

## CSC13118 – Phát triển ứng dụng cho thiết bị di động nâng cao

### BÁO CÁO CUỐI KỲ

#### I. Thông tin sinh viên

MSSV	19127576
Họ tên:	Phạm Đoàn Tiến
Email	<a href="mailto:zzmanhtienzz@gmail.com">zzmanhtienzz@gmail.com</a>

#### II. Điểm tự đánh giá

12/10

#### III. Danh sách chức năng chưa hoàn thành

Đăng kí thành giáo viên -0.25  
Đổi themes dark & white -0.5  
Đếm thời gian của buổi học -0.25

#### IV. Các chức năng bonus

- Ứng dụng được publish trên store +1
- Số lượng người dùng tải ứng dụng +0.25
- Sử dụng Google Analytics/Sentry/Crashlytics... +0.5
- Cấu hình CI/CD cho project +0.5
- Notification +0.5

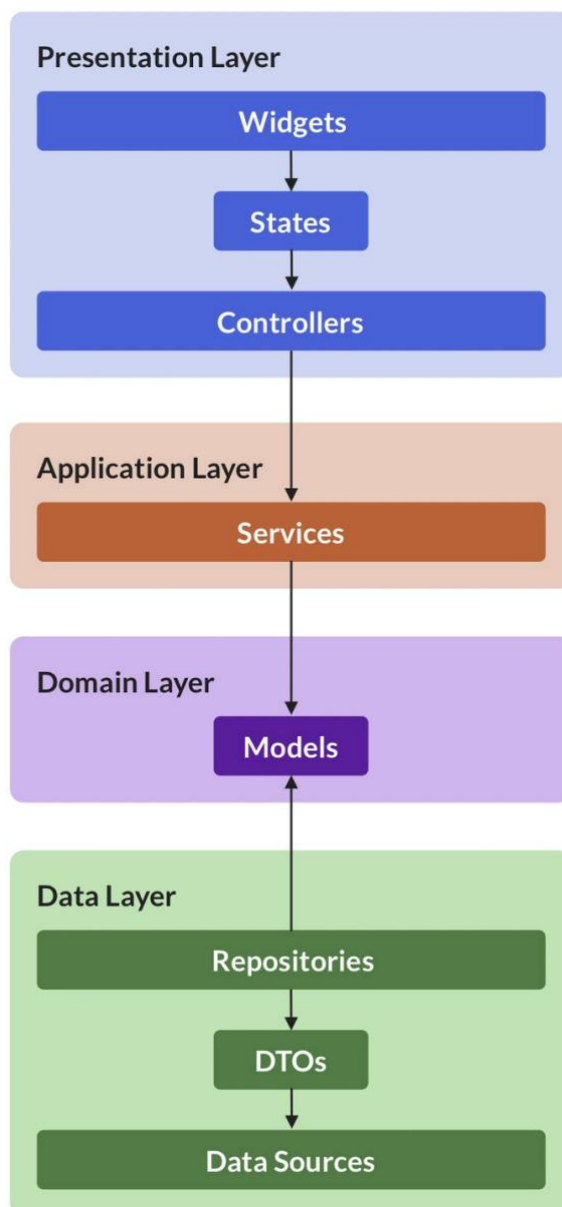
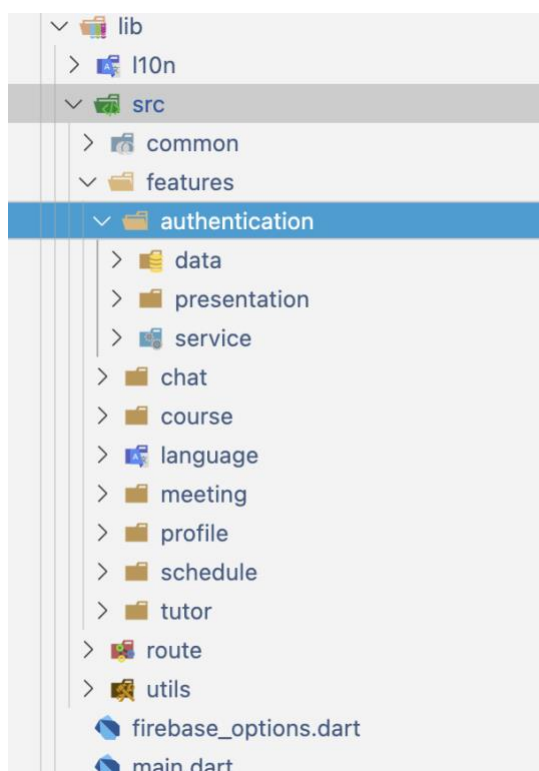
#### V. Link youtube/video/Unity Play

- <https://www.youtube.com/watch?v=mM-8DnjOYoQ>

#### VI. Link source code (Google Drive)

- <https://github.com/NEITGNART/Not-LetTutor>
- <https://drive.google.com/drive/folders/19BWZym5GmV9MFoY3722UOBwZCSOYHzFO?usp=sharing>

#### VII. Folder source code



Tổ chức các tính năng theo dạng feature-first.

## VIII. Màn hình danh sách chức năng hoàn thành

### Màn hình đăng nhập



## Say hello to your English tutors

EMAIL

student@lettutor.com

PASSWORD

123456

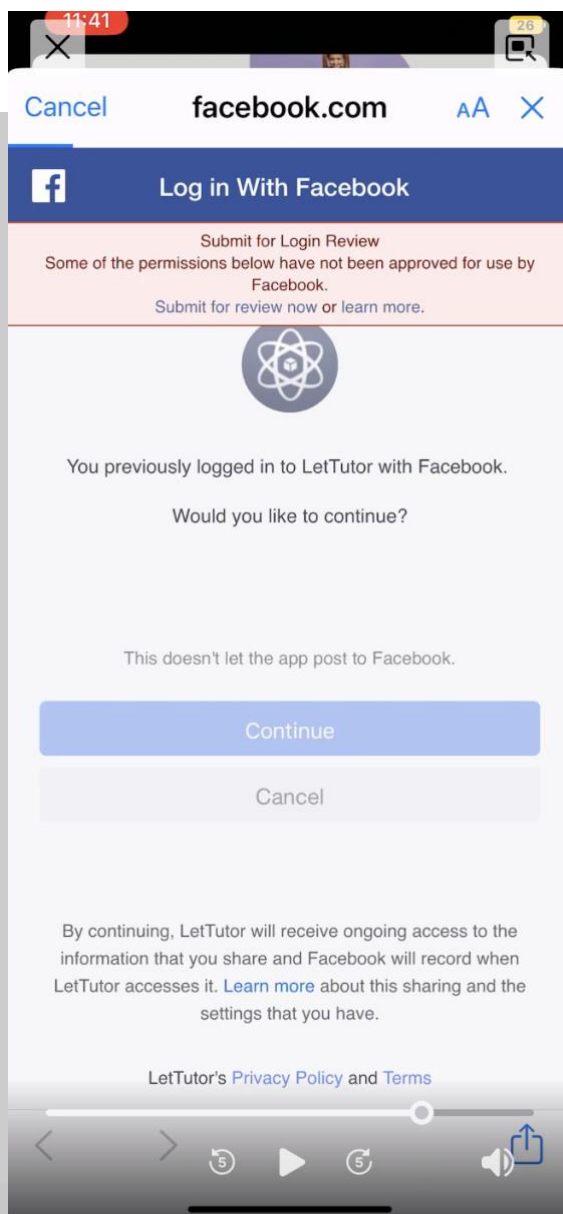
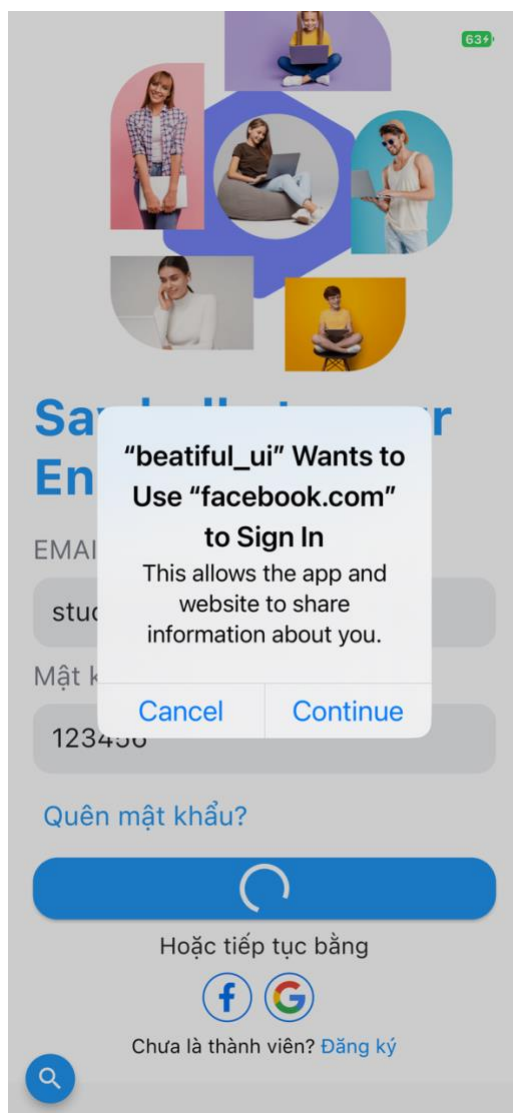
[Forgot Password?](#)

