

Ringua – Gamified Language Learning App

Overview

Ringua is a web-based language learning application that uses a **gamification approach**. Users learn languages through a **quest system**, earn **EXP**, and **level up**, making the learning experience feel like playing a game—fun, motivating, and engaging.

The app is designed to improve **learning consistency** by providing a clear and rewarding progression system.

Application Goals

- Make language learning more enjoyable
 - Increase learning retention and motivation
 - Provide a strong sense of progress through **Level & EXP systems**
 - Reduce boredom commonly found in conventional learning methods
-

Gamification Concept

Ringua applies the following game mechanics:

Quests

Each quest contains language exercises such as:

- Vocabulary
- Grammar
- Simple language practice

Question types include:

- Multiple Choice
- Listening
- Fill in the Blanks
- Word Selection
- Word Arrangement

EXP (Experience Points)

- Users earn EXP after completing quests
-

Level System

- Accumulated EXP increases the user's level
-

Progression

- New quests unlock when a certain level is reached

 This system makes users feel **challenged, rewarded, and motivated** every time they learn.

Tech Stack

Backend / Fullstack

- Framework: **Laravel (PHP)**
- Backend Logic: Laravel Controllers & Services
- ORM: **Eloquent ORM**
- Authentication: Built-in Auth (Sessions)

Frontend

- Rendering: **Blade Templates (Server-Side Rendering)**
- UI Components: Laravel UI
- Styling: Tailwind CSS / Bootstrap / Custom CSS
- Frontend Auth: Laravel Sanctum / Built-in Auth

Database

- PostgreSQL (Main Database)

