

iOS app introduction

Benkyō: Learn Japanese



Apple App Store Status	Pre-Order Ready for Sale
Expected release date	December 30, 2020
App Store link	https://apps.apple.com/app/apple-store/id1541592138
Categories	Education (primary) & Reference (secondary)
Developer	Romain Pellen (individual)
Marketing URL	https://benkyo.app

December 9, 2020. By Romain Pellen

The app in a nutshell	2
Why does Benkyō stands out?	3
Developer's story	7
Business plan	8
Features preview & screenshots	9

The app in a nutshell

Learning the Japanese language is a long journey.

There is a lot of informations to memorize, including elements that Benkyō helps with:

- ▶ The Japanese alphabets (called hiragana and katakana).
- ▶ The Japanese characters (called Kanji) that are mixed with the alphabet in the writing system.
- ▶ Vocabulary.

The time we spend studying these usually takes the form of long study sessions, and the order of item reviews would be up to the learner.

On the opposite, Benkyō offers a learning experience that provides 3 main advantages:

- 1) **Split study time into flexible length sessions**, short and long. Typically combining our time in the public transportations or other short available periods of time we have with longer dedicated study sessions. That way we can study more in the long run, and drastically reduce study fatigue. This is made possible by the convenience of a mobile application.
- 2) **Organize review items (called flashcards) efficiently**: the way our memory works is that when learning a new piece of information, the said information will be forgotten after a short period of time (a few days). However if we make the effort to recall this information, not only do we reset the « forgetting timer », but the period before we forget it increases exponentially. Repeating the recalls at the right times therefore ensures an optimal usage of our study time. This is possible with Spaced Repetition System (SRS). Softwares like Benkyō makes it easy to organize every separate item review timing.
- 3) **Keep the learner motivated** by showing him his progress via statistics and various metrics, including over-time charts. Again, this is only possible in an application, and Benkyō uses CoreData framework to save locally any study activity, and compute statistics.

On top of that, Benkyō is also a learning companion as it allows to browse, search and filter Japanese language content, practice hand drawing Japanese characters, or perform customized quizzes.

Why does Benkyō stands out?

1: Because of its design philosophy

From the beginning, Benkyō was designed with user experience in mind. The developer strongly believes an iPhone / iPad app's quality should live up to the platform and device it runs on, and that users expect such quality. Therefore the UI and UX have been worked on to go the extra mile. Small things like the ability to pass a question during a quiz, or the option to consult the entry details when we answer it wrong are often skipped in the competition, yet it provides a huge quality of life difference for users.

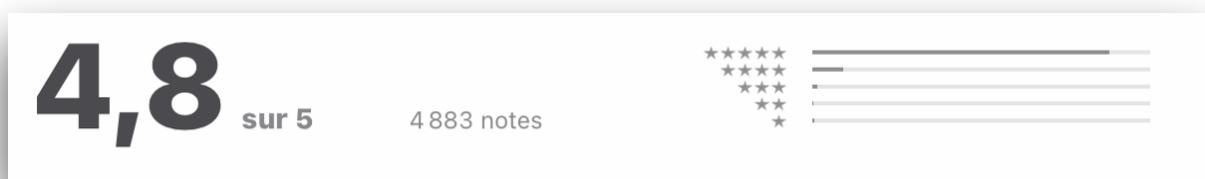
Users are given great flexibility and powerful options while keeping the UI as simple and easy to understand as possible. That was an exciting challenge for the developer.

Benkyō also features cool functionalities like automatic recognition for handwriting during a quiz, that would automatically classify the answer as correct when appropriate (user editable on the fly), or reminders (push) at the time of the user's choosing.

2: Because of the customers response to the same philosophy, as implemented in previous apps addressing similar audiences: Kana & Sensei

During the development of Benkyō, another app named Kana, was released on the App Store in order to determine if it could get traction and interest from users. Kana helps novice Japanese learners (with alphabet only quizzes) which is a segment of people close to Benkyō's target.

Over less than 2 years, Kana has received 4883 ratings and reviews, with an average of 4.8 stars.



Many users even call Kana the best app of its kind.

Although Kana is limited only to learning Japanese alphabet, and without SRS or other features Benkyō offers, both follows the same app quality philosophy.