LOG IN

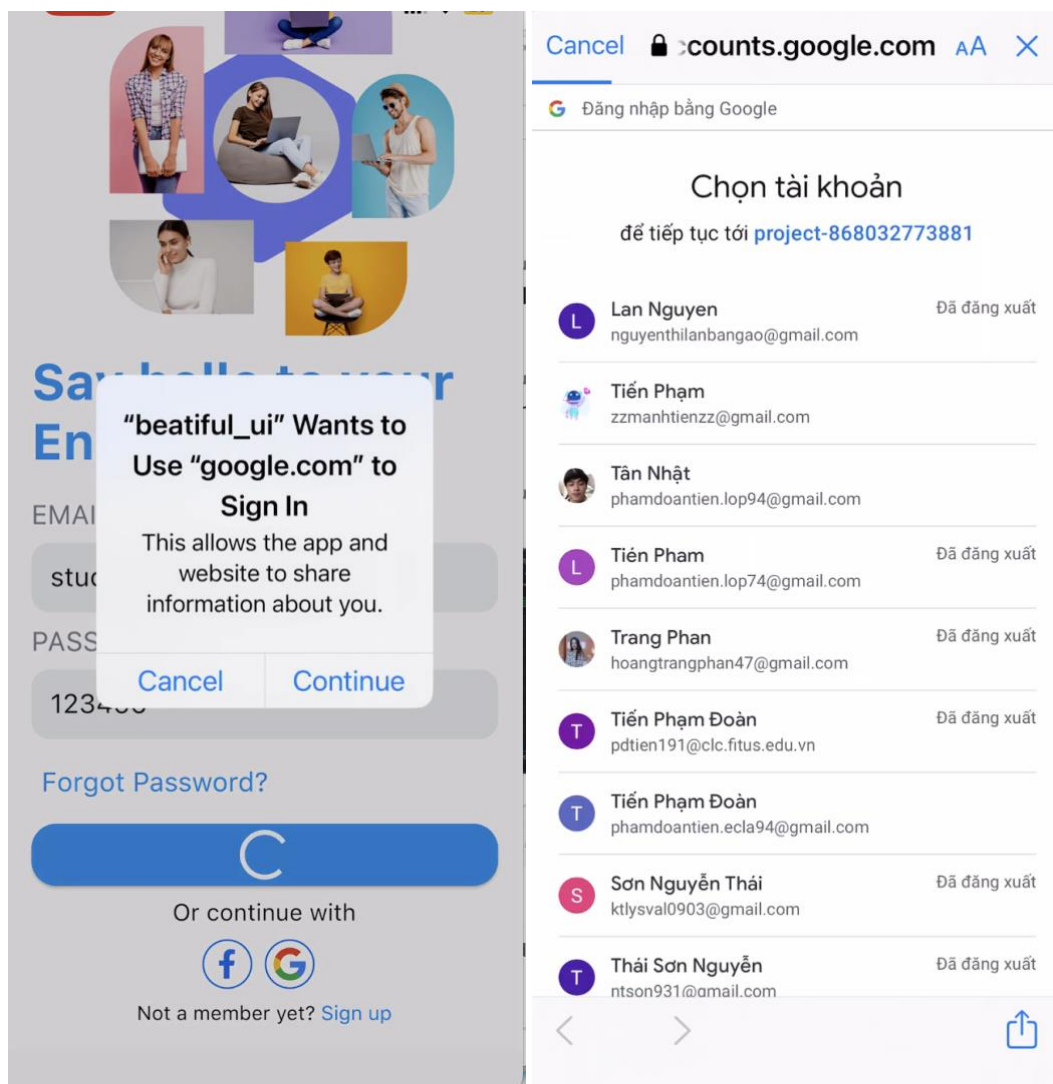
Or continue with



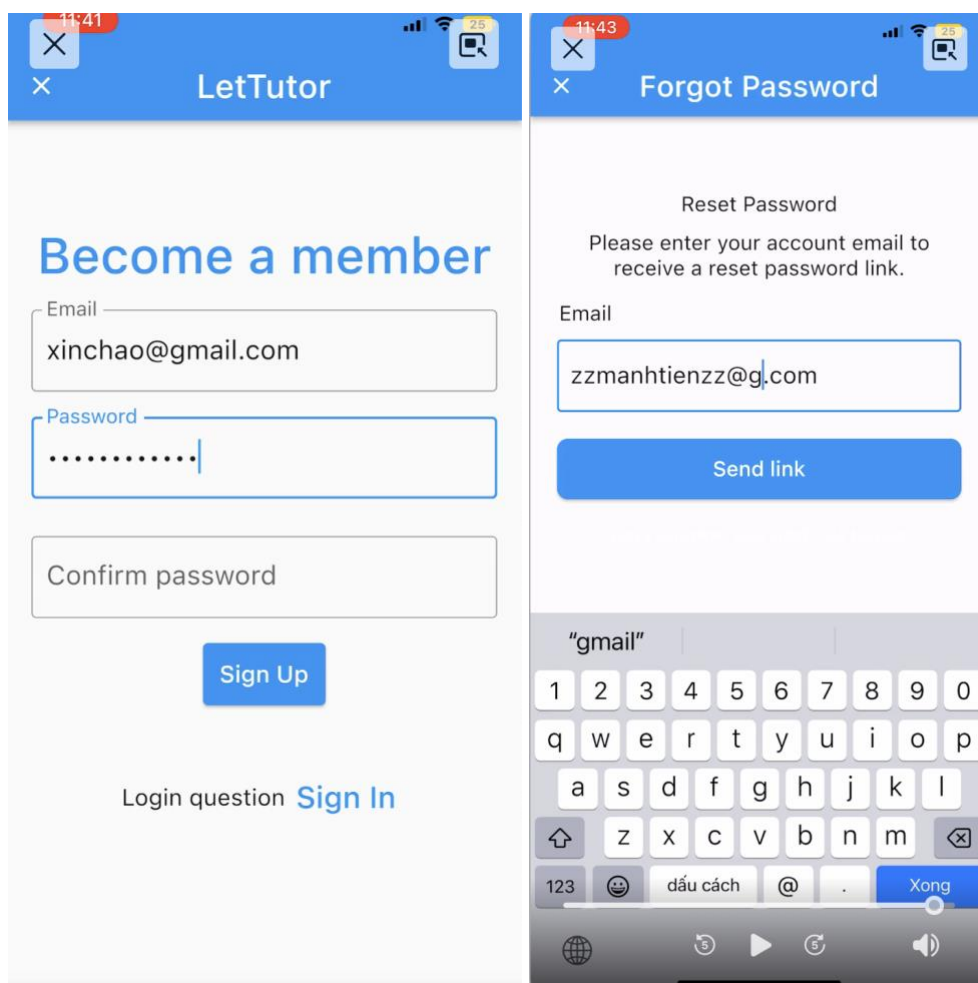
Đăng nhập với Facebook



Đăng nhập với Google



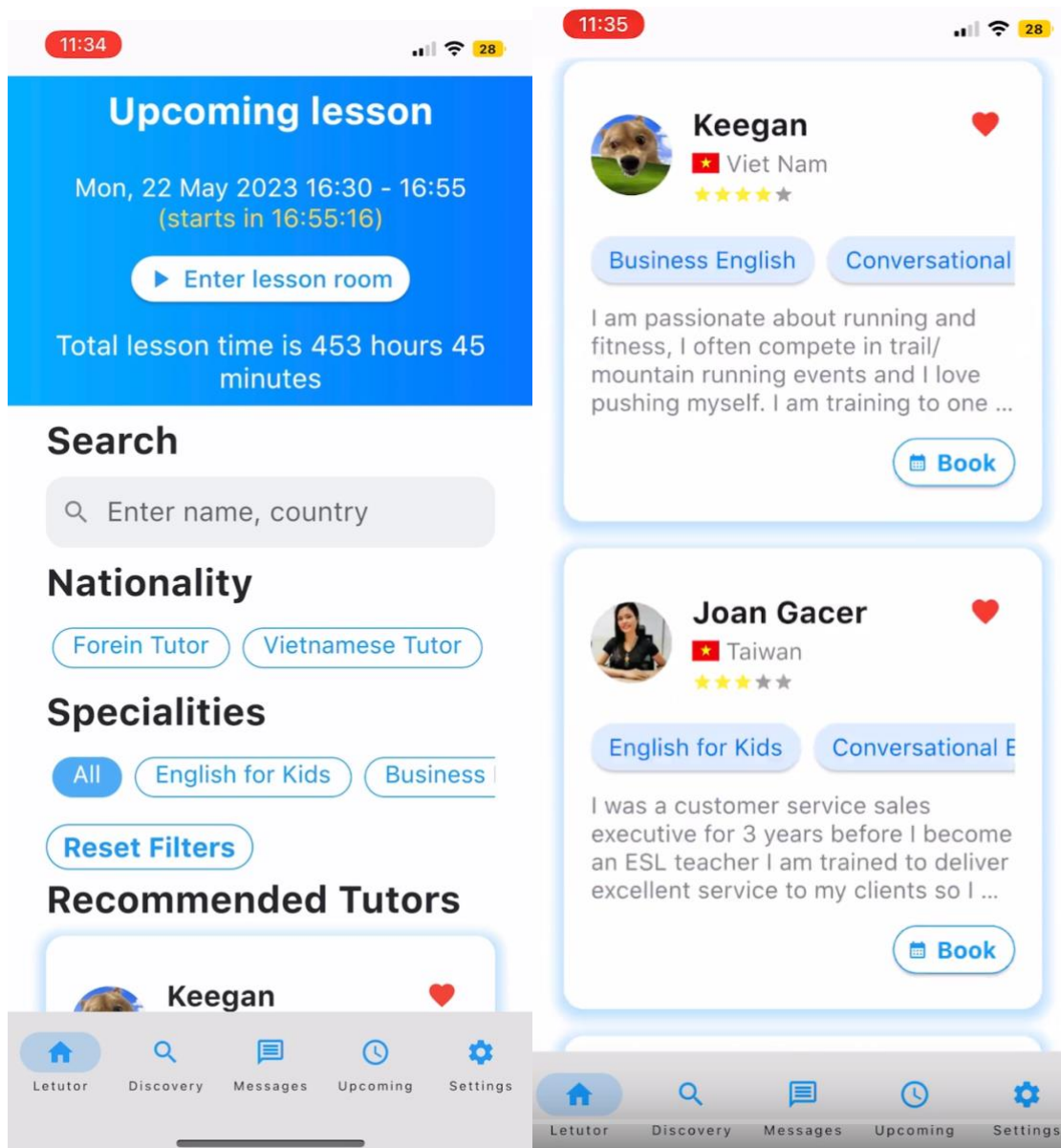
## Tạo tài khoản



The image displays two screenshots of a mobile application interface. The left screenshot, titled 'LetTutor', shows a 'Become a member' sign-up screen. It includes input fields for 'Email' (containing 'xinchao@gmail.com'), 'Password' (masked with dots), and 'Confirm password'. A blue 'Sign Up' button is at the bottom, along with a 'Login question' link and a blue 'Sign In' button. The right screenshot, titled 'Forgot Password', shows a 'Reset Password' screen. It prompts the user to 'Please enter your account email to receive a reset password link.' with an 'Email' input field containing 'zzmanhtienzz@gmail.com'. A blue 'Send link' button is below the input field. A virtual keyboard is visible at the bottom of the right screenshot.

**Màn hình tìm kiếm giáo viên**





Màn hình chi tiết giáo viên



**Keegan**

★★★★★ 113

🇻🇳 Viet Nam

