

Human Computer Interaction

Final Project Report:

Onigiri Project



Group Member Names:
Adrian Nugroho Basuki - 2702298210
Jonathan Leewin - 2702319455
Kevin Jonathan - 2702342823

Table of Contents

| Table of Contents | | |
|--|--|-----------|
| Table of Contents | | 2 |
| 1. Description of the prototype | | 3 |
| 2. Problem analysis | | 6 |
| 3. Persona | | 8 |
| 4. Diagrams a. Information Architecture b. Task Flow c. Use Case | | 9 |
| 5. Design Visualisation a. Storyboard b. Mock-up for multiple designs | | 11 |
| 6. Prototype a. Screenshot b. GitHub Link | | 16 |
| 7. Plan of Usability Testing | | 28 |
| 8. References | | 29 |

1. Description of the prototype

a. Introduction

Onigiri is a Japanese course website designed to guide learners seamlessly through their journey in learning the Japanese language. Our prototype of the website includes a homepage, a dashboard page, a pricing page, with a checkout system, an all courses page that contains courses that covers topics on grammar, kanji, and pronunciation, and a simulation quiz system to simulate JLPT (Japanese-Language Proficiency Test).

b. Homepage

As users enter the website, they are greeted with our welcoming homepage. The top of the homepage shows a header with a top bar, which contains interactive elements, such as the signup and login buttons on the right hand side, as well as Onigiri's logo on the left hand side. The signup and login buttons redirect users to another page which lets users input their credentials to access the main part of the website. The rest of the header, below the top bar, features a serene and captivating image of a blooming sakura tree, symbolising the beauty and elegance of Japanese culture, and a text saying "Japanese Mastery in a Flash" with a larger Sign Up button below it, convincing the users to create an account and learn the Japanese language using Onigiri. As users scroll down, they will be provided with various types of information about the course and learning Japanese language in general, such as the importance of Japanese language, an activity video, location of the course headquarters, Onigiri's services, user testimony, and finally, a 'contact us' form, so that the users could contact onigiri if they have any inquiries.

c. Dashboard

After signing up or logging in, users will be redirected to the dashboard page which displays the progress of the current courses that the user is taking, which could be clicked to redirect users to the specified course, the streak of days which the user have logged in for, and a special 'word of the day' section which contains a flashcard of a japanese word which shows the meaning and pronunciation when the user clicks on it. On the top right corner, the dashboard shows the user's name and profile picture which could be clicked to reveal a dropdown box which serves as a navigation element which allows users to go to the profile page, settings page, or log out (return to the homepage). Other than that, the dashboard also has a sidebar which allows

users to easily navigate around the website. The sidebar contains links to the all courses page, pricing page, and simulation page. On devices with smaller resolution, the sidebar and the user profile information would be hidden and replaced with a hamburger button on the top right corner of the dashboard. The hamburger button reveals the sidebar on the left side of the dashboard as the users click it.

d. Courses

The all courses page has the same sidebar and user profile information as the dashboard. It contains all the courses that are provided by Onigiri with additional features, such as the search bar and a filter system, that allows users to quickly find the courses they wish to start or continue. The types of courses that are available are categorised into three main types, which are: grammar courses, kanji courses, and pronunciation courses.

When the user clicks on a grammar course, they are redirected to another page which presents them with a blue header with a small navigation bar under it that allows users to return to the all courses page. Before showing the main content, the page shows the user's progress in the course by displaying a progress bar, alongside another lesson progress system which shows the step or chapter that the user is currently in, as well as the previous and upcoming chapters. The circle which shows the step that the user is currently in would show a pulsing glow around it and clicking it would redirect the users to the specified chapter. Below the lesson progress section lies the main content of the page, a tree of chapters. As users scroll down through the content, they would find nodes with colours that would progressively darken as the users go further down the page. Clicking the nodes would redirect the users to the chapters of the lesson.

When a kanji course is clicked, they are redirected to another page which presents them with a red header with the same navigation bar as the grammar page. The main content of this page shows containers filled with cards of Japanese kanji characters. When the cards are clicked, a pop up would be revealed, showing information about the kanji character: the stroke order, its meanings in English, the Kunyomi and Onyomi readings, and the stroke count. There are two buttons in the pop up. The first button repeats the kanji's stroke animation when clicked, and the second one marks the kanji as complete and changes the background colour of the button, as well as the card to green. The function of the second button is to keep track of which kanjis have been learned by the user.

The last type of course would be the pronunciation course. When the user clicks on a pronunciation course, they would be redirected to another page which uses the same style as the grammar course: the blue header with

the navigation bar, the lesson progress tracker, and the tree of chapters with nodes. Each node would lead to another page with lesson content about pronunciation.

e. Pricing

The pricing page has the same sidebar and user profile information as the dashboard. It displays three cards that show the available packages that the course offers, so users could purchase more courses and access even more learning materials that the package includes. Each card contains an unordered list of the things included in the package, the price of the package, and an “Add to Cart” button. Packages that are already purchased would not have an “Add to Cart” button, but it would instead show an unclickable box with the text “Purchased”.

The “Add to Cart” button redirects users to the checkout page when it is clicked. The checkout page displays the available payment options the users could choose from, a form which requests the users for their payment credentials, as well as a credit card visual (available for larger screen sizes) which changes its design based on which payment option the user chooses and changes the information inside it based on the credentials that the users input in the form. Other than that, there is also a previous step button, which returns the user to the pricing page, and a “Pay” button that displays a pop up when clicked by the users. The pop up would only show when the user has filled in every input field. It shows a text that says “Payment Successful” and a button that returns the users to the pricing page.

f. Simulation

The simulation page uses the same sidebar and user profile information as the dashboard. It provides simulation quizzes to prepare the users for the JLPT (Japanese-Language Proficiency Test). The main content of this page is similar to that of the all courses page, however it does not have a filtering system nor a search system, as there are way less options to choose from. Each of the simulation quizzes in the simulation page lead to the start page of the simulation quiz, where users can read the quiz instructions and enter their name, but it restricts the users from doing the quiz if the users have not started the course of the JLPT (Japanese-Language Proficiency Test) level being tested by the simulation quiz.

Other than the set of instructions for the quiz, an input for the user’s name, and a start button, the start page also provides a back button to return

the users to the simulation page. When the users are ready to take the simulation quiz, they can click the start button. The website then presents them with another page for the quiz itself. For every question, the quiz page shows which question the user is on, a progress bar on the top left corner to see how far the user is in doing the test, a score counter on the top right corner, the question itself, and four multiple choice options for the users to choose from. After choosing an answer, the user gets presented with the next question and the quiz progress bar would slowly fill up. If the user chooses the correct answer, the container of the answer would turn green, indicating that the user answered correctly, and the score counter would increase. If the user chooses the incorrect answer, the container of the answer would turn red, indicating that the user answered incorrectly, and the score counter would not change.