Another app called Sensei, providing Japanese grammar course, was also published. Over a year, Sensei received 736 ratings and reviews, with 4.9 stars on average.

4,9

sur 5

736 notes



(Ratings and reviews as of December 9, 2020).

With the feedback and experience from Kana and Sensei, Benkyō will be able to provide real value and respond to users needs.

These 2 side apps include a link to Benkyō's App Store page (currently in Pre-Order). Just a few days after Benkyō was made available for Pre-Order, it was already getting significant traction in terms of Pre-Order numbers, demonstrating customers trust for the developer, and interest for the app.

References

App	App Store link
Kana (iOS)	https://apps.apple.com/app/id1454200955
Sensei (iOS & macOS)	https://apps.apple.com/app/id1495789984

To better illustrate the response those apps have gotten, let's see a few user reviews. (Feel free to browse all reviews on the App Store pages)

KANA

Quality App for Learning Your Kana ★★★★★

Répondre

par AeolianMode – 11 juil. 2019

I have never made a review on the App Store before, but I just had to support this app! It doesn't seem to be getting as much attention as it deserves. The app teaches hiragana and katakana, using customizable quizzes and practice sessions. While practice sessions use multiple choice, quizzes use forced-input (meaning you have to type an answer from memory). This makes it far superior to apps like Duolingo, which mix forced-input (which is better for practice) and multiple choice (which is better for initial learning) together in their lessons, making it hard to practice the kana efficiently after initial learning. Besides the quizzes themselves, the app offers convenient features such as a scheduled reminder setting and a range of stats on your quiz performances. All of the app's features are wrapped up in a professional, modern interface, making it a joy to use. Overall, I would say that this app is an absolute necessity for any beginner Japanese learner!

Version 1.7 | Canada | [Signaler un problème](#)

The best training app ★★★★★

[Répondre](#)

par CloudGrey – 24 sept. 2020

I've been using it for about 4 weeks now, and it's definitely what I needed to start learning the basics of Japanese. It makes it so easy and comfortable to study both hiragana and katakana symbols and keep practicing every day. I'm also using its companion app, Sensei, to go further in my journey to learn Japanese once I've mastered the basics with this. Thank you a lot to the developer for this app, love it, and I can't wait for the upcoming Kanji app ❤️

Version 2.5 | Espagne | [Signaler un problème](#)

Best for learning Kanas Reading and Writing ★★★★★

[Répondre](#)

par Chris (구희수) – 24 nov. 2020

No app I could find could even compare to the level of effectiveness that this app delivers on. It covers all the bases of learning the Kanas including WRITING with auto recognition that is pretty accurate. You can fine tune your flash card sets based on which kanas you need to study, and you can study them in a variety of effective ways. Without a doubt, this app is the best for beginners trying to learn how to read and write hiragana and katakana!!

Version 2.8 | États-Unis | [Signaler un problème](#)

I love it! ★★★★★

[Répondre](#)

par kevster2717 – 24 sept. 2020

1.) it looks stylish! From the flashcards, to the graphs and colors they're very neat and easy on the eyes without compromising any information. 2.) The simplicity of its usage. I don't mind the bells and whistles on other apps but just give me the flashcards and let ME organize them. This one delivers just that! 3.) the Smart Quizzes is pretty neat! Helps me correct my mistakes whenever I guessed wrong. 4.) Simply one of the best app for kana memorization out there! Wanna learn all Hiragana? A few Hiragana at a time? YOU CAN ORGANIZE IT HOWEVER YOU WANT! Wanna practice how to write them? Wanna know how they sound? They have it in every flashcard! Side note: if you're the type to learn with mnemonics (the one with pictures that looks like a kana character) then this is not for you. I'm not sure if the devs will add that feature at all. This is still a great app for starting Japanese though! I've only used this for about a week but it helped me tremendously with my Japanese class! I hope this helps you as well

Version 2.5 | États-Unis | [Signaler un problème](#)

Amazing! Like too good to be real! ★★★★★

[Répondre](#)

par S-M-J-M – 12 oct. 2020

Helped me learn all of Kana in just 2 hours, practicing for less than a week. Completely shocked at the quality of the app. How it even recognizes stroke orden in which you draw and how closely it resembles the Kana to see if you "pass" or "fail". Speechless. Thank God I found this app before any other! Please do a Kanji one!

