

Case Study: Eigo Ganbare - Sushi Quick Match

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Eigo Ganbare - Sushi Quick Match



The product:

Eigo Ganbare - Sushi Quick Match is a learning game app that can be played offline. The Japanese Teacher of English (JTEs) and Assistant Language Teachers (ALTs) can use it to teach and review English vocabulary words. The students can also use it on their own device in class or outside, as a part of their homework assignment or self development. The app is also useful in reversed for Japanese Language Teachers and for their students who are learning Japanese. It is stimulating, interactive, and fun to play.



Target user



The users:

JTEs, ALTs, and students who need an interactive digital game app for studying and reviewing English vocabularies.

Moreover, it can be used in reversed for Japanese Teachers and their students who are learning Japanese.



Research conducted and the research findings



User research and received feedback was conducted from the Japanese Teachers. For example, based on a user persona, Ms. Jane, is a 42-year old Japanese license teacher from Australia who would like to have a language learning app that's fun and engaging for her students because then, she can draw her students' interest in learning Japanese and gain knowledge about the Japanese culture. The research reveals that Ms. Jane couldn't choose between "study mode" and "game mode" and wishes she had the option to do so. She also would like to change language between Japanese and English.



So, what's the problem?



The problem:

Eigo Ganbare - Sushi Quick Match was missing a navigation menu page that allows a user to choose between “study mode” or “game mode”.



Insights learned



From users reacher:

There were some pain points for teachers and students. The issue was the fluidity between studying the vocabulary words and playing it as a quiz game. They wanted an option to review words in game mode only. Because sometimes, studying words in study mode wasn't necessary. Although, having to learn new words in study mode is still useful only when the teacher is teaching a completely new lesson. Another suggested feedback is adding a feature so that they have the ability to switch language between Japanese and English.



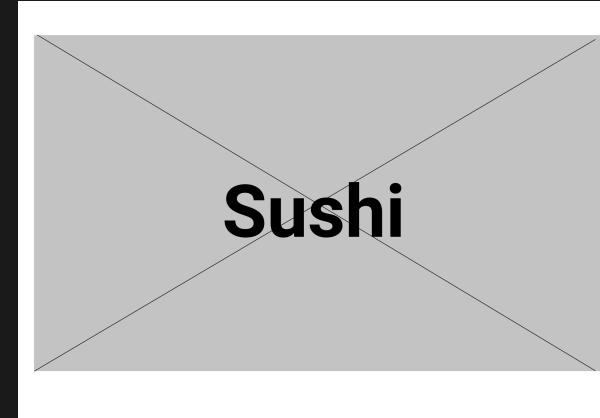
UI Ideation: sketches and wireframes

The process below starts with the initial ideas wireframes, then moves to mockups, and finally to the high-fidelity prototype.

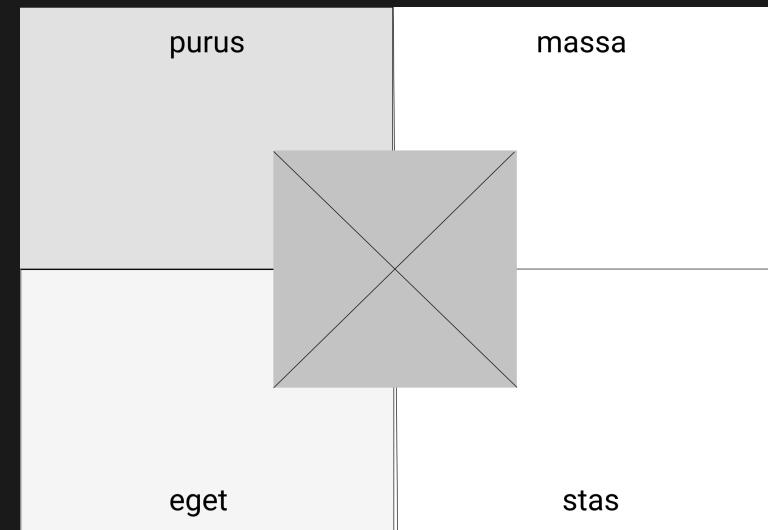


Wireframe

In this wireframe, it displays a slash page of the Sushi Quick Match app.