I am passionate about running and fitness, I often compete in trail/mountain running events and I love pushing myself. I am training to one day take part in ultra-endurance events. I also enjoy watching rugby on the weekends, reading and watching podcasts on Youtube. My most memorable life experience would be living in and traveling around Southeast Asia.



Favorite



Report



Review

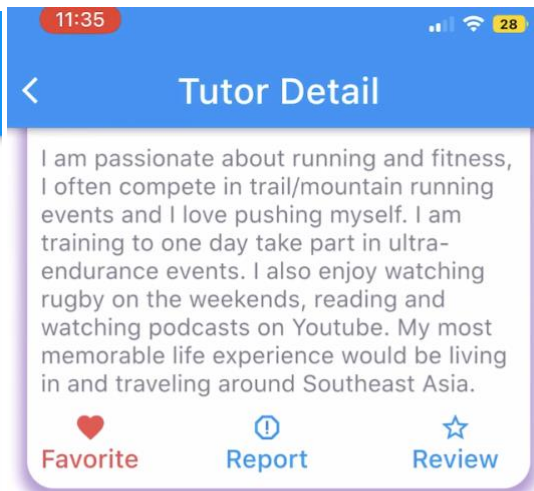
## Languages

English

Vietnamese



Báo cáo giáo viên



I am passionate about running and fitness, I often compete in trail/mountain running events and I love pushing myself. I am training to one day take part in ultra-endurance events. I also enjoy watching rugby on the weekends, reading and watching podcasts on Youtube. My most memorable life experience would be living in and traveling around Southeast Asia.



Favorite



Report



Review

## Languages

English

Vietnamese

## Specialties

Business English

Conversational English

## Suggested Courses

Basic Conversation Topics: [Link](#)

Life in the Internet Age: [Link](#)

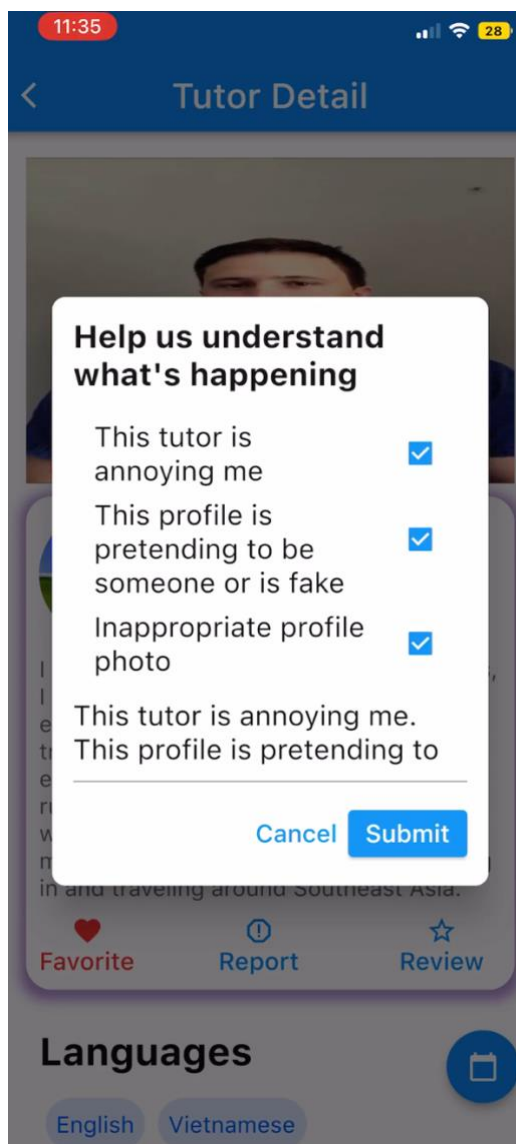
## Interests

I loved the weather, the scenery and the laid-back lifestyle of the locals.