At the end of the quiz, the users would automatically get redirected to a results page with their score from the quiz and the username that they inputted at the start page. The outcomes would be different for a user that passed the quiz and for a user that failed the quiz. If the user scored 60 points or higher on the quiz, they would get redirected to the pass page that uses green colours for the elements, indicating that they have passed, and a text that says “Congratulations, username”, where username is the name that the user input in the beginning, and if the users, while if the user scored below 60 points, they will be redirected to the fail page which has red-coloured elements, indicating that the user did not pass, and a text that says “Better luck next time, username”, where username is the name that the user input in the beginning. Both outcomes of the quiz have a back button located at the bottom of the results page which brings the user back to the simulation page.

2. Problem analysis

Japanese language learning apps grapple with a series of challenges that demand our focused attention to elevate their effectiveness. A crucial concern revolves around the inadequacy in kanji instruction, leaving learners navigating the complexities of written Japanese without ample support. Furthermore, the absence of clear explanations for intricate grammar structures hampers users' ability to grasp and apply fundamental rules. A significant challenge arises from overlooking the importance of cultural context, a key aspect of real-world communication. Integrating cultural nuances becomes imperative to empower learners for practical interactions. Additionally, the absence of personalization features results in a rigid, one-size-fits-all approach, limiting adaptability to the diverse learning styles of our user base.

Moreover, the limited opportunities for pronunciation practice, speaking, and listening exercises hinder the holistic development of language skills. While we've incorporated gamification elements for engagement, finding the right balance is crucial to prevent user fatigue. Technical glitches, including app crashes and slow loading times, disrupt the learning experience, causing frustration among our users. Inadequate feedback mechanisms compound the issue, hindering learners' ability to track progress and identify areas for improvement. Cost considerations and accessibility issues, particularly restricted language support, present formidable barriers to expanding our user base.

Recognizing these challenges is the first step toward a comprehensive solution. By strategically enhancing instructional content, refining interface design, integrating cultural elements, introducing personalised features, and fortifying technical aspects, we can collectively elevate the Japanese language learning app experience for our stakeholders.

3. Persona



Michelle Jacqueline Fraser
Student at 京都先端科学大学(KUAS)

| | |
|------------------------|--------------------------------|
| Age: 18 years | Country: Japan |
| Sex: Female | Education: undergraduate |
| Marital status: Single | Occupation: Software Developer |

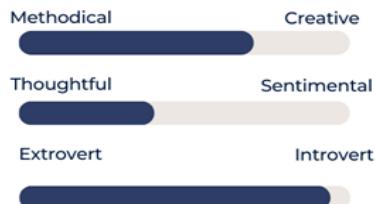
BIOGRAPHY

Michelle Jacqueline Fraser, originally from Indonesia, moved to Japan for her undergraduate studies in Mechanical Engineering. She has recognized the importance of learning the Japanese language during her stay in Japan but finds traditional language courses expensive and time-consuming.

GOALS AND OBJECTIVES

- Engineering Success
- Learn Japanese Efficiently
- The Balance Of Cultural Immersion
- Maintain a healthy study-life balance.

PERSONALITY



TASTES AND HOBBIES



EDUCATION

Michelle is an 18-year-old undergraduate student at 京都先端科学大学 (KUAS) in Kyoto, Japan, pursuing a bachelor's degree in Mechanical Engineering. While her primary focus is on engineering, she is keen to learn Japanese to enhance her daily life in Japan.

SKILLS

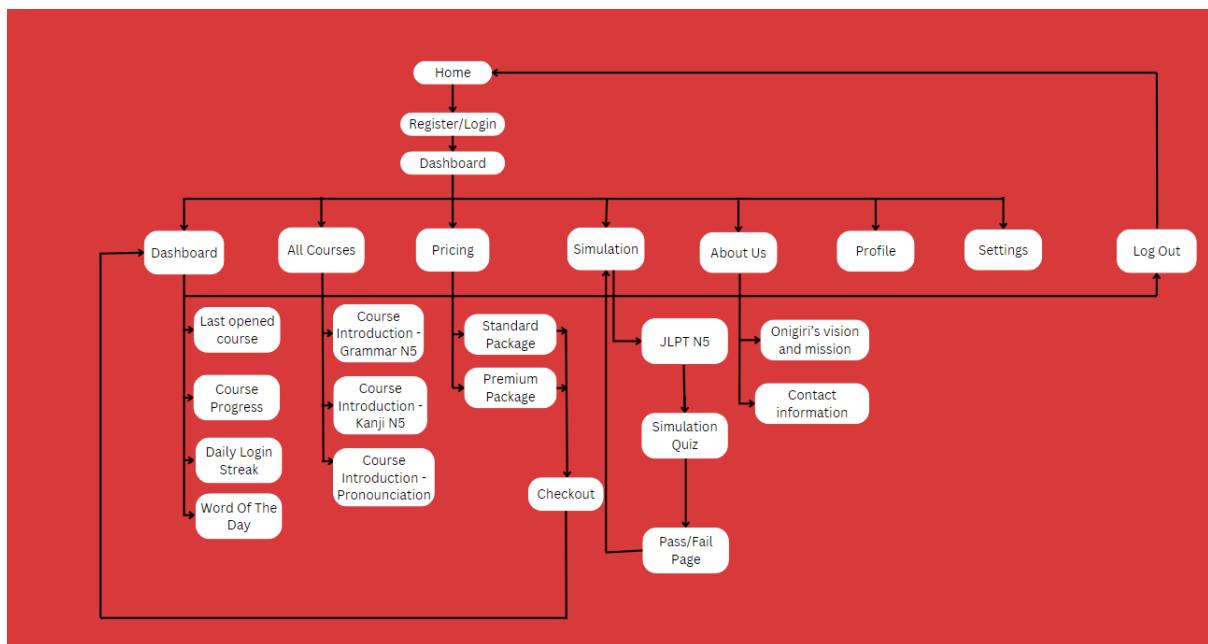
| | |
|------------------------------|---|
| Internet |  |
| Problem Solving |  |
| Cross-Cultural Communication |  |
| Adaptability |  |