Deployment

- Local
-



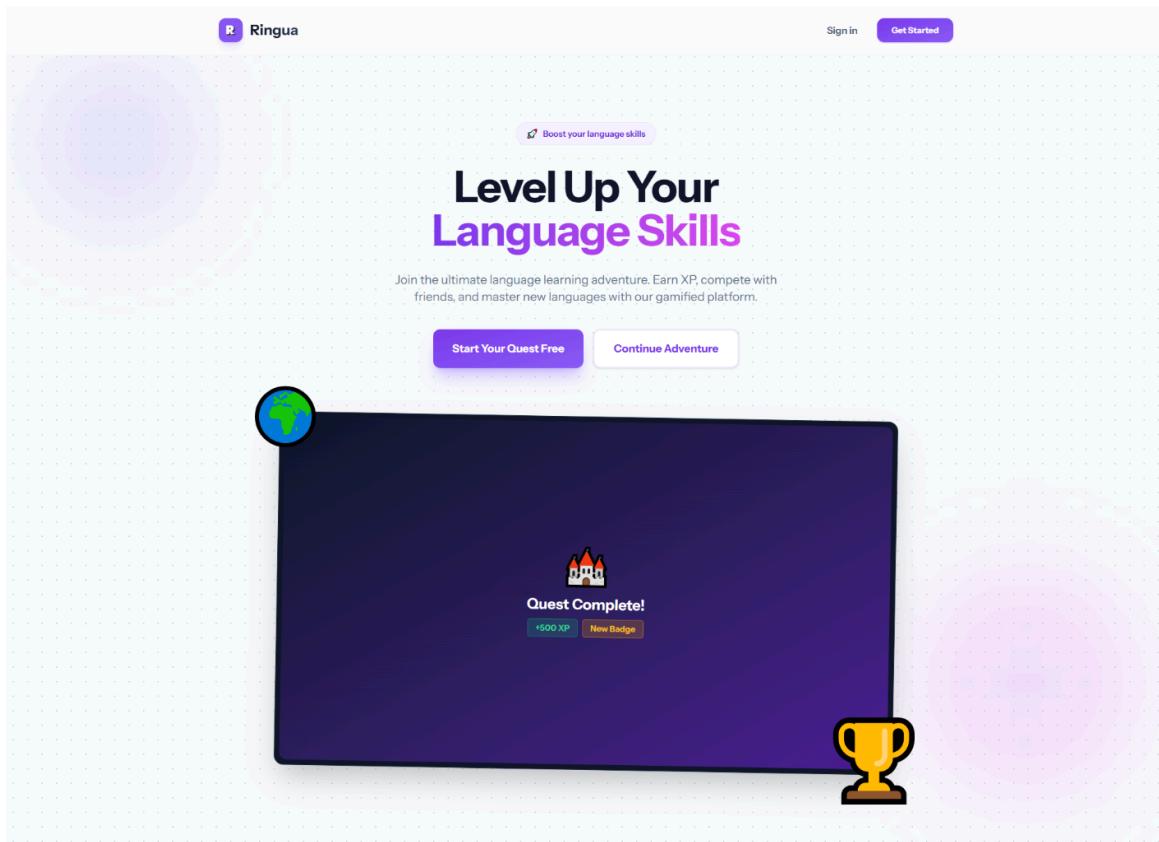
Application Flow

1. User selects the language to learn
 2. User completes available quests
 3. After completing a quest:
 - o EXP increases
 - o Level increases if EXP is sufficient
 - o User progress is saved
-



Screenshots / Demo Pages

- Welcome Page



WHY RINGUA?
It's not just learning, it's a game.

Interactive Quests
Forget boring lectures. Complete bite-sized challenges that adapt to your skill level.

Earn Achievements
Collect XP, unlock badges, and customize your profile as you master new words.

Track Progress
Watch your XP grow daily. Keep your streak alive to boost your learning multiplier.

50K+
Active Players

100+
Languages

1M+
Quests Done

4.9
App Rating

Ready to start your adventure?

Join for free today and start speaking a new language in minutes.

[Create Free Account](#)

- Login Page

 Ringua

Welcome Back! 🎉

Continue your language mastery quest.

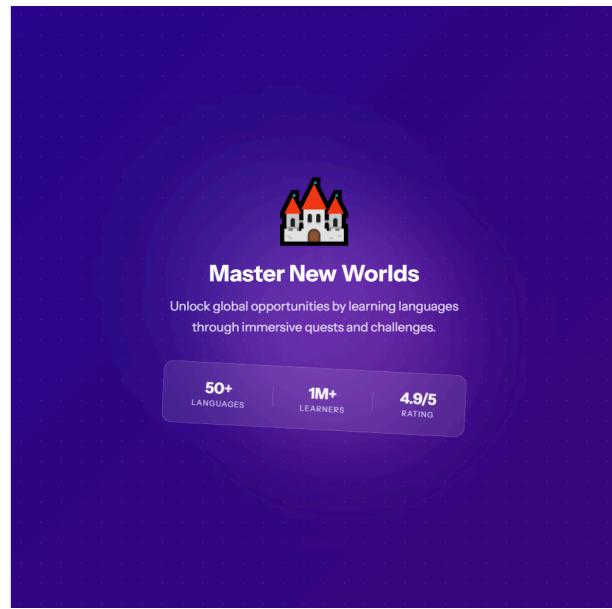
Email Address

Password

Keep me logged in

Enter Portal 

New to the realm? [Start a new adventure](#)



- Register Page

 Ringua

Create Hero Account 🎖️

Begin your journey to fluency today.

Hero Name

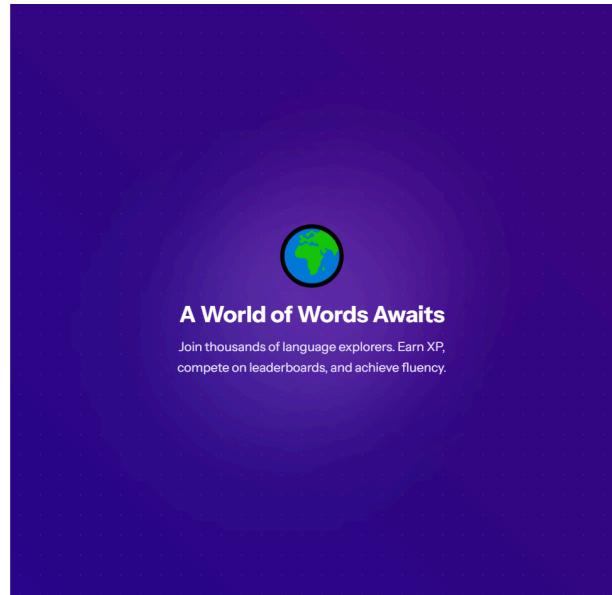
Email Address

Password Minimum 8 characters

Confirm Password Re-enter password

Join the Guild 

Already a member? [Log in](#)