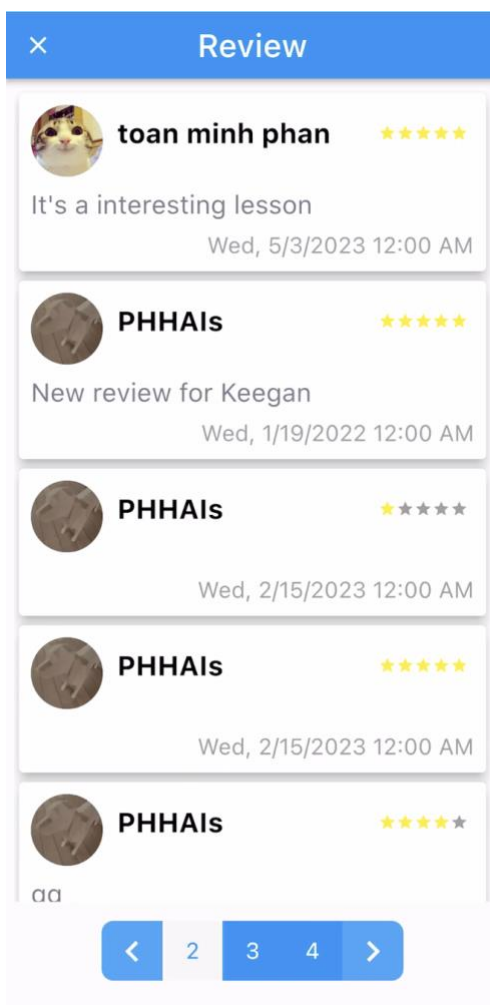


## Teaching Experience

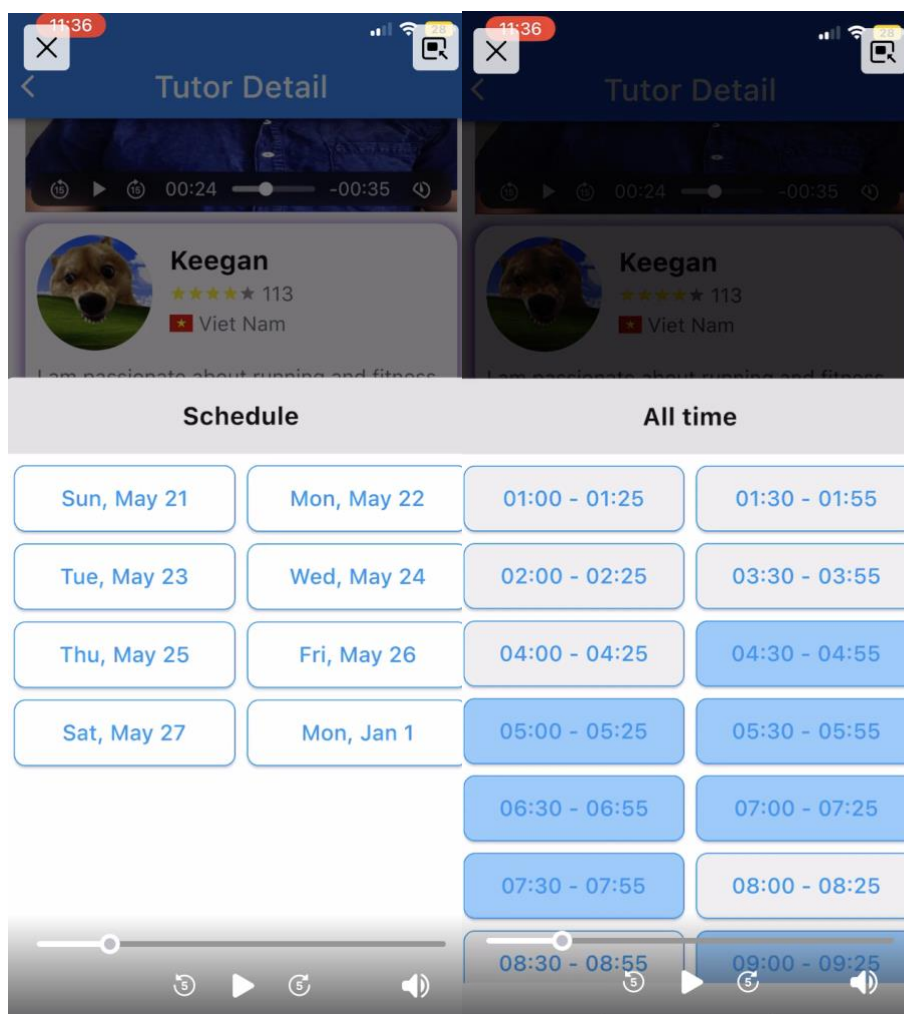


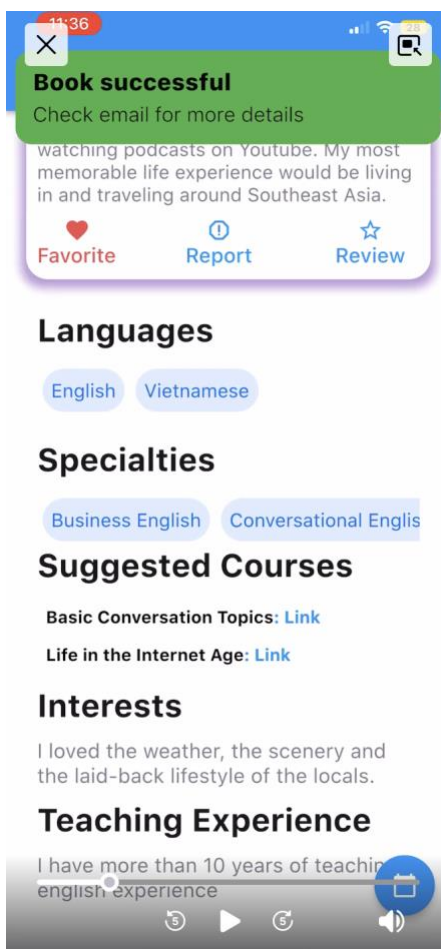


**Màn hình xem đánh giá giáo viên**



Màn hình đặt lịch hẹn





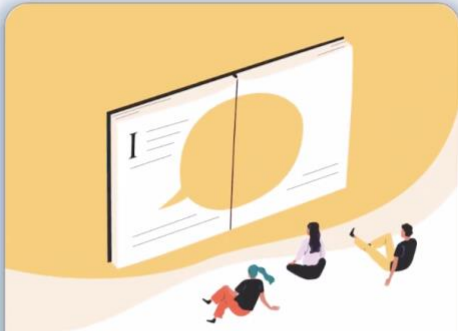
**Xem danh sách giáo trình**





11:36 27

←



## IELTS Speaking Part 1

Practice answering Part 1 questions from past years' IELTS exams

Discovery

### Overview

**? What you'll learn**  
Feeling confident answering Part 1 questions will help you get off to a strong start on your IELTS speaking exam.

**? What will you be able to do**  
You'll practice giving strong answers in Part 1, with tips and tricks recommended by real IELTS examiners.

11:36 27

← **Detail Course**

## Course Length

Keegan

## List topics

0. **Holidays and Vacations**
1. **Technology**
2. **Food and Restaurants**
3. **Friends**
4. **Nature and Environment**
- 5.

11:36 PDF

**Lesson Overview**  
What we'll cover

1. IELTS exam overview
2. Key vocabulary
3. Examiner Insights
4. Mock part 3 questions
5. Feedback and corrections
6. Sample band 8 answer
7. Additional activities

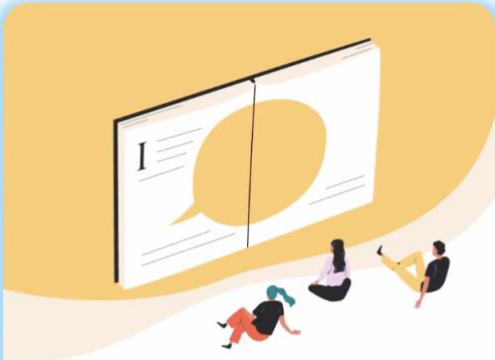
**The IELTS rubric**

	FLUENCY & COHERENCE (25%)	LEXICAL RESOURCE (25%)	GRAMMAR RANGE & ACCURACY (25%)	PRONUNCIATION & INTONATION (25%)
9	Very natural pauses, as native	Flawless; specialized vocabulary	Near 100% accuracy	Effortless to understand
8	Natural pauses, almost as native	Almost flawless; specialized vocabulary	Almost 100% accuracy	Very clear but accent is still identifiable
7	Minor word repetition, some word searching	Mostly accurate	50%+ accuracy	No incoherence at any point
6	Unnatural pauses, word searching, repeated words	Fairly accurate - clear mistakes at points	Less than 50% accuracy	Incoherent at times

**If you are unfamiliar with IELTS...**

**What is IELTS™?**  
The International English Language Testing System, or IELTS™ is an international standardised test of English language proficiency for non-native English language speakers. It is accepted by most academic institutions and immigration authorities in English-speaking countries.