FRUSTRATION

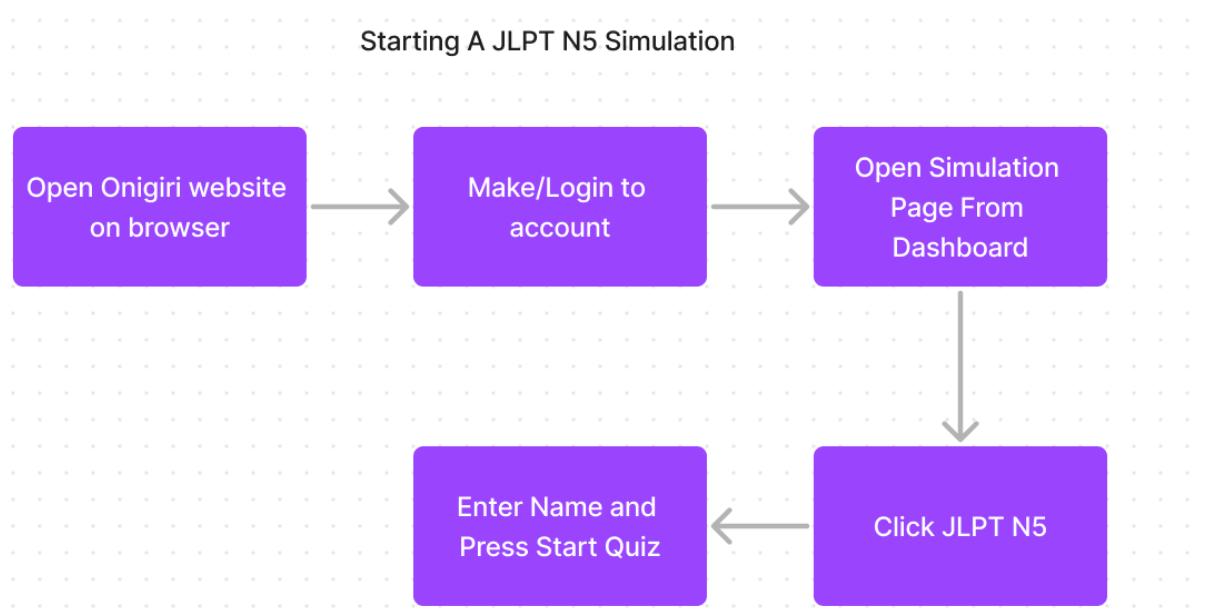
Michelle Jacqueline Fraser's frustrations stem from language barriers, time constraints balancing engineering studies and Japanese learning, financial limitations, cultural misunderstandings, and academic challenges in her life as an international student.

4. Diagrams

a. Information Architecture

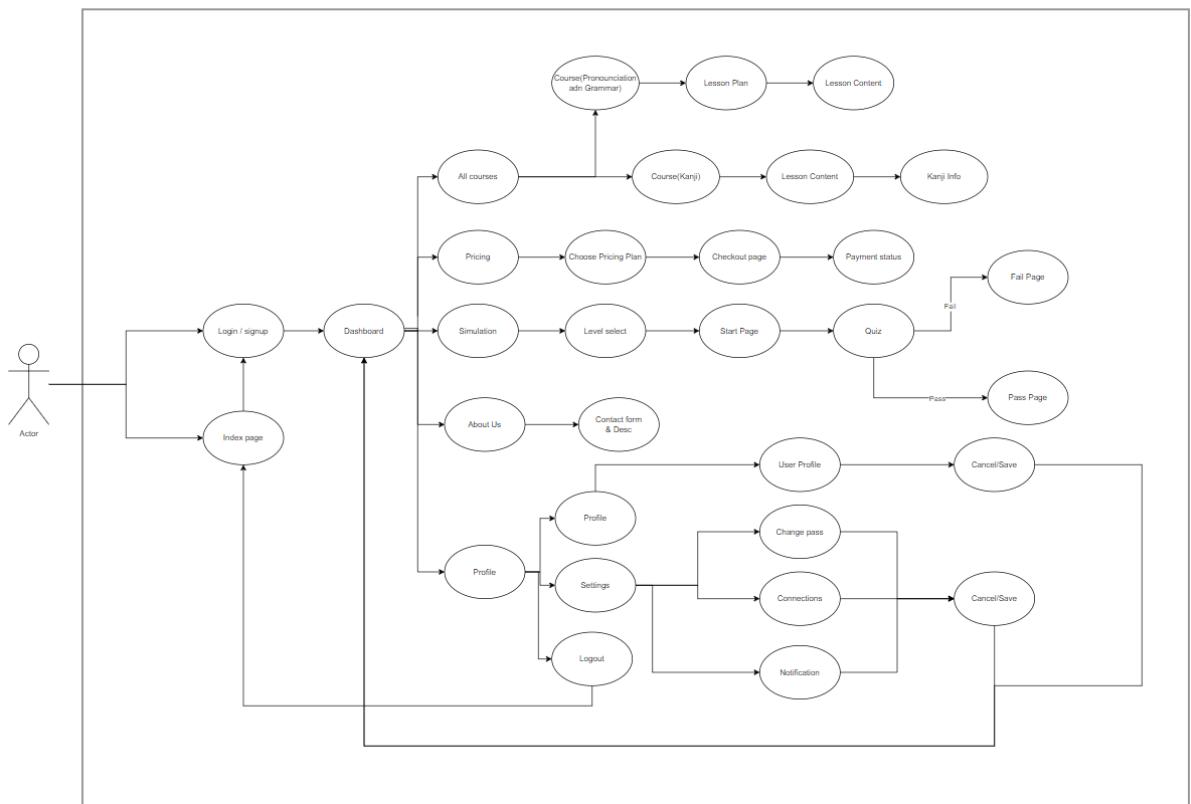


b. Task Flow



c. Use Case

Onigiri Use case diagram



5. Design Visualisation

a. Storyboard

Persona: Michelle Jacqueline Fraser (Undergraduate Student)
Scenario: Purchasing a new plan

Storyboard



Michelle wants to start her journey in learning the Japanese language by purchasing a new plan from the course website.



She opens the website on her browser and accesses the home page of the website.



She then clicks the Log In button on the navigation bar of the home page and the website redirects her to the login page asking for her login credentials.



Upon logging in to her account, the website redirects her to the dashboard with a lot of options in the sidebar. She chooses the "Pricing" option that is available in the sidebar.



The website redirects her to the "Pricing" page, allowing her to select the suitable study plan.



The website redirects her to the "Check Out" page, allowing her to pay for the suitable study plan.

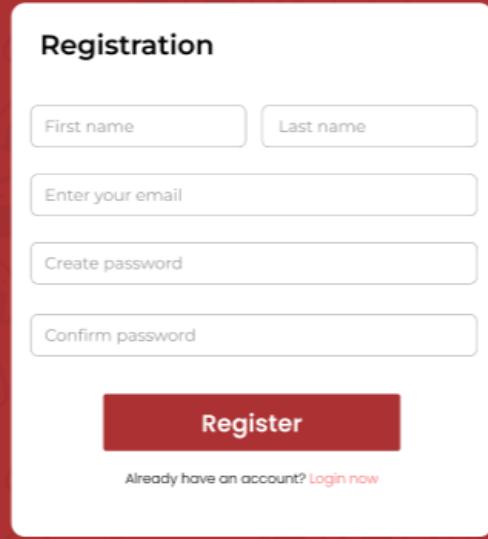


The website opens up a "Thank-you" pop up, showing that her order is confirmed and she successfully did her purchase.

b. Mock-up for multiple designs

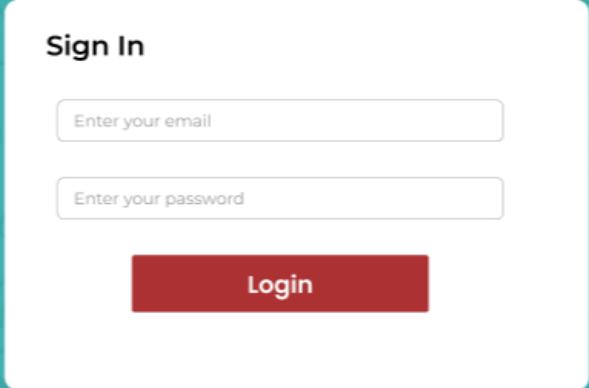
Login Page mock-ups:

Desktop - 4

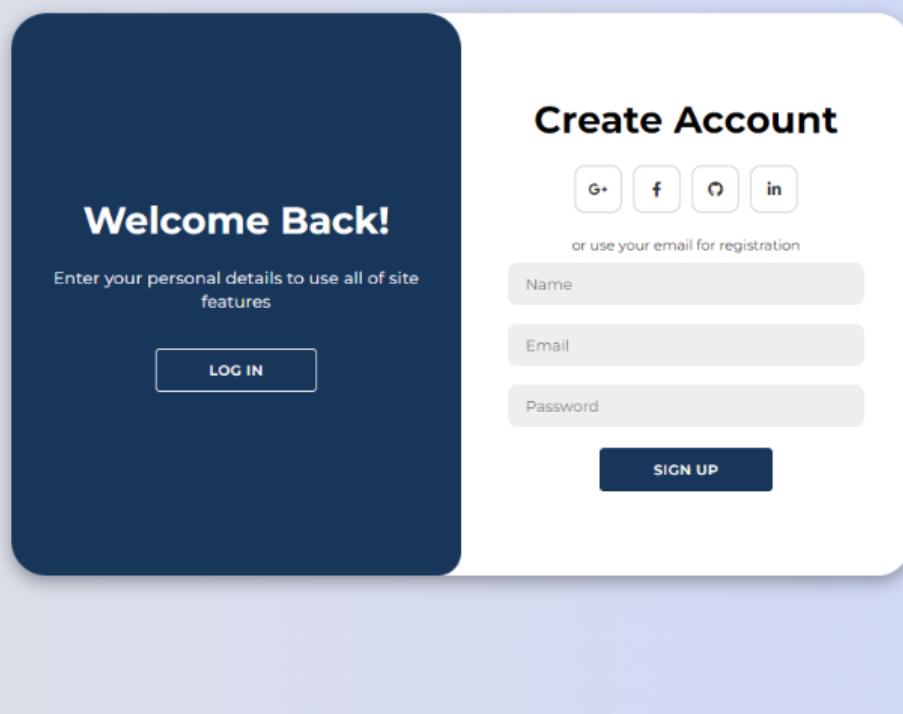
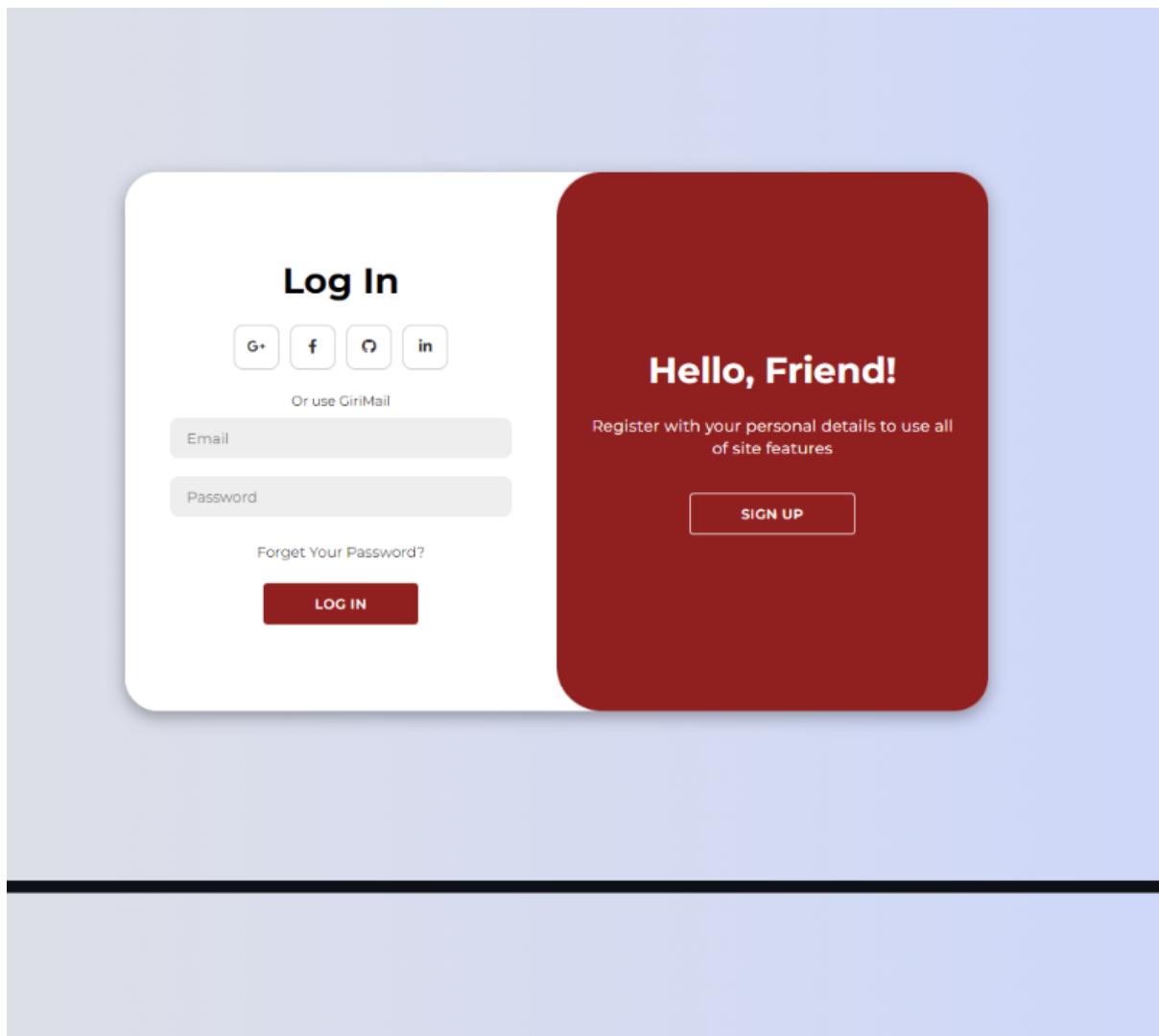


A registration form titled "Registration". It contains four input fields: "First name" and "Last name" (side-by-side), "Enter your email", "Create password", and "Confirm password". Below the fields is a large red "Register" button. At the bottom, a link says "Already have an account? [Login now](#)".

Desktop - 5



A sign in form titled "Sign In". It contains two input fields: "Enter your email" and "Enter your password". Below the fields is a large red "Login" button.



Lesson Content mock-ups:

Lesson Content



Basic Level



Intermediate Level

- ✓ Study Time Of 6 Months
 - ✓ This program introduces basic communication skills, reading comprehension, and writing.
- ✓ Study Time Of 6 Months
 - ✓ Study and practice daily conversation, comprehension in reading and writing.



Advance Level (1)

- ✓ Study Time Of 6 Months
- ✓ This program focuses on high-level grammar lessons, including essay writing preparation and interview preparation for university entrance exams.