Version 2.5 | États-Unis | [Signaler un problème](#)

Best Japanese alphabet app I've found ★★★★★

[Répondre](#)

par JohnDoe6790324 – 20 nov. 2020

I've tried more than 6 different apps for learning Kana (the Japanese "alphabet"), and this is the best one out of all of them — and by a large margin. Has all the features I've wanted in a language learning app. And the statistics they provide are cool too.

[Version 2.7](#) | [États-Unis](#) | [Signaler un problème](#)

SENSEI

Best Tae Kim app ★★★★★

[Répondre](#)

par Abikjn – 2 mai 2020

I've probably downloaded 3 or 4 versions of Tae Kim's guide. This is the first one that I've really liked using. I'll echo the request I've seen in other reviews for a search function. This is becoming a go-to resource for grammar for me, and as I am progressing it would be helpful to be able to just search for に, for example. Great work, though, I really like it!

[Version 1.3](#) | [États-Unis](#) | [Signaler un problème](#)

Absolutely a wonderful app ★★★★★

[Répondre](#)

par Adriatics – 22 nov. 2020

It's one of the best Japanese learning apps around in my opinion.

[Version 1.6](#) | [Canada](#) | [Signaler un problème](#)

Good layout, design and content. ★★★★★

[Répondre](#)

par WileyGrimm – 12 oct. 2020

Using this along with Remembering the Kanji to dive back into Japanese studies. Seems to be working great as a concise guide.

[Version 1.5](#) | [États-Unis](#) | [Signaler un problème](#)

Developer's story

Origins of the app idea

As a teenager, my friends and I were very into manga. We used to lend our book collection to each other and practice drawing its artistic style. That got me very attracted to Japan and its culture. And few years later, I lived there. For the last year before graduation from my engineering school in France, I was an exchange student at Keio University in Tokyo.

At that time, I got my first iPhone and could not help but imagine what apps I could create as a developer. Keio did not offer mobile programming class at that time (2010-2011) so I learned with Stanford's iTunes U course CS193P and developed a prototype. That's how my research and development project at Keio turned into the development of the very first version of Benkyō. I was eager to achieve an app that stands out, adapted for mobile and that could really help Japanese language learners with polished features and content.

In 2019, I released Kana to help beginners learn the Japanese alphabet. I then released Sensei I received so much positive feedback from users around the world that I decided keep going and work hard to craft an app that goes way beyond Kana, this app is Benkyō.

About the development

I have professional experience as an iOS developer: I worked in France and Singapore for big apps (Edjing: <https://apps.apple.com/app/id493226494> • Muslim pro: <https://apps.apple.com/app/id388389451>) or small teams (Temasys Pte. Ltd's « Skylink » iOS SDK • Break: the social blackout, App ID: 895041984 - developer removed on March 11, 2018)

However I realized that my dream was to provide my own product vision, confront it to market and see real customers response.

In order to properly do so, I decided to commit full time. I left my job and went to Japan in early 2020 under a working-holiday visa, and spent most of my time focusing on Benkyō.

I work on every aspect myself, including design, marketing, strategy, art, copywriting, etc... I love the challenge for the diversity of things to learn and do.



Me, trying to be photogenic.
Yoyogi Park, Tokyo, Japan

Business plan

Monetization

As a service that provides value over time, Benkyō is a subscription based freemium app (usage limitations for free users, including capped quizzing and content access).

Development strategy priorities

After adjusting the app with the TestFlight beta and early users's feedback the priority is to localize the application in more languages, particularly in the following languages: *simplified Chinese, traditional Chinese, Thai, Spanish, Korean, Hindi, Vietnamese, Russian.* As of now Benkyō is fully localized in *English* and *French*. For quality, future localizations should not be machine generated but rather carefully translated by native speakers.

Early plans also includes adding more features to Benkyō: widgets (for example SRS items due count), more SRS statistics, a memorization view, etc...

If the app demonstrates a product-market fit, investment will be made in paid acquisition and in particular in Apple Search Ads discovery campaigns to identify relevant keywords.

Other plans include adapting the app to macOS with Catalyst, adding more features (like a verb conjugation tool or social statistics) and content (like grammar flashcards).