In “Game Mode”, there is an image that the user must drag to the correct word. If the image is on the wrong word, then it would return to the middle of the screen and the user will have to try again until the image matches with the correct word.

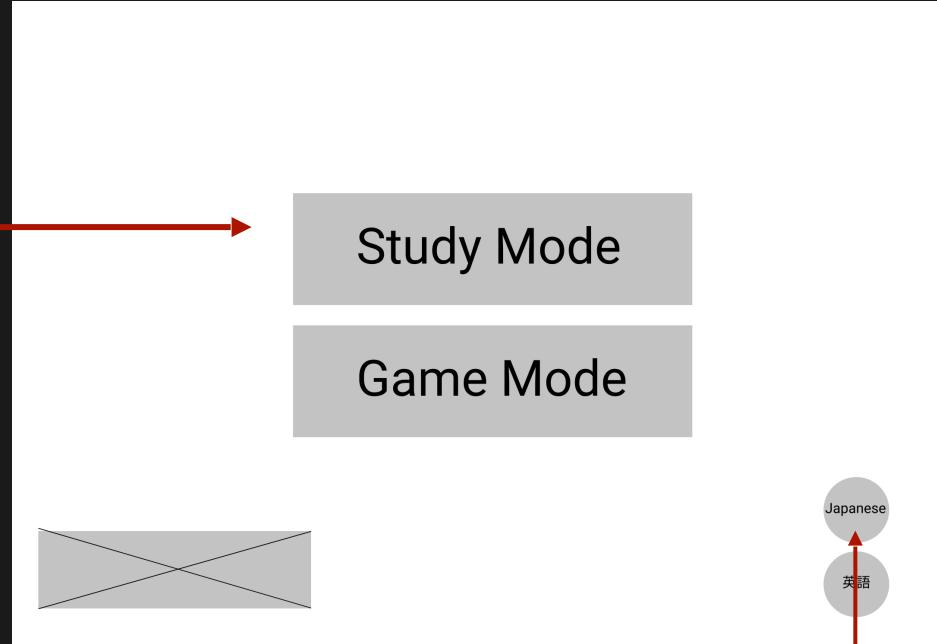




Revised wireframes after low-fidelity prototype usability testing:

In the revised version of the low-fidelity prototype, a navigation menu page was added based on the usability test feedback. Now, the user can choose “Study Mode” or “Game Mode”. There is also an option to switch between two languages.