Advance Level (2)

- ✓ Study Time Of 6 Months
- ✓ Learn about Japanese culture and general knowledge. Using newspapers and videos as learning materials to develop high-level Japanese communication skills that students will need in life at university.

Lesson Content

| Level | Study Period | Extra Info |
|-------|--------------|--|
| N5 | 200 Hours | This program introduces basic communication skills, reading comprehension, and writing. |
| N4 | 400 Hours | Study and practice daily conversation, comprehension in reading and writing. |
| N3 | 800 Hours | This program focuses on high-level grammar lessons, including essay writing preparation and interview preparation for university entrance exams. |
| N2 | 1600 Hours | Learn about Japanese culture and general knowledge. Using newspapers and videos as learning materials to develop high-level Japanese communication skills that students will need in life at university. |

Dashboard mock-ups:

This mock-up shows the main dashboard of the Onigiri platform. At the top left is the logo "Onigiri Learn Japanese". The top center features the title "Dashboard". On the top right is a user profile picture of Ida Bagus Kerthyayana M. The left sidebar contains navigation links: "Dashboard", "All Courses", "Add Courses", and "Contact Us". Below the sidebar is the main content area, which currently displays the "Onigiri®" logo and the copyright notice "Onigiri © All Rights Reserved 2023".

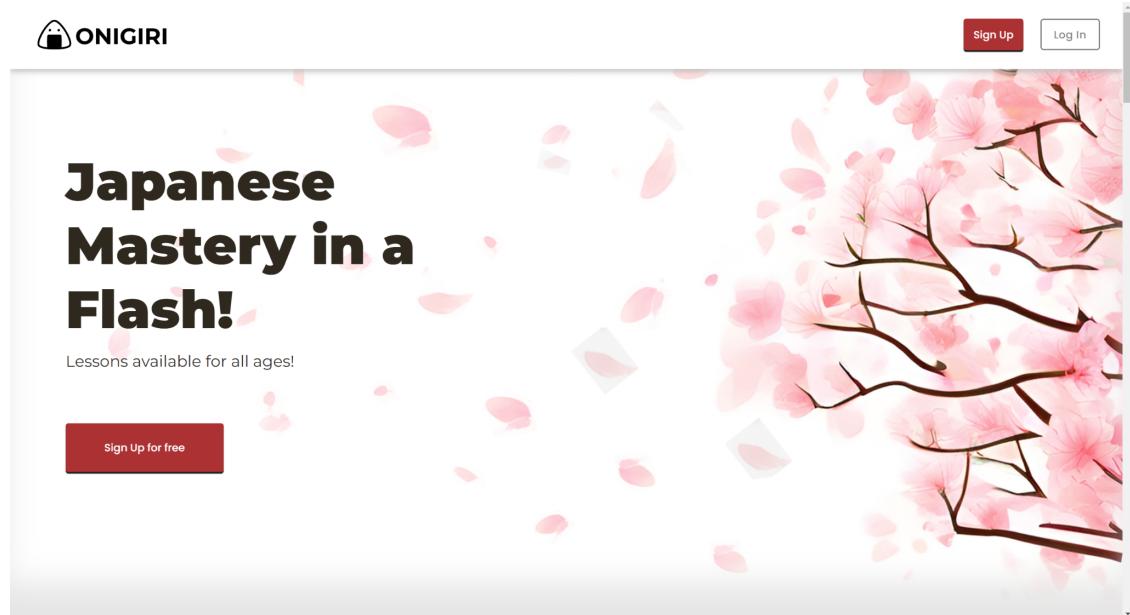
This mock-up is similar to the first one but features a solid red sidebar on the left side instead of the standard grey. The rest of the interface, including the header, user profile, and main content area, remains identical to the first dashboard mock-up.

This mock-up shows the "All Courses" page. The top navigation bar includes the "All Courses" link. The main content area displays four large, colored rectangular boxes arranged in a 2x2 grid: a blue box at the top-left, a red box at the top-right, a red box at the bottom-left, and a dark blue box at the bottom-right. To the right of the main content is a sidebar with a user profile for Ida Bagus Kerthyayana M. and a "Filter" section with options "All", "Completed", and "Favourite". The left sidebar is identical to the ones in the previous mock-ups, featuring the Onigiri logo, navigation links, and the "Onigiri®" copyright notice.

6. Prototype

a. Screenshot

Home Page



ONIGIRI

Importance of learning Japanese

Learning Japanese is crucial in our globalized world. Proficiency in the language offers diverse opportunities in business, trade, and cultural exchange. Japan's leadership in technology and entertainment makes language skills highly valuable professionally. Beyond career benefits, it deepens appreciation for Japanese traditions and fosters cross-cultural understanding, enhancing global engagement.

Education Program

Special education program for preparation for entering advanced school (Higher Education Course).

Educational program to improve Japanese language skills (General Course).



ONIGIRI

Activity Videos
Kouyou Language Institute

ONIGIRI

Services

Beginner Japanese Course

Learn basic Japanese vocabulary and grammar in a structured and interactive course.

Conversational Japanese Course

Improve your speaking skills and fluency in everyday conversations with native Japanese teachers.

Japanese Culture and Etiquette Course

Gain a deeper understanding of Japanese customs, traditions, and social etiquette.

ONIGIRI

Location

Jl. Jenderal Sudirman, Gelora, Kecamatan Tanah Abang, Kota Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10270

Onigiri offers an exceptional Japanese course experience! The instructors are knowledgeable and friendly, making learning enjoyable. The curriculum is well-structured, allowing me to quickly grasp the language. Thank you, Onigiri, for helping me achieve my language goals!

- Michelle



[Sign Up](#)[Log In](#)

Contact Us

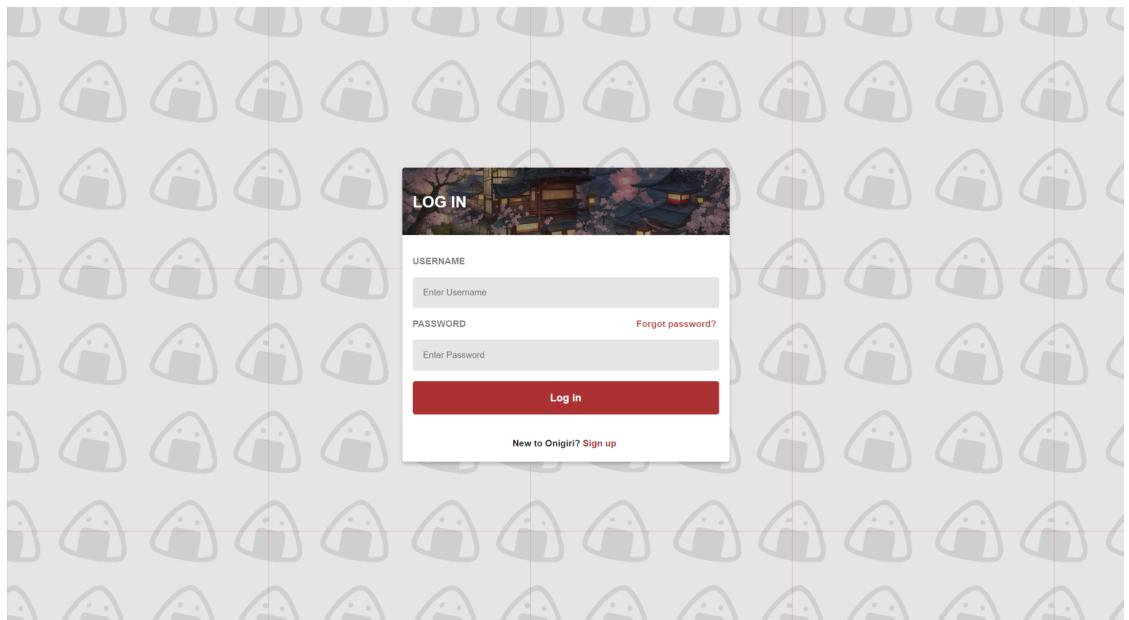
Name

Email

Message...