Features preview & screenshots

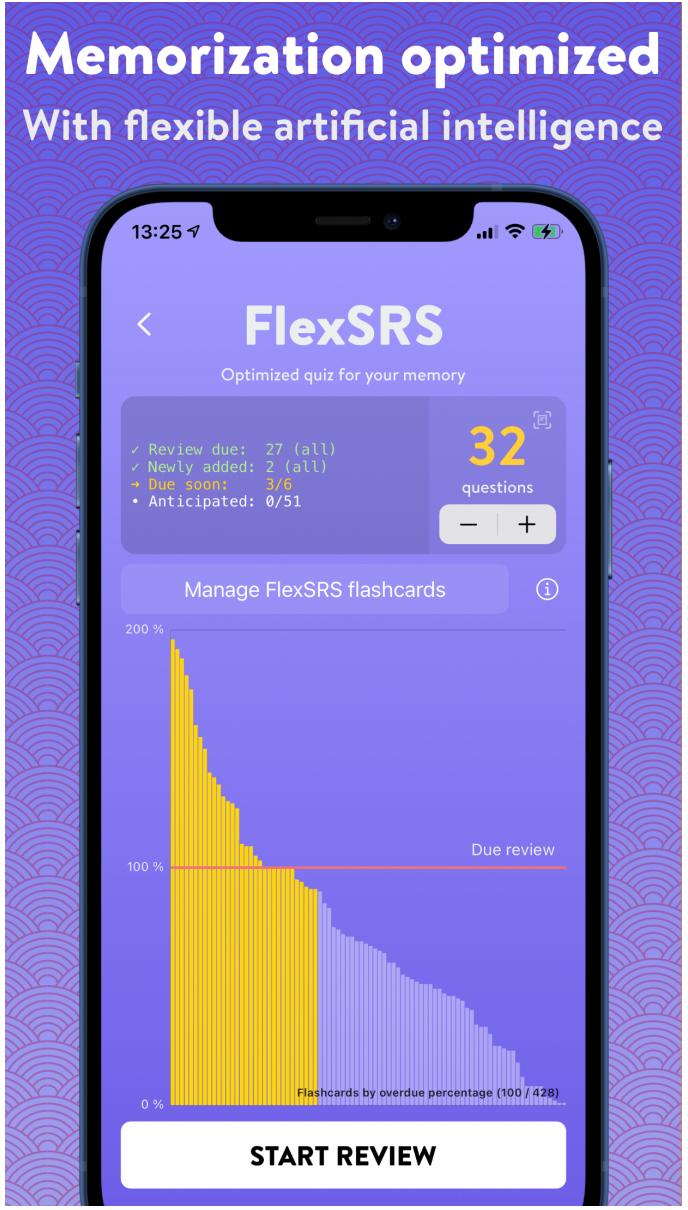
This section presents the central features of Benkyō with screenshots.

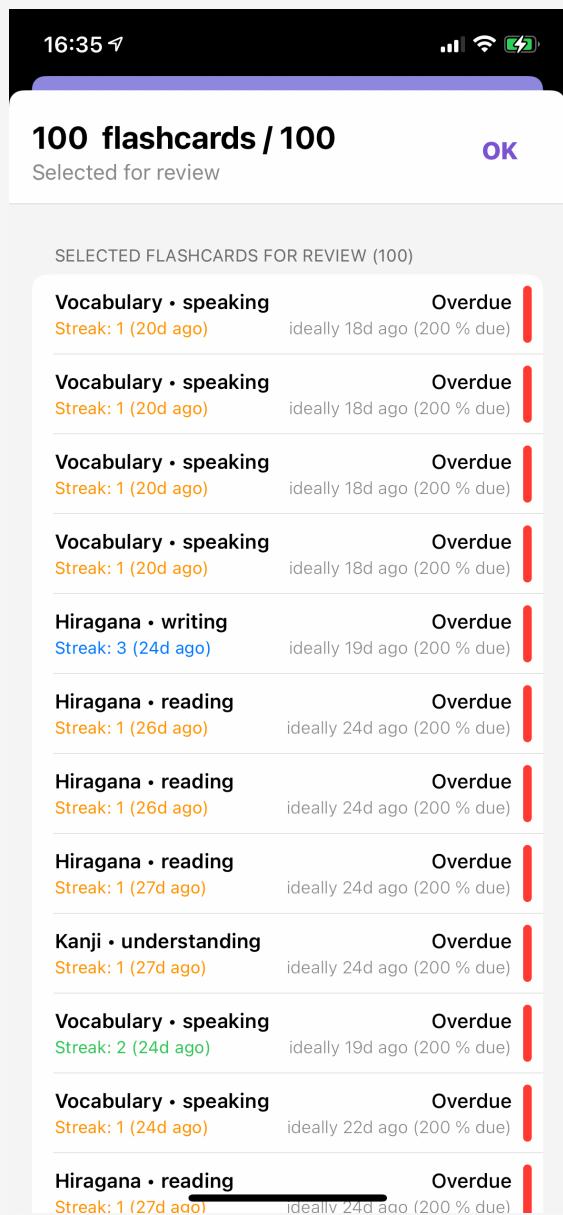
Feature	Illustration
<p>Browsing content</p> <p>[Browsing → list]</p> <p>Consult a list of Japanese language related content.</p> <p>Available for: Hiragana, Katakana, Kanji and vocabulary</p>	<p><i>List of Kanji</i></p> 