11:36 Lesson



**IELTS Speaking Part 1**  
Practice answering Part 1 questions from past years' IELTS exams

**List Topics**


0. Holidays and Vacations
1. Technology

Tìm kiếm giáo trình

Course E-book Interactive Ebook

Search Course

Select level +1 Categories Sort by



### IELTS Speaking Part 1

Practice answering Part 1 questions from past years' IELTS exams

Select level

Any level Beginner High Beginner

Pre-Intermediate Intermediate

Upper-Intermediate Advanced


Proficiency

11:37 27

Course E-book Interactive Ebook

Search Course

Select level +4 English for Traveling



### Movies and Television

Let's discuss our preferences and habits surrounding movies and television shows

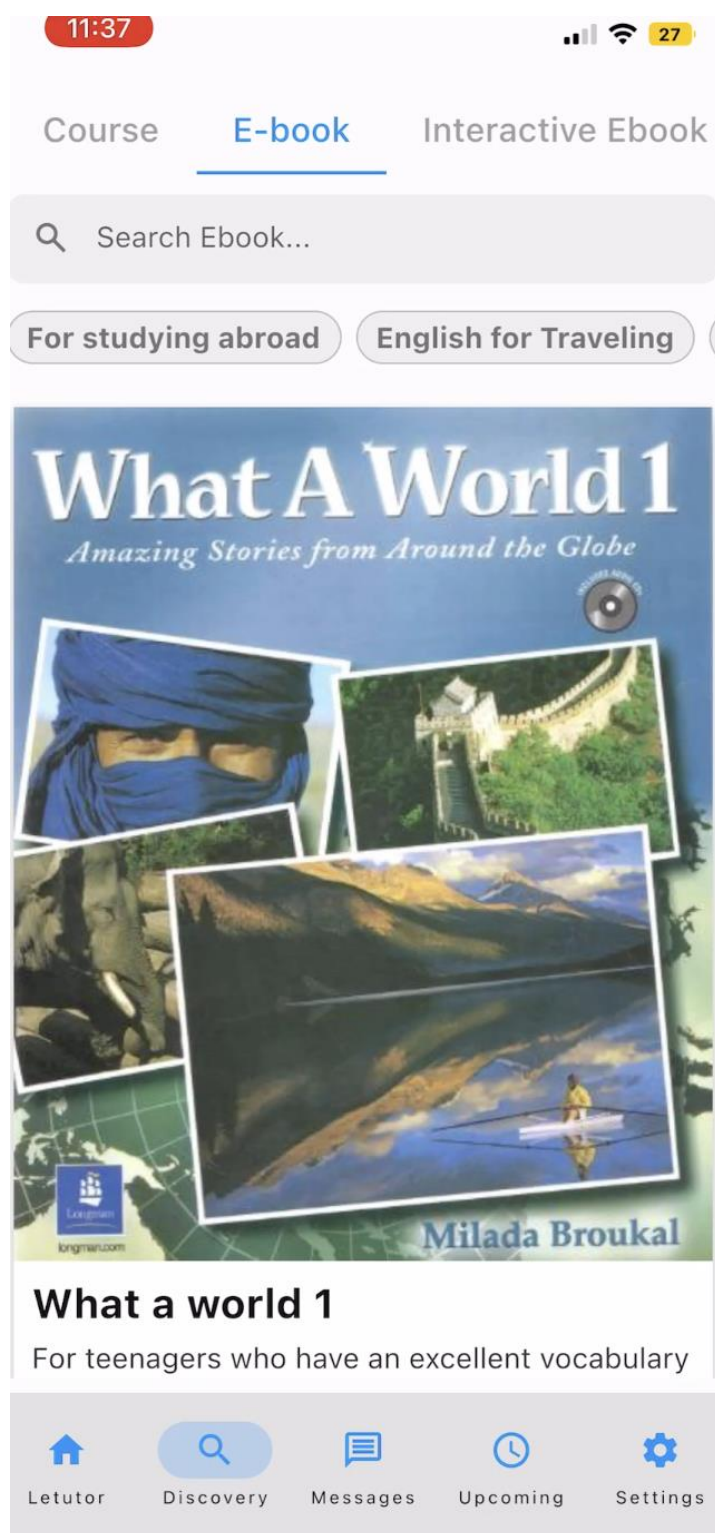
Select level