Copyright © 2023. Design by Onigiri group.

Login Page



The login page features a background pattern of gray onigiri (rice balls) with faces. A central modal window contains the login form.

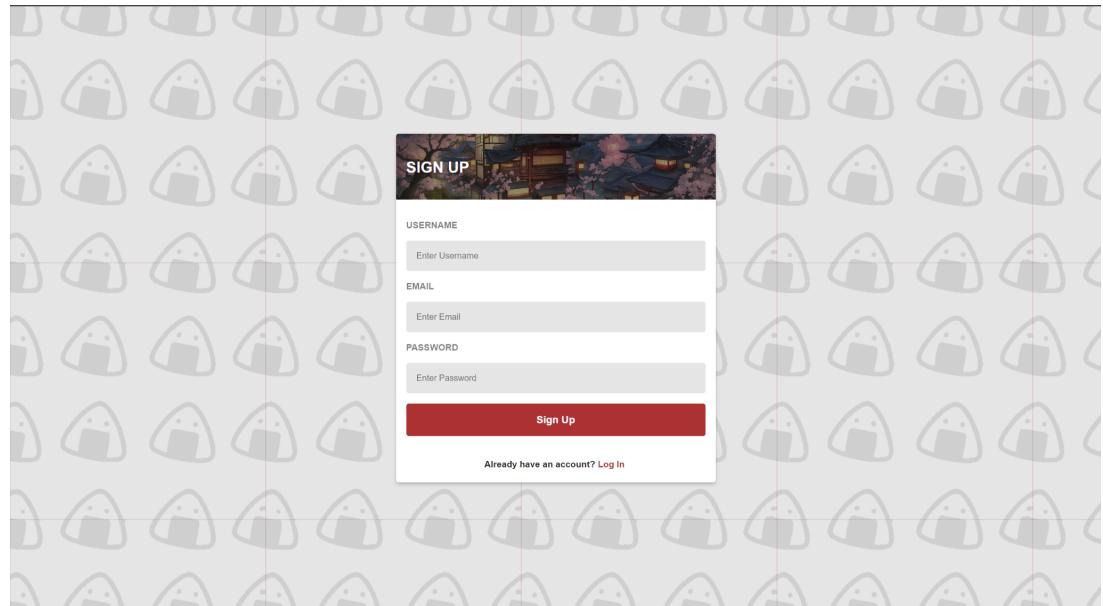
LOG IN 

USERNAME

PASSWORD [Forgot password?](#)

New to Onigiri? [Sign up](#)

Signup Page



Dashboard

Onigiri
Learn Japanese

Dashboard

- Dashboard
- All Courses
- Pricing
- Simulation
- About Us

My Courses

Skip All Assessments Edit Courses

| | | |
|--|-------------------------------------|-----------------|
| | Course Introduction - Grammar N5 | 35/67 Completed |
| | Course Introduction - Kanji N5 | 8/12 Completed |
| | Course Introduction - Pronunciation | 3/10 Completed |

Browse All Courses

Word Of The Day
December 15, 2023

素朴

Daily Login Streak
21/30 Days

Onigiri®

Onigiri ©
All Rights Reserved 2023

Ida Bagus Kerthayana M.

All Courses

The screenshot shows the 'All Courses' section of the Onigiri Learn Japanese website. At the top, there's a navigation bar with links to 'Dashboard', 'All Courses' (which is the active page), 'Pricing', 'Simulation', and 'About Us'. To the right of the navigation is a search bar labeled 'Search For Courses' with a magnifying glass icon. Below the search bar is a user profile for 'Ida Bagus Kerthayayana M.' with a small profile picture.

The main content area displays three course cards, each with a circular level indicator (N5) and a title:

- Course Introduction - Grammar N5**: Describes the module as building a sturdy language base from simple sentences to complex sentence structures. It includes 28 lessons and 2 assessments.
- Course Introduction - Kanji N5**: Describes the module as unlocking the foundation of written Japanese through strokes, meanings, and usage of essential characters. It includes 12 lessons and 1 assessment.
- Course Introduction - Pronunciation**: Describes the module as mastering intonation, phonetics, and speech nuances. It includes 10 lessons and 1 assessment.

To the right of the courses is a 'Filters' sidebar with sections for 'Level' (N2, N3, N4, N5), 'Lesson Type' (Grammar, Pronunciation, Kanji), 'Media Format' (Text, Audio, Video), and 'Progress' (Completed, Studying, Not Started).

At the bottom left, there's a footer with the 'Onigiri®' logo and 'All Rights Reserved 2023'.

Pricing Page

The screenshot shows the 'Pricing' page of the Onigiri Learn Japanese website. At the top, there's a navigation bar with links to 'Dashboard', 'All Courses', 'Pricing' (active), 'Simulation', and 'About Us'. To the right is a user profile for 'Ida Bagus Kerthayayana M.'.

The main heading is 'Find the Japanese course plan that's right for you.' Below it, a subtext reads 'Join 10,000+ learners in our comprehensive Japanese course for all levels.'

The page features three package options:

- Basic Package** (**FREE**): Described as learning the essentials of Japanese with core lessons, interactive exercises, and basic cultural insights. Includes:
 - ✓ Core Lessons
 - ✓ Interactive Exercises
 - ✓ Cultural Insights
 - ✓ Vocabulary Building
 - ✓ Progress Tracking
 - ✓ Limited Access to Resources
- Standard Package** (**\$9.99/month**): Described as advancing Japanese skills with expanded lessons, live webinars, and enriched cultural immersion. Includes:
 - ✓ Everything In Basic Package
 - ✓ Expanded Lesson Library
 - ✓ Enhanced Interactive Exercises
 - ✓ Deeper Cultural Insights
 - ✓ Live Webinars or Q&A Sessions
- Premium Package** (**\$19.99/month**): Described as getting personalized coaching, exclusive access to workshops, and 24/7 priority support for a comprehensive learning journey. Includes:
 - ✓ Everything In Standard Package
 - ✓ Advanced Interactive Exercises
 - ✓ Mastery-level Grammar Modules
 - ✓ Extensive Cultural Immersion
 - ✓ Certificate of Mastery

Below the packages are three buttons: 'Purchased' under the Basic Package, 'Add to Cart' under the Standard Package, and 'Add to Cart' under the Premium Package.