Feature	Illustration
<p>[Browsing → filtering]</p> <p>Filter a list of content based on content-specific criteria</p> <p>Available for : Kanji and vocabulary</p>	<p>Kanji filtering</p> <p>Cancel Kanji filters</p> <p>JLPT</p> <p>5 4 3 2 1 0</p> <p>Grade</p> <p>1 2 3 4 5 6 7-8 9</p> <p>Frequency score</p> <p>10 9 8 7 6 5 4 3 2 1 0</p> <p>Categories</p> <p>Numbers, counting, sequence → Counters</p> <p>Physical properties and attributes → Colours</p> <p>Tap to add a category</p> <p>Conditions to match Any All</p> <p>5 results</p> <p>Apply filter</p>

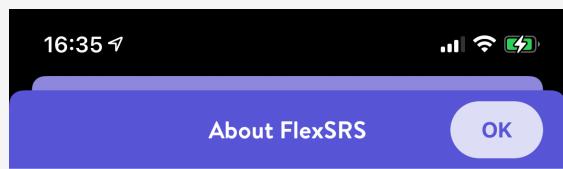
Feature	Illustration
<p>[Browsing → details]</p> <p>Consult Japanese language related content details.</p> <p>Add the entry it to a list, listen to its pronunciation, or practice drawing it (cf. next screenshot)</p> <p>Available for: Hiragana, Katakana, Kanji and vocabulary</p>	<p>Vocabulary, kanji and kana details views</p> 

Feature	Illustration
<p>[Browsing → details → draw practice]</p> <p>See the entry's writing stroke order or practice drawing.</p> <p>Available for: Hiragana, Katakana, and Kanji (vocabulary planned in future update)</p>	<p>Kanji draw practice</p> 
SRS training	-

Feature	Illustration
<p>[SRS → quiz configuration]</p> <p>Visualize elements to review by priority (percentage overdue) and select the number of questions for this session.</p> <p>The algorithm automatically adjusts to flashcard being reviewed too early or too late. For example: a flashcard that is reviewed after the ideal review date (and answered correctly) will get a next review date in a more distant future than if it was reviewed at the ideal time. So the AI is flexible, for that reason it is called FlexSRS.</p> <p>Note: algorithm computations are performed locally and quiz data is stored on the user device.</p>	<p>SRS lobby</p>  <p>Memorization optimized With flexible artificial intelligence</p> <p>FlexSRS Optimized quiz for your memory</p> <p>✓ Review due: 27 (all) ✓ Newly added: 2 (all) → Due soon: 3/6 • Anticipated: 0/51</p> <p>32 questions</p> <p>Manage FlexSRS flashcards</p> <p>200 % 100 % 0 %</p> <p>Due review</p> <p>Flashcards by overdue percentage (100 / 428)</p> <p>START REVIEW</p>