Any level Beginner High Beginner

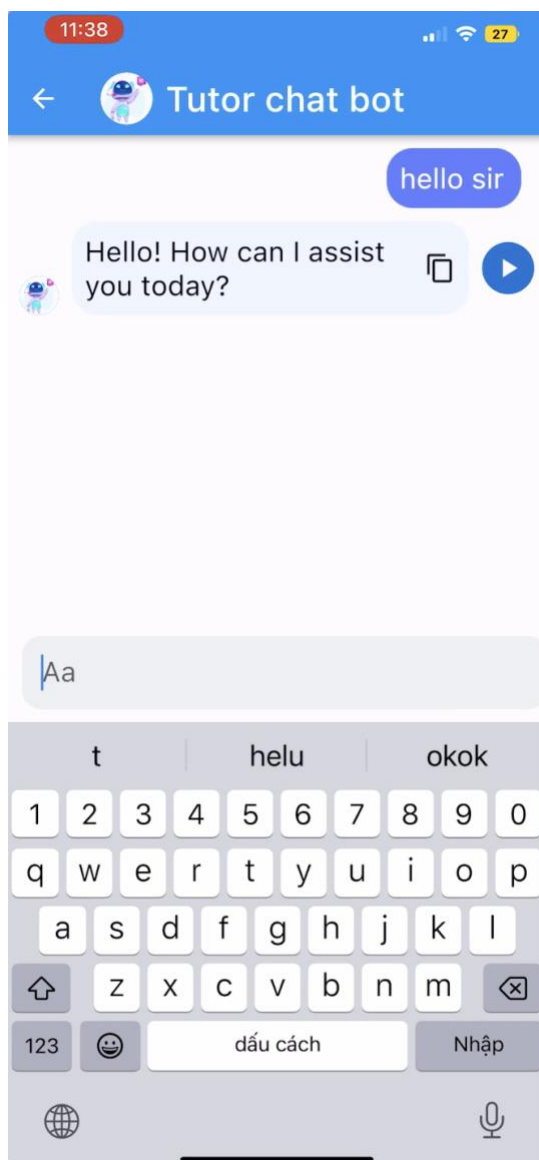
Pre-Intermediate Intermediate

Upper-Intermediate Advanced

Proficiency

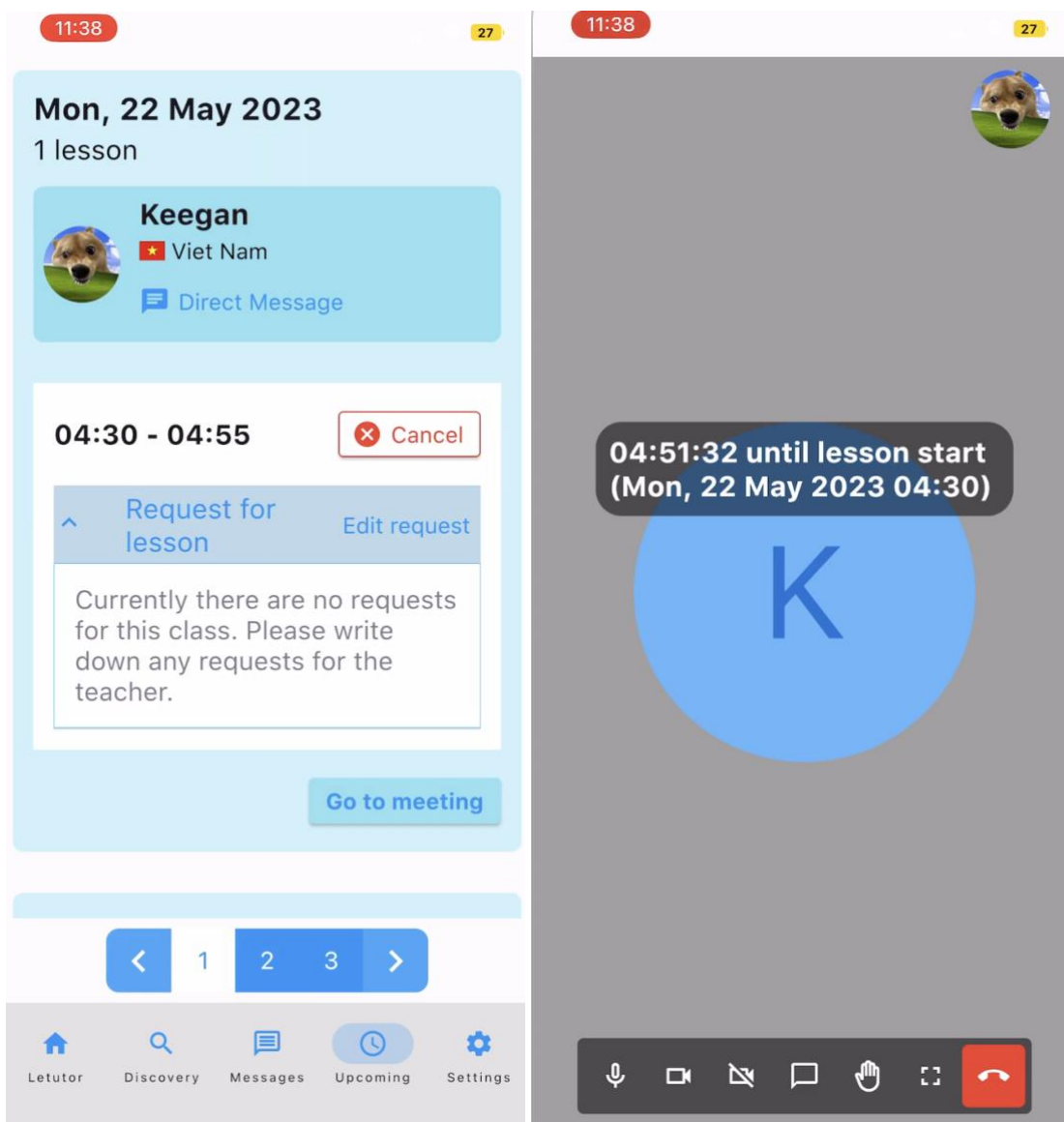


Chatbot

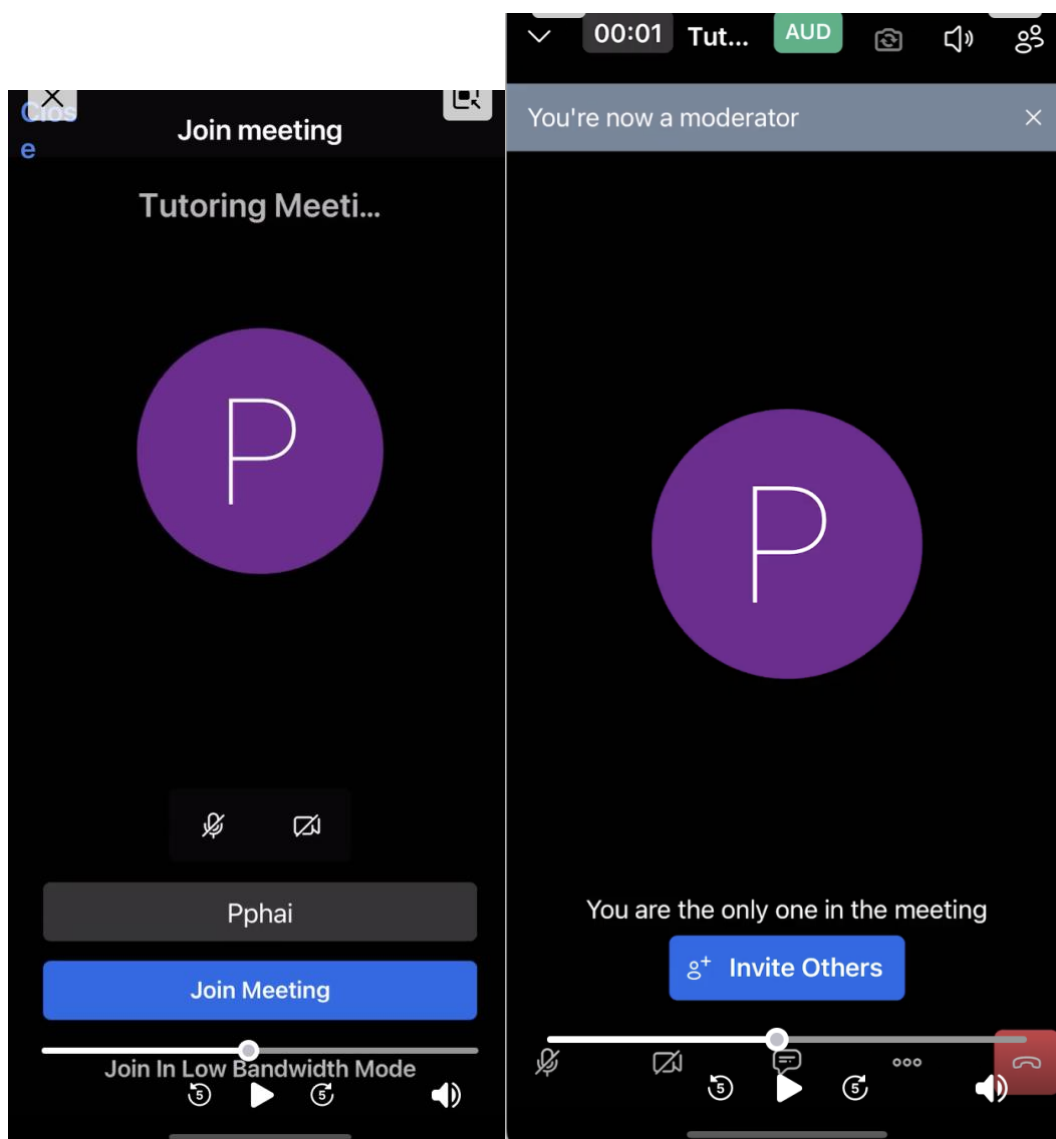


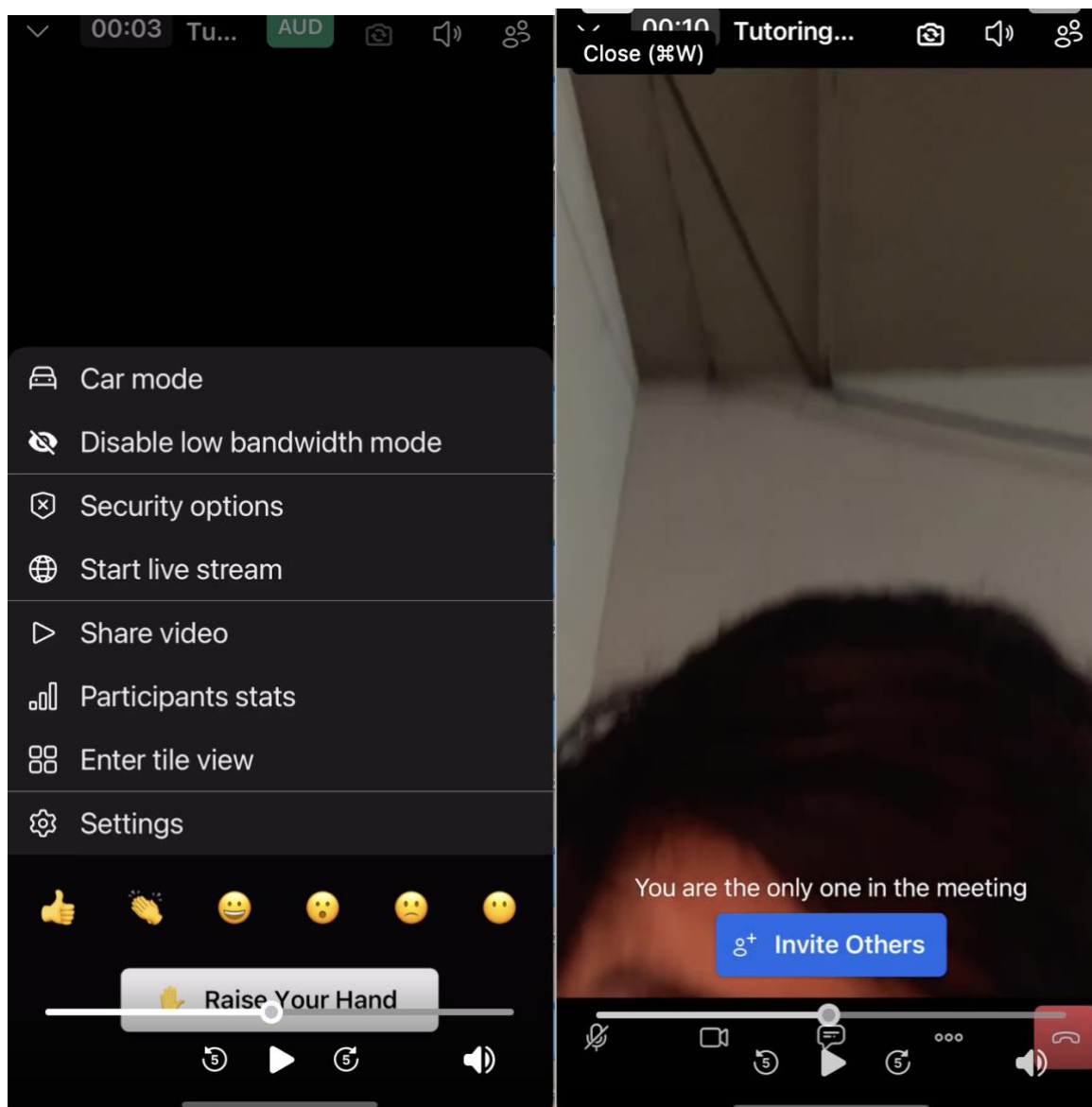
**Lớp học sắp tới**



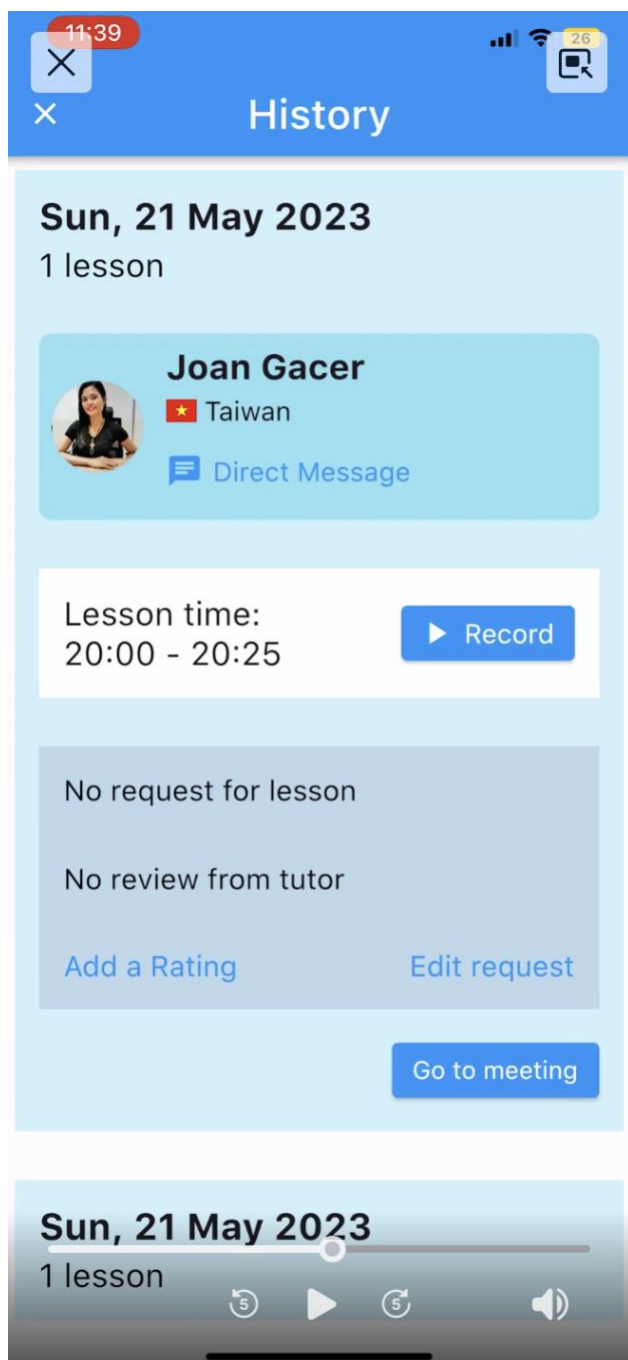


Tham gia lớp học

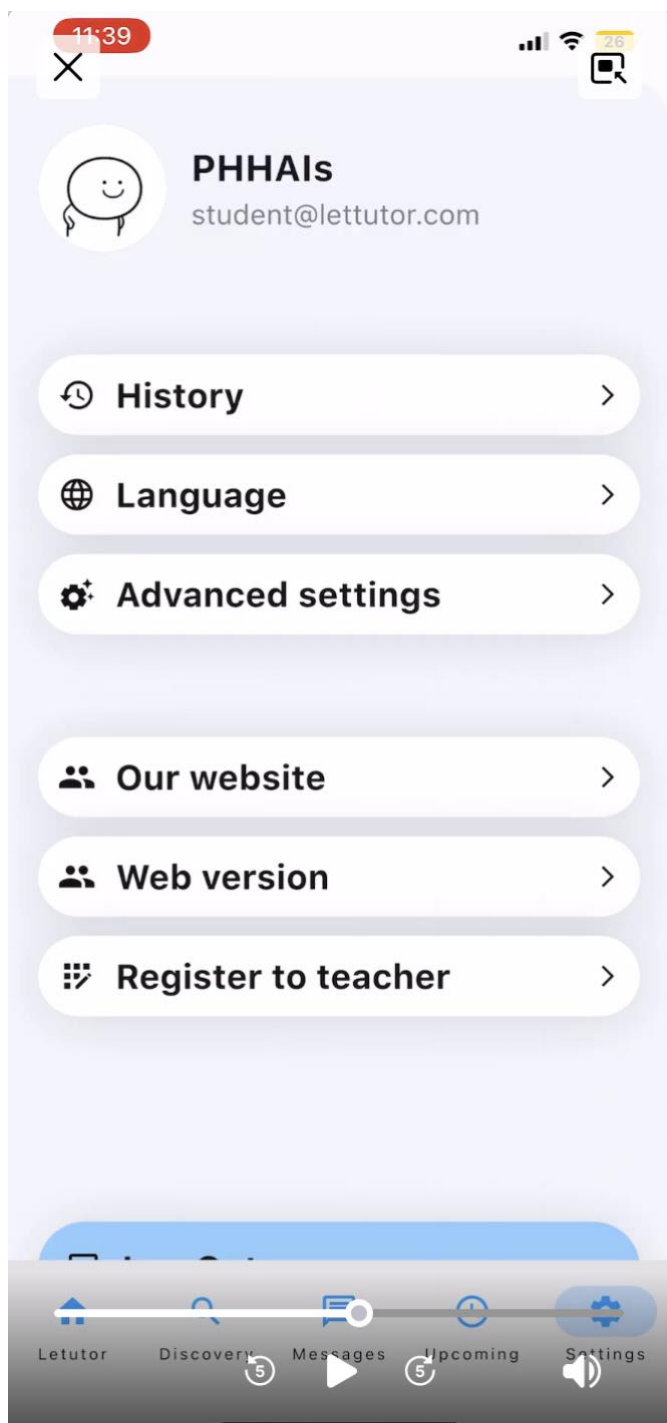




**Xem lịch sử buổi học**

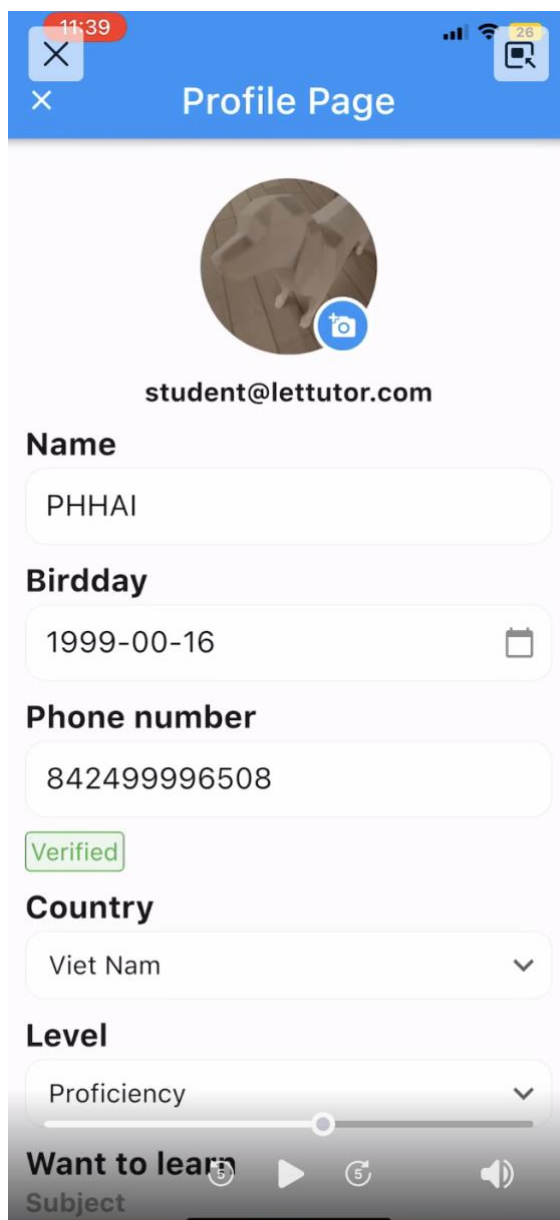


Màn hình setting



Màn hình thông tin cá nhân






The image shows a mobile application interface for a profile page. At the top, there is a status bar with the time 11:39, signal strength, Wi-Fi, and battery level at 26%. Below the status bar is a blue header with a close button (X) and the title "Profile Page". The main content area has a light purple background. It starts with a circular profile picture placeholder showing a wooden puzzle, with a camera icon in the bottom right corner. Below the picture is the email address "student@lettutor.com". The form contains several fields: "Name" with the value "PHHAI", "Birdday" with the value "1999-00-16" and a calendar icon, "Phone number" with the value "842499996508", a green "Verified" badge, "Country" with a dropdown menu showing "Viet Nam", and "Level" with a dropdown menu showing "Proficiency" and a slider bar. At the bottom, there is a section titled "Want to learn" with a "Subject" label and icons for a video player (play, pause, full screen, volume).