At the bottom left, there's a footer with the 'Onigiri®' logo.

Simulation

The screenshot shows the 'Simulation' section of the Onigiri website. On the left, there's a sidebar with a logo, navigation links for Dashboard, All Courses, Pricing, Simulation (which is selected and highlighted in blue), and About Us. Below the sidebar, it says 'Onigiri®' and 'Onigiri © All Rights Reserved 2023'. The main content area is titled 'JLPT Simulation' and lists four quizzes: JLPT N5 (Basic Japanese quiz covering essential vocabulary and grammar for everyday communication, 17 Questions, Status: Unlocked), JLPT N4 (information to be filled, 17 Questions, Status: Locked), JLPT N3 (information to be filled, 17 Questions, Status: Locked), and JLPT N2 (information to be filled, 17 Questions, Status: Locked). At the bottom of the content area, there's a link 'Browse All Quizzes'. In the top right corner, there's a user profile for 'Ida Bogus Kerthayayana M.' with a small profile picture.

About Us

The screenshot shows the 'About us' section of the Onigiri website. The sidebar is identical to the one in the previous screenshot. The main content area starts with a title 'Welcome to Onigiri: Your Pathway to Japanese Language Mastery'. Below this, there are two sections: 'Inception and Passionate Founders' and 'Philosophy of Hands-On Proficiency'. The 'Inception and Passionate Founders' section states: 'Founded on September 12, 2023, by three passionate individuals—Adrian, Jonathan, and Kevin Jonathan—Onigiri stands as the epitome of a commitment to quality education in the realm of Japanese language acquisition. As an integral part of the esteemed Kouyou Language Institute group, our platform is dedicated to delivering a diverse array of recorded courses and interactive quizzes designed to foster an immersive learning environment for Japanese language enthusiasts.' The 'Philosophy of Hands-On Proficiency' section states: 'At Onigiri, our philosophy is deeply rooted in the notion that true proficiency in the Japanese language arises from hands-on experience. Guided by this vision, we endeavor to offer an online learning experience that encapsulates the collective expertise of our founders—Adrian, Jonathan, and Kevin Jonathan—each bringing a wealth of experience and a shared dedication to providing practical, invaluable learning opportunities in Japanese linguistics.' At the bottom of the content area, there's a section titled 'Transformative Learning Experience' which describes the website's mission to create an inclusive space where learners can explore various aspects of the Japanese language through curated courses and interactive quizzes. The bottom of the page includes the 'Onigiri®' and 'Onigiri © All Rights Reserved 2023' footer text, and a user profile for 'Ida Bogus Kerthayayana M.' with a small profile picture in the top right corner.

Check Out Page

Check Out

ONIGIRI

Select a payment option and complete your payment to confirm your order.

Payment Details

Name on Card: Ida Bagus Kerthayayana

Card Number: 4567 3456 3456 3456

Valid Through: 09/20 CVV: 444

PAY \$9.99

Course Introduction - Grammar N5

Course Introduction - Grammar N5

All Courses > Course Introduction - Grammar N5

Lesson Progress

52% Complete

- Te Form
- 36
- Present Tense
- Expressing Probability

Lesson Chapters

1

本書について (Introduction)

This lesson provides a systematic breakdown of key rules, offering practical insights to help learners construct accurate and meaningful sentences in Japanese.

[Read more](#)

Introduction to Grammar N5

Introduction to Grammar N5

Start your journey in learning Grammar N5

[Mark Complete](#)

All Courses > Course Introduction - Grammar N5 > Introduction

Introduction to Japanese

About the Course

Onigiri is your gateway to mastering the Japanese language. Our online course provides a comprehensive learning experience for beginners, focusing on the essentials of listening, speaking, reading, and writing in Japanese.

What You'll Learn

Discover the beauty of the Japanese language through engaging lessons designed to build a solid foundation. From basic greetings to everyday conversations, Onigiri covers essential grammar, vocabulary, and cultural insights to make your learning experience rich and meaningful.

Course Highlights

The Japanese Writing System



The Japanese Writing System

[Mark Complete](#)

All Courses > Course Introduction - Grammar N5 > introduction

Japanese Writing Systems

Types of Letters in Japanese

Hiragana: Phonetic sounds, used for particles, words, and parts of words.

Katakana: Phonetic sounds, used for foreign/loan words.

Kanji: Chinese characters, used for the stem of words, conveying meaning and sound.

“I am an illustrator.”

| watashi | wa | ira | suto | reita | a | desu |
|---------|----|-----|------|-------|---|------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |

Introduction to Hiragana

The screenshot shows the 'Introduction to Hiragana' course page. At the top, there is a small thumbnail image of a person standing in front of a building. To the right of the thumbnail, the title 'Introduction to Hiragana' is displayed in bold, followed by the subtitle 'Start your journey in learning Hiragana'. Below the title is a 'Mark Complete' button. A navigation bar at the bottom of the page shows 'All Courses > Course Introduction - Hiragana > Introduction'. The main content area is titled 'Introduction to Hiragana' and contains a section titled 'Understanding Hiragana'. It explains that Hiragana is the fundamental Japanese alphabet, unlike the English alphabet where each character represents a single sound, Hiragana represents distinct syllable sounds. It notes that with 46 characters, Hiragana is organized in a commonly recognized sequence. Below this text is a large heading 'INTRODUCTION TO HIRAGANA' in red capital letters. Underneath the heading is a horizontal line of Japanese characters: わ ら ゃ め キ は た た ザ カ あ, followed by a small dot and the letter 'A'.

Course Introduction - Kanji N5

The screenshot shows the 'Course Introduction - Kanji N5' course page. At the top, there is a red header bar with the course title 'Course Introduction - Kanji N5'. Below the header, a navigation bar shows 'All Courses > Course Introduction - Kanji N5'. The main content area is titled 'Lesson Chapters'. Underneath this, there is a section titled 'Level 1' which contains a 3x4 grid of numbered boxes. The numbers are: 一, 二, 三, 四 (top row), 五, 六, 七, 八 (middle row), and 九, 十, 百, 千 (bottom row).

Course Introduction - Pronunciation N5

The screenshot shows the course introduction page for 'Pronunciation N5'. At the top, it says 'Course Introduction - Pronunciation N5' and 'All Courses > Course Introduction - Pronunciation N5'. Below this is the 'Lesson Progress' section, which displays five numbered steps: 1. When Is Pitch Accent, 2. Pitch Accent Basics, 3. Pitch Accent Golden Rules, 4. Pitch Accent O vs 2, and 5. Polite Verb conjugation. A progress bar indicates '0% Complete'. The 'Lesson Chapters' section follows, featuring a large image of a person speaking, a title 'What is Pitch Accent', a description, and a 'Mark Complete' button.

Introduction To Pitch Accent

The screenshot shows the 'What is Pitch Accent' chapter page. It includes a title 'What is Pitch Accent', a sub-section 'Introduction to Pitch Accent (PA)', a description of PA's role in Japanese pronunciation, a section 'Why PA Matters' with a note about its difference from English stress, and a section 'Avoiding Pronunciation Pitfalls' with a note about common mistakes made by English native speakers. A 'Mark Complete' button is also present.