Feature	Illustration																																																																											
<p>[SRS → review list details]</p> <p>Optionally consult the list of flashcard sorted by review emergency.</p> <p>The list displays entry kind, flashcard type, current correct answer streak and ideal review time.</p> <p>The exact informations about the flashcard are currently hidden to prevent making the quiz to come too easy.</p>	<p>Details for SRS items to review</p>  <table border="1"> <thead> <tr> <th colspan="3">SELECTED FLASHCARDS FOR REVIEW (100)</th> </tr> </thead> <tbody> <tr> <td>Vocabulary • speaking</td> <td>Overdue</td> <td></td> </tr> <tr> <td>Streak: 1 (20d ago)</td> <td>ideally 18d ago (200 % due)</td> <td></td> </tr> <tr> <td>Vocabulary • speaking</td> <td>Overdue</td> <td></td> </tr> <tr> <td>Streak: 1 (20d ago)</td> <td>ideally 18d ago (200 % due)</td> <td></td> </tr> <tr> <td>Vocabulary • speaking</td> <td>Overdue</td> <td></td> </tr> <tr> <td>Streak: 1 (20d ago)</td> <td>ideally 18d ago (200 % due)</td> <td></td> </tr> <tr> <td>Vocabulary • speaking</td> <td>Overdue</td> <td></td> </tr> <tr> <td>Streak: 1 (20d ago)</td> <td>ideally 18d ago (200 % due)</td> <td></td> </tr> <tr> <td>Hiragana • writing</td> <td>Overdue</td> <td></td> </tr> <tr> <td>Streak: 3 (24d ago)</td> <td>ideally 19d ago (200 % due)</td> <td></td> </tr> <tr> <td>Hiragana • reading</td> <td>Overdue</td> <td></td> </tr> <tr> <td>Streak: 1 (26d ago)</td> <td>ideally 24d ago (200 % due)</td> <td></td> </tr> <tr> <td>Hiragana • reading</td> <td>Overdue</td> <td></td> </tr> <tr> <td>Streak: 1 (26d ago)</td> <td>ideally 24d ago (200 % due)</td> <td></td> </tr> <tr> <td>Hiragana • reading</td> <td>Overdue</td> <td></td> </tr> <tr> <td>Streak: 1 (27d ago)</td> <td>ideally 24d ago (200 % due)</td> <td></td> </tr> <tr> <td>Kanji • understanding</td> <td>Overdue</td> <td></td> </tr> <tr> <td>Streak: 1 (27d ago)</td> <td>ideally 24d ago (200 % due)</td> <td></td> </tr> <tr> <td>Vocabulary • speaking</td> <td>Overdue</td> <td></td> </tr> <tr> <td>Streak: 2 (24d ago)</td> <td>ideally 19d ago (200 % due)</td> <td></td> </tr> <tr> <td>Vocabulary • speaking</td> <td>Overdue</td> <td></td> </tr> <tr> <td>Streak: 1 (24d ago)</td> <td>ideally 22d ago (200 % due)</td> <td></td> </tr> <tr> <td>Hiragana • reading</td> <td>Overdue</td> <td></td> </tr> <tr> <td>Streak: 1 (27d ago)</td> <td>ideally 24d ago (200 % due)</td> <td></td> </tr> </tbody> </table>	SELECTED FLASHCARDS FOR REVIEW (100)			Vocabulary • speaking	Overdue		Streak: 1 (20d ago)	ideally 18d ago (200 % due)		Vocabulary • speaking	Overdue		Streak: 1 (20d ago)	ideally 18d ago (200 % due)		Vocabulary • speaking	Overdue		Streak: 1 (20d ago)	ideally 18d ago (200 % due)		Vocabulary • speaking	Overdue		Streak: 1 (20d ago)	ideally 18d ago (200 % due)		Hiragana • writing	Overdue		Streak: 3 (24d ago)	ideally 19d ago (200 % due)		Hiragana • reading	Overdue		Streak: 1 (26d ago)	ideally 24d ago (200 % due)		Hiragana • reading	Overdue		Streak: 1 (26d ago)	ideally 24d ago (200 % due)		Hiragana • reading	Overdue		Streak: 1 (27d ago)	ideally 24d ago (200 % due)		Kanji • understanding	Overdue		Streak: 1 (27d ago)	ideally 24d ago (200 % due)		Vocabulary • speaking	Overdue		Streak: 2 (24d ago)	ideally 19d ago (200 % due)		Vocabulary • speaking	Overdue		Streak: 1 (24d ago)	ideally 22d ago (200 % due)		Hiragana • reading	Overdue		Streak: 1 (27d ago)	ideally 24d ago (200 % due)	
SELECTED FLASHCARDS FOR REVIEW (100)																																																																												
Vocabulary • speaking	Overdue																																																																											
Streak: 1 (20d ago)	ideally 18d ago (200 % due)																																																																											
Vocabulary • speaking	Overdue																																																																											
Streak: 1 (20d ago)	ideally 18d ago (200 % due)																																																																											
Vocabulary • speaking	Overdue																																																																											
Streak: 1 (20d ago)	ideally 18d ago (200 % due)																																																																											
Vocabulary • speaking	Overdue																																																																											
Streak: 1 (20d ago)	ideally 18d ago (200 % due)																																																																											
Hiragana • writing	Overdue																																																																											
Streak: 3 (24d ago)	ideally 19d ago (200 % due)																																																																											
Hiragana • reading	Overdue																																																																											
Streak: 1 (26d ago)	ideally 24d ago (200 % due)																																																																											
Hiragana • reading	Overdue																																																																											
Streak: 1 (26d ago)	ideally 24d ago (200 % due)																																																																											
Hiragana • reading	Overdue																																																																											
Streak: 1 (27d ago)	ideally 24d ago (200 % due)																																																																											
Kanji • understanding	Overdue																																																																											
Streak: 1 (27d ago)	ideally 24d ago (200 % due)																																																																											
Vocabulary • speaking	Overdue																																																																											
Streak: 2 (24d ago)	ideally 19d ago (200 % due)																																																																											
Vocabulary • speaking	Overdue																																																																											
Streak: 1 (24d ago)	ideally 22d ago (200 % due)																																																																											
Hiragana • reading	Overdue																																																																											
Streak: 1 (27d ago)	ideally 24d ago (200 % due)																																																																											