● User Dashboard

The screenshot shows the Ringua user dashboard for 'rengstone'. The top bar displays a welcome message: 'Welcome back, rengstone! 🦸'. It also shows a notification: 'Your daily streak is active. Ready to continue your quest?' with a 'Continue Quest' button.

Profile Summary:

- CURRENT STREAK: 0 days
- TOTAL XP: 20 XP
- CURRENT LEVEL: 1 Scholar

Level Progress: 1 → 2
20 XP gathered / 980 XP to next level

Current Quests: Bahasa Jepang Basics (100% Complete - Continue learning)

Mastery Map: Bahasa Jepang (ADVANCED)

Recent Loot: Locked. Continue playing to earn badges!

Did you know? You earn 2x XP when you complete a quest with 100% accuracy!

Logout

● Leaderboard Page

The screenshot shows the Tournament Hall section of the Ringua leaderboard page. The title is 'Tournament Hall' with the subtitle 'Compete for glory and rise through the ranks!'.

Top Rankers:

- Maria Garcia (MG) - #2, 2,310 XP
- Alex Johnson (AJ) - #1, 2,450 XP
- Sam Wilson (SW) - #3, 2,100 XP

Challengers:

Rank	User	XP
4	Jamie Smith (JS)	1,980 XP
5	Taylor Brown (TB)	1,100 XP
6	You (R)	1,240 XP

Weekly Reset: 2 Days

Logout

- Badges (Achievements) Page

The screenshot shows the 'Achievement Gallery' page. At the top, it displays the user's profile: 'Ringua' with a purple icon, 'rengstone' Level 1 Scholar, 20 XP, and Next: 1000. A sidebar on the left includes 'Dashboard', 'Quests (Learn)', 'Leaderboard', 'Badges', and a 'Logout' button. The main area is titled 'Achievement Gallery' with the sub-instruction 'Show off your accomplishments and unlock new badges!'. It features a progress bar for 'Your Collection' at 2/6 UNLOCKED. Six achievement cards are shown in a grid:

- First Steps**: Complete your first lesson to start your journey. Status: UNLOCKED.
- Week Warrior**: Maintain a 7-day streak of learning. Status: UNLOCKED.
- Polyglot**: Learn 3 different languages. Status: LOCKED.
- Quiz Master**: Score 100% on 10 lessons. Status: LOCKED.
- Night Owl**: Complete a lesson after 10pm. Status: LOCKED.
- Speed Demon**: Complete a lesson in under 5 minutes. Status: LOCKED.

- Quest Page / Select Language to Learn

The screenshot shows the 'Adventure Awaits, Hero!' page. The user profile is 'rengstone' Level 1 Scholar, 20 XP, and Next: 1000. The sidebar includes 'Dashboard', 'Quests (Learn)', 'Leaderboard', 'Badges', and a 'Logout' button. The main area has a purple header 'Adventure Awaits, Hero!' with a globe icon. Below it, a message says 'Select a realm (language) to continue your journey or discover new lands.' Three stats are displayed in boxes: 'ACTIVE QUESTS' (1 Languages), 'MODULES' (1 Unlocked), and 'COMPLETION' (0%). A section titled 'Your Campaigns' shows a card for 'Bahasa Jepang' with 1 MODULES and a progress bar at 0%. Buttons for 'Map' and 'Play' are present. A 'Discover New Languages' button is also visible. A quote at the bottom reads: "To have another language is to possess a second soul." - Charlemagne

- Select Stage / Level (Question) Page

- Learning Page

🚀 Future Development Plans

- 🎙 Daily quests & streak system
- 🏆 Achievement & badge enhancements
- 📊 Real-time leaderboard data
- 🔊 Audio pronunciation support
- 🛠 Mobile app version

