Wrong audio: Sound Effect by freesound_community from Pixabay
Sound Effect by https://pixabay.com/users/freesound_community-46691455/?utm_source=link-attribution&utm_medium=referral&utm_campaign=music&utm_content=47985”>free-sound_community from https://pixabay.com/sound-effects//?utm_source=link-attribution&utm_medium=referral&utm_campaign=music&utm_content=47985”>Pixabay
- Link to code : <https://github.com/AnneQuynhAnh/RoyalAcademy>