Feature	Illustration																														
<p>[SRS → scope editing]</p> <p>To be included in the SRS, flashcards must be added to SRS scope first.</p> <p>This can be done on the entry details or in the present view by batch (filter) with optional manual editing.</p> <p>This view also includes counts of the current SRS scope by entry kind and flashcard type.</p>	<p>SRS: Add flashcards to learning scope</p> <p>16:35 ↗ ■■■ Wi-Fi 🔋</p> <p>Done</p> <h2>FlexSRS - Flashcards</h2> <p>ADD FLASHCARDS</p> <ul style="list-style-type: none"> + Add kanji > + Add vocabulary > + Add kana > + Add from a list > <p>CURRENT SCOPE</p> <table> <thead> <tr> <th></th> <th>Flashcards in FlexSRS</th> <th>Kanji</th> <th>Vocab.</th> <th>Kana</th> </tr> </thead> <tbody> <tr> <td>Reading</td> <td>3</td> <td>116</td> <td></td> <td></td> </tr> <tr> <td>Writing</td> <td>1</td> <td>4</td> <td></td> <td></td> </tr> <tr> <td>Understanding</td> <td>5</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>Speaking</td> <td>15</td> <td>10</td> <td></td> <td></td> </tr> <tr> <td>Total → 154</td> <td>24</td> <td>10</td> <td>120</td> <td></td> </tr> </tbody> </table> <p>EDIT FLASHCARDS</p> <p>Manually add flashcards > Add specific flashcards</p>		Flashcards in FlexSRS	Kanji	Vocab.	Kana	Reading	3	116			Writing	1	4			Understanding	5	0			Speaking	15	10			Total → 154	24	10	120	
	Flashcards in FlexSRS	Kanji	Vocab.	Kana																											
Reading	3	116																													
Writing	1	4																													
Understanding	5	0																													
Speaking	15	10																													
Total → 154	24	10	120																												

