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Context × Language Skill × Interests



translation


collocate ↔ 一緒に並べる

↓


Language skill
Memorization
Understanding within sentences

UbiComp 2020 is collocated with the ISWC'20

↔ UbiComp 2020はISWC'20と一緒に開催される

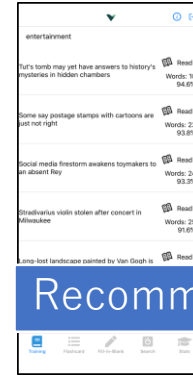


Automatically generate

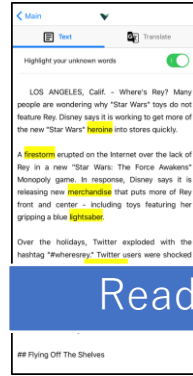


- ✓ Improve understanding
- ✓ Retention of previously unknown words
- ✓ Motivate to study

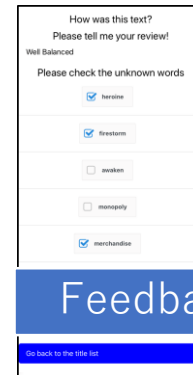
The Flow of Learning



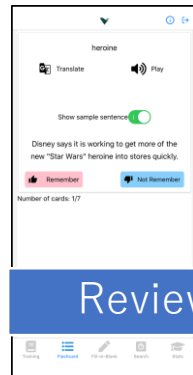
Recommend



Read



Feedback



Review

Result

Test Day	Z-Score	p-value
1	3.067	0.002162**
2	2.7068	0.006794**
4	2.2733	0.02301*
8	2.3967	0.01654*

Wilcoxon-Pratt Signed-Rank Test

↓

Mobile Vocabulometer is **effective**

Participant	Day 1	Day 2	Day 4	Day 8
P9				
P2				
P12				
P6				
P15				
P19				
P8				
P10				
P14				
P16				
P5				
P3				
P1				
P13				
P18				
P20				
P21				
P17				
P11				
P4				
P7				

Mismatch in

- Language skill
- Interest

↓

Some users show a weaker effect as time goes by.

- ✓ There is an overall positive effect on English vocabulary retention for the Mobile Vocabulometer for each test day.
- ✓ Accurately matching difficulty with participant skill is required for the system to be effective.
- ✓ The impact of interesting materials cannot be understated for users.

Try on your device!

1. Install Expo app

2. Scan QR code by Expo app