Study Mode and Game Mode has been added

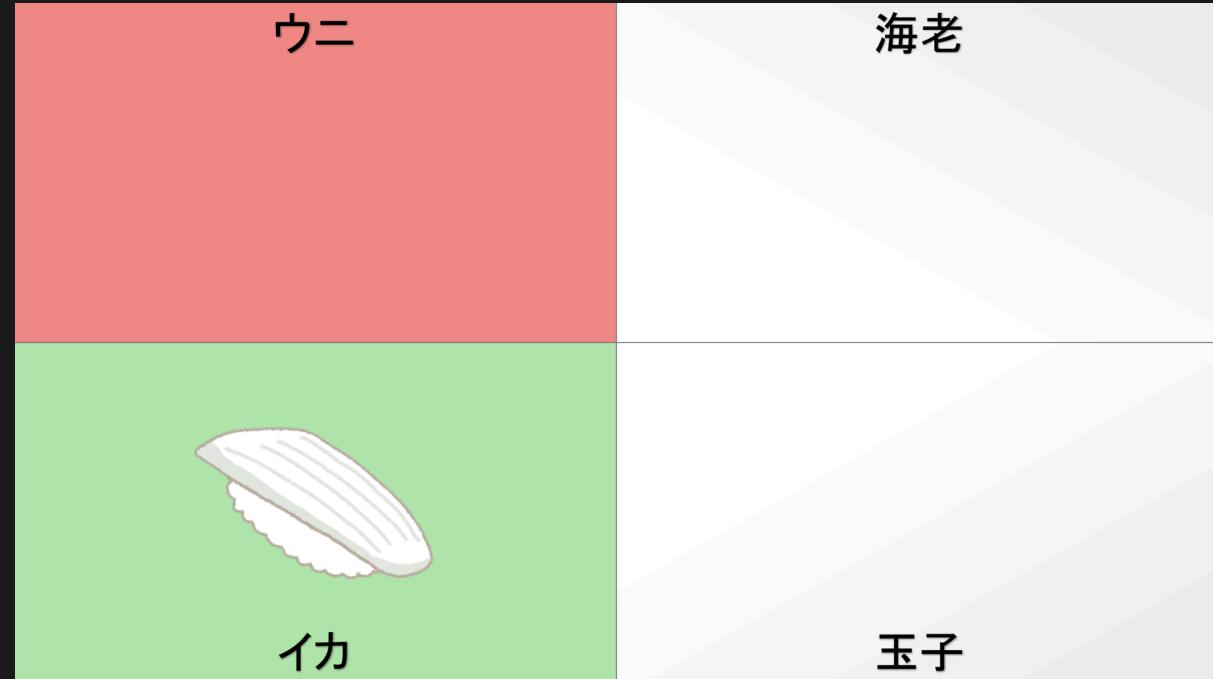


Can switch between Japanese and English



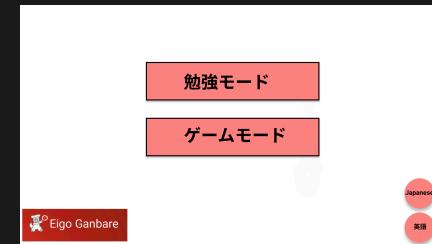
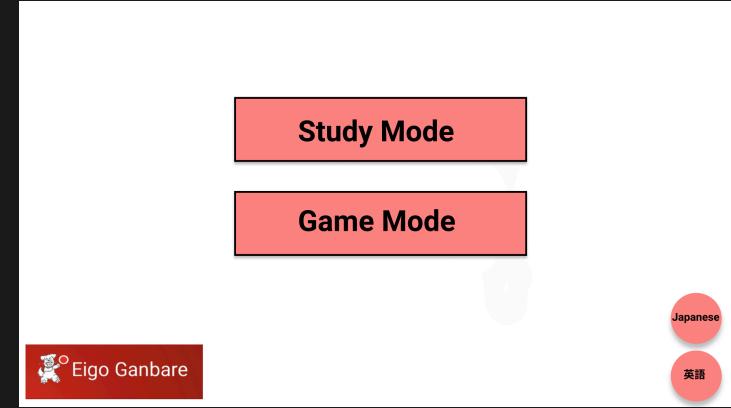
Mockup

An image with colors has been added into the high-fidelity mockup. When the image is dragged to wrong word, the background color changes to red. But, if the image is dragged to the correct word, then the background color turns green.