Feature	Illustration								
<p>[SRS → about view]</p> <p>In an effort to make the value of SRS easier to understand to users, an about screen is available from the SRS lobby screen.</p>	<p>SRS: about view</p>  <p>FlexSRS manages your study sessions for you, get peace of mind and focus on what's important: progressing.</p> <p>How to read the chart? This chart represents flashcards sorted by degree of review urgency. In other words, the percentage represents the flashcard optimal review time like this:</p> <table border="0"> <tr> <td>Percentage</td> <td>Optimal review time</td> </tr> <tr> <td>< 100</td> <td>Upcoming (not urgent)</td> </tr> <tr> <td>= 100</td> <td>Now</td> </tr> <tr> <td>> 100</td> <td>Past (urgent)</td> </tr> </table> <p>Do not worry about reviewing at the exact optimal time, FlexSRS adjusts its algorithm when you review a flashcard too late or too early automatically!</p> <p>What is FlexSRS? It stands for Flexible Spaced Repetition System. It's a Benkyō <u>exclusive</u> algorithm that tracks every Kanji, Kana or Vocabulary flashcard you review, when you reviewed it and how you performed. Based on those informations, each entry returns in your quizzes at the optimal time for your memory.</p> <p>How does it helps me? With this system, you learn way faster. Scientific studies showed how our brain retains and forgets information over time. It is proven that there is an optimal moment to recall an information to maximize memory retention on the long term. The more you recall a given information at the right time, the more you will remember it, and the less you will need to recall it. This allows you to increase the quantity and quality of informations you can learn in a given period of time.</p> <p>Tips If there is no new or urgent flashcard, add new ones! You can add as many flashcards do you want.</p>	Percentage	Optimal review time	< 100	Upcoming (not urgent)	= 100	Now	> 100	Past (urgent)
Percentage	Optimal review time								
< 100	Upcoming (not urgent)								
= 100	Now								
> 100	Past (urgent)								
Smart quiz & custom quiz	-								

Feature	Illustration
<p>[Smart quiz & custom quiz → scope and settings]</p> <h3>1/ Scope</h3> <p>Alternatively to SRS, users have the option to perform either:</p> <ul style="list-style-type: none"> - A “Smart quiz” (quickly set the quiz scope to certain flashcards like lowest score, streak or review count) - A “Custom quiz” (set the scope precisely using filters, list and manual edition) <h3>1/ Settings</h3> <p>After setting the scope, users are given the following options:</p> <ul style="list-style-type: none"> - Dynamically select different flashcard type to include in the quiz for each entry type: Vocabulary: understanding & speaking Kanji: understanding, speaking, reading and writing Hiragana/Katakana: reading & writing. - Be quizzed on multiple choice input mode (easy mode) versus keyboard/hand-drawing (whichever is appropriate for each flashcard) (hard mode) or even let the app decide the input mode based on past performances - Other options like number of questions, sound auto play or automatic handwriting recognition sensitivity 	<p>Left: Custom quiz scope Right: Smart quiz scope (back) and settings screen (front)</p>
<h2>Quiz</h2> <p>(Quiz is accessible via SRS, smart quiz or custom quiz modes)</p>	

Feature	Illustration
<p>[Quiz → keyboard input]</p> <p>Answer a question by different means, this is considered harder than multiple choice.</p> <p>Note: the answer can be written in Japanese or Roman characters.</p> <p>If there is multiple possible good answers (for example different vocabulary meanings) any will count as correct.</p> <p>If the user mistypes or inputs an answer that could be considered correct, he still has the option to manually edit (on the fly during the quiz) the saved result when the app does not automatically detects a correct answer.</p> <p>Available for both SRS and Smart/Custom quiz</p> <p>Note: in SRS quizzes, the input type is automatically determined based on user's previous performance for the particular flashcard. For each input type, the time he takes to answer is also measured to slightly adjust the algorithm rating of the flashcard and the next ideal review date calculation.</p> <p>In smart or custom quiz, the input is determined by the quiz settings (cf previous screenshots)</p>	<p>Quiz input views (respectively: multiple choice 4, hand-drawing & keyboard)</p> <p>The first screenshot shows a multiple choice question with four options: "that person, he/she (more polite)", "Fire", "Vocabulary" (with a gear icon), and "Meaning → Kanji". The second screenshot shows a hand-drawn kanji "火". The third screenshot shows a keyboard input screen where "yu" is typed.</p>

Feature	Illustration
<h2>Statistics</h2> <p>Statistics</p> <p>Give the user reward with an overview of his performances with beautiful charts and metrics.</p> <p>The top section gives segmented metrics (score and time studied by entry type or globally).</p> <p>Different chart display options are available</p> <p>Statistics are filterable by time range (eg: all time, last 24h, last 7 days, etc...)</p> <p>The tabs at the bottom gives access to Flashcard rankings by score or streak, and quiz history with question and results details for each of them.</p>	<p><i>General statistics & overtime chart</i></p> 