N5 Simulation Start Page

N5 Language Proficiency Test Online Quiz

言語知識(文字・語彙・文法)・読解・聴解
Language Knowledge (Vocabulary/Grammar) /Reading / Listening

詳しい内容なら、下記の通りになります:
The details are as follows:

注意 - Notes:

このプロセスにおいて行う決定は不可逆的です。一度オプションを選択されると、再考や修正の余地は一切ございませんので、慎重にお選びください。
Understand that the decisions you make in this process are irreversible. Once you select an option, there is no allowance for reconsideration or modification.

この試験は全部で17問があります。各問にはそれぞれページ1つ対応しています。
In this exam, there are a total of 17 questions, with each question corresponding to one page.

名前 - Name:

Start Quiz

Go Back to Simulation

N5 Simulation Quiz

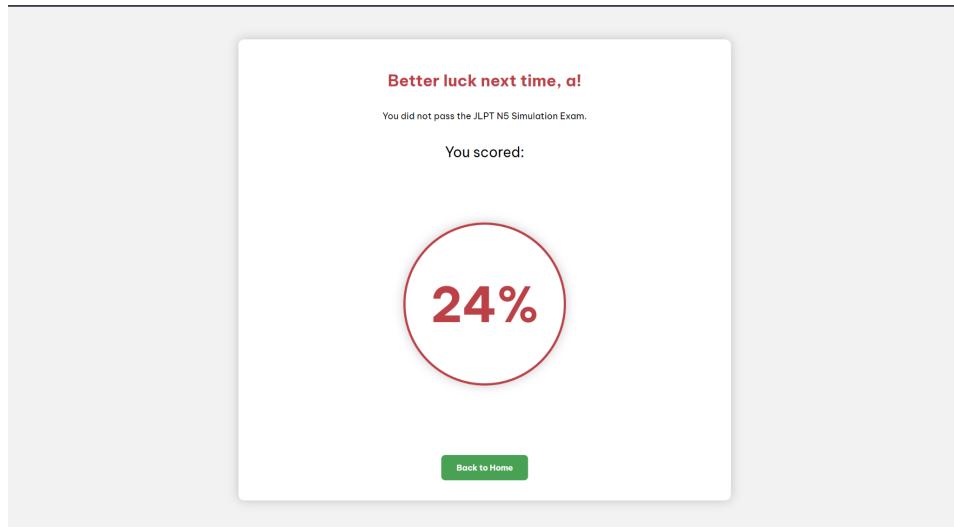


もんたい1) <> の なかの ことばは ひらがなで どう かきますか。A・B・
C・D から いちばん いい ものを ひとつ えらんで ください

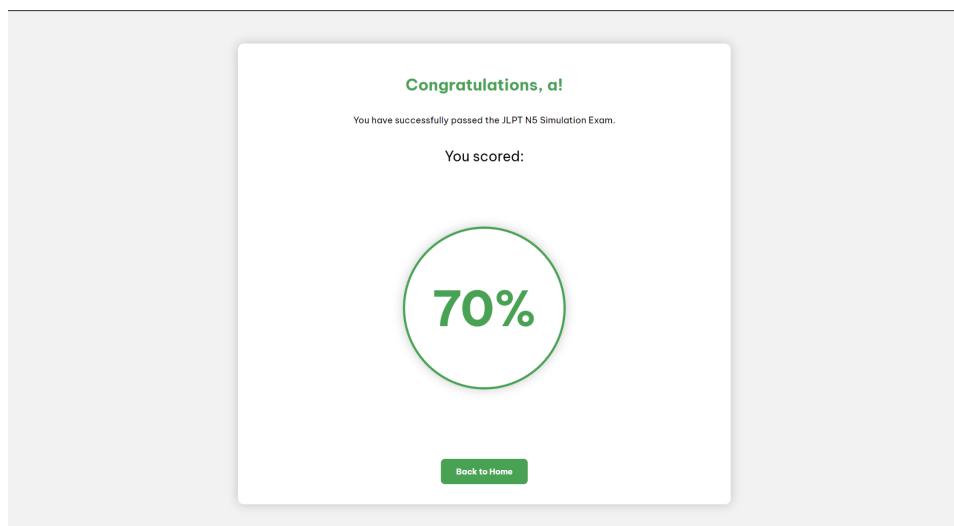
きょうは いい <天気> ですね

| |
|-------|
| A てんさ |
| B てんち |
| C でんき |
| D でんち |

Fail Page



Pass Page



b. GitHub Link

Repository Link: <https://github.com/L1M1N4L/Onigiri-Project>

Live Link: <https://l1m1n4l.github.io/Onigiri-Project/>

7. Plan Of Usability Testing

Usability Testing Plan: Onigiri Project

Objective: The primary goal of this usability testing is to evaluate the user experience and functionality of the Onigiri Project platform, identifying potential issues and gathering user feedback for improvements.

Participants:

- Target Audience: Individuals interested in learning Japanese language and culture.
- Sample Size: Aim for 5-10 participants for diverse feedback.
- Criteria: Participants should represent different proficiency levels in Japanese (beginner, intermediate, advanced) and diverse demographics.
- Invitation: Invite participants through social media posts or by emailing them directly. When inviting participants, do not use vocabulary that may trigger anxiety, such as 'examination' or 'test subject', describe the details of the activity (time, location, tasks) and include the contact details of the people conducting the event.

Methodology:

1. **Tasks and Scenarios:** Develop a set of tasks representing typical user interactions:
 - Navigate the homepage and explore available courses.
 - Register for a course of interest.
 - Access a lesson and complete an exercise.
 - Test the account management features (login, logout, profile settings).
 - Provide feedback on pricing and subscription options.
2. **Testing Environment:**
 - Location: A quiet, distraction-free environment.
 - Devices: Provide access to desktop/laptop and mobile devices.
 - Testing Software: Use screen recording software to capture interactions for analysis.
3. **Testing Procedure:**
 - Introduction: Brief participants on the purpose of the test and obtain consent for recording.

- Task Assignments: Assign tasks while encouraging participants to think aloud.
- Observations: Note participant actions, comments, and any difficulties encountered.
- Post-Task Questionnaire: Collect feedback on ease of use, satisfaction, and suggestions for improvement.

4. Data Collection:

- Record sessions: Capture screens and user interactions.
- Post-test Surveys: Gather subjective feedback using surveys or interviews.
- Quantitative Metrics: Use a Likert scale or rating system to gauge user satisfaction.

8. References

- Task Flow:
<https://overflow.io/blog/user-flow-vs-task-flow-similarities-and-differences-of-two-related-diagrams/>
<https://medium.com/erika-harano/ux-task-flows-versus-user-flows-as-demonstrated-by-pancakes-896e78a98026>
- Image creation for storyboard: <https://app.leonardo.ai/>
- Usability testing: <https://maze.co/guides/usability-testing/plan/>
- Usability testing 2:
<https://tech.rochester.edu/usability-recruitment-instructions-and-templates/>
- Class PPTs