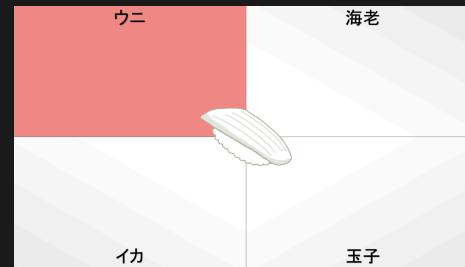
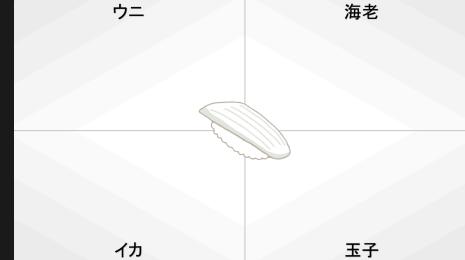
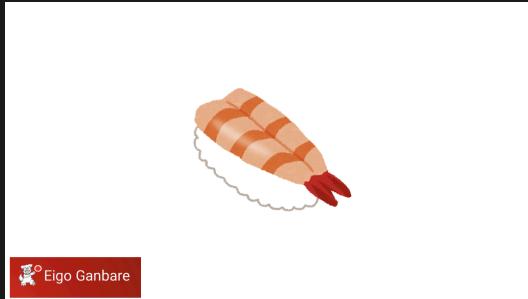


Tablet Mockups





Tablet Mockups - Study Mode & Game Mode

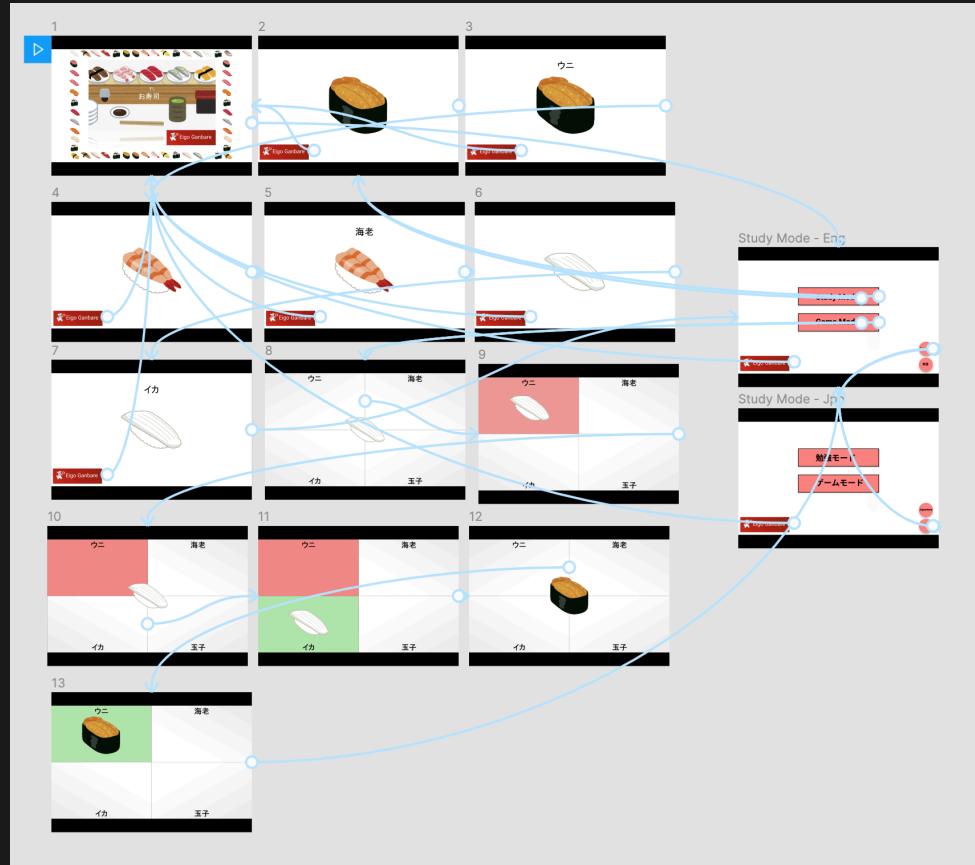




High-fidelity prototype

Here is a fully developed design that makes this app an interactive and engaging game to learn foreign words.

Click [this link](#) to view the high-fidelity prototype.





Let's connect!



Thank you for reviewing my work. If you would like to get in touch with me, my contact information is provided below.

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Thank you!