Tính năng khác

CI/CD



**Not-LetTutor** ✓  
github.com/NEITGNART/Not-LetTutor

Start new build →

**Build overview**

ID: 646d3ce90483759de733901  
Index: 8  
Status: finished  
Workflow: Default Workflow  
Started by: Phạm Tiến  
Started: 6 days ago  
Duration: 8m 27s  
Machine: Mac mini M1  
Branch: advance-online-app  
Commit: 9f53a92

**Artifacts**

- app-release.aab [79.57 MB]
- mapping.txt [8.02 MB]

Click on the build steps for details.

Preparing build machine	49s
Fetching app sources	4s
Installing SDKs	21s
Set up code signing identities	< 1s
Installing dependencies	1m 3s
Building Android	5m 6s
Publishing	1m 2s
Cleaning up	< 1s

## Crashlytics

Crashlytics beatiful\_ui (android)

Filter

**Crash-free statistics**

Crash-free users

To see this data, make sure your app has [Google Analytics for Firebase](#) and the latest [Firebase Crashlytics SDK](#)

**Trends**

Crashes: 3, Users: 3, Non-fatal: 0, ANRs: 0

+200% Crashes, +200% Users

May 24, May 27, May 30

Issues

Filter issues: Issue state = "Open"

Search issue title, subtitle or keys

Issues	Versions	Events ↓	Users
FlutterJNI.loadLibrary java.lang.UnsatisfiedLinkError - dalvik.system.PathClassLoader[DexPathList[[zip file "/system/framework/android.test.r...	1.0.0 - 1.0.0	2	2
main.<fn> io.flutter.plugins.firebase.crashlytics.FlutterError - PlatformException(VideoError, Video player had error f9.q; Source err...	1.0.0 - 1.0.0	1	1

## Firebase cloud notification

POST https://fcm.googleapis.com/fcm/send Send

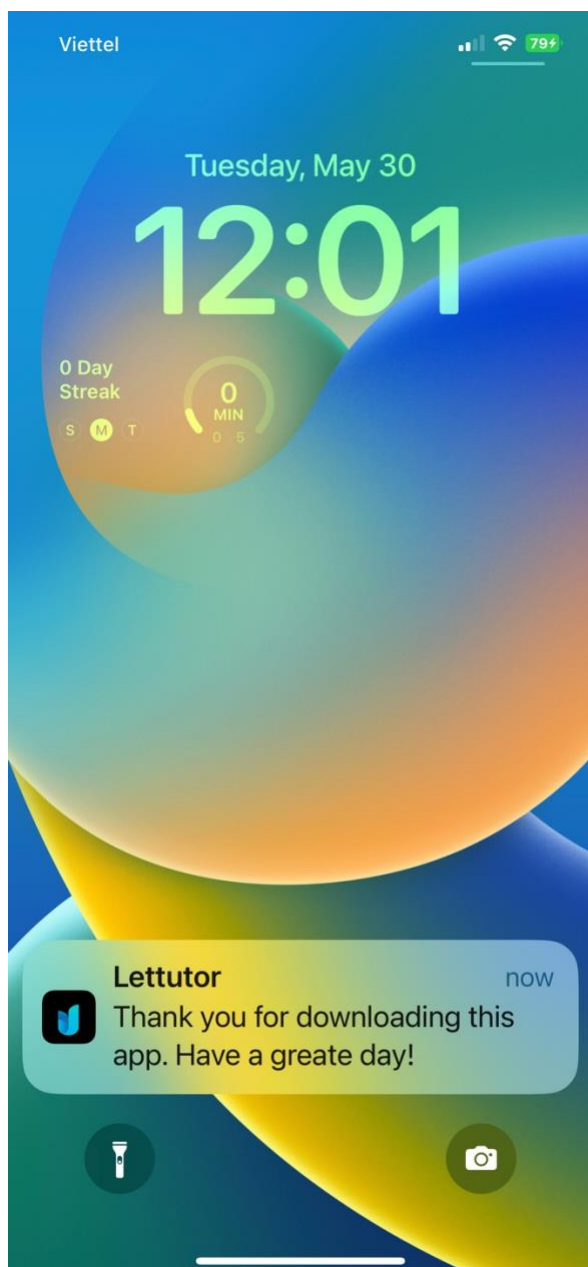
Params Authorization Headers (10) Body Pre-request Script Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

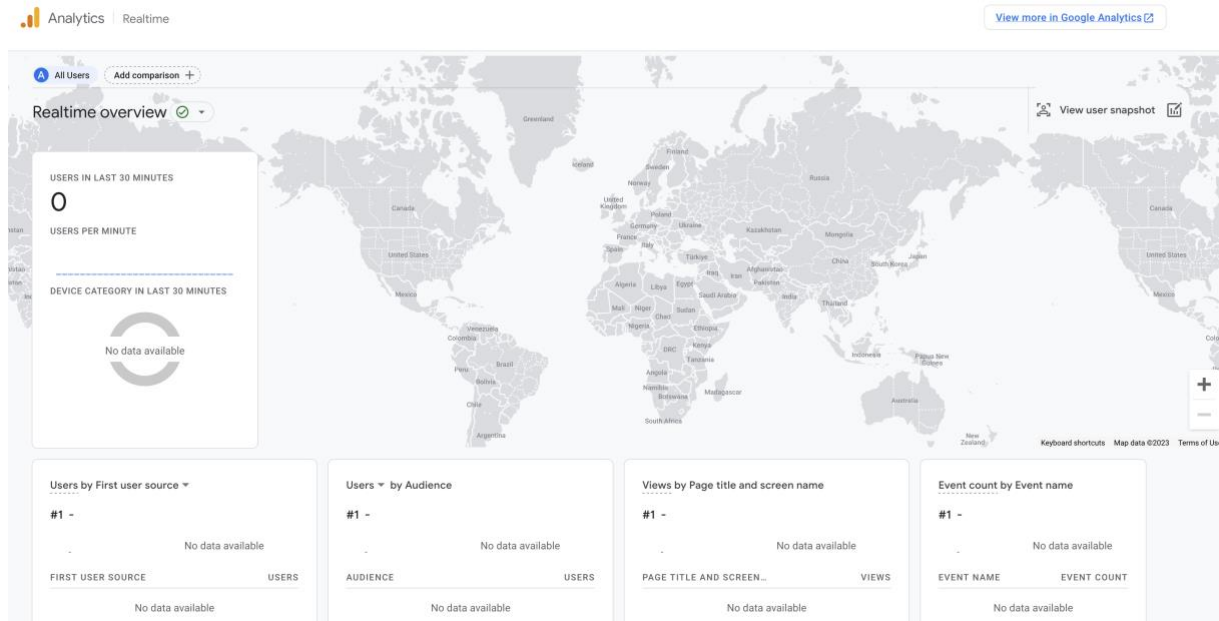
```

1 {
2   "to": "/topics/all_users",
3   "notification": {
4     "body": "Thank you for downloading this app. Have a great day!",
5     "content_available": true,
6     "priority": "high",
7     "title": "Lettutor",
8     "click_action": "FLUTTER_NOTIFICATION_CLICK"
9   },

```



Google Analytics



## IX. Tham khảo

<https://codewithandrea.com/articles/flutter-project-structure/#bonus-the-test-folder>

<https://fluttergems.dev/>

<https://docs.flutter.dev/>