

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
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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

UP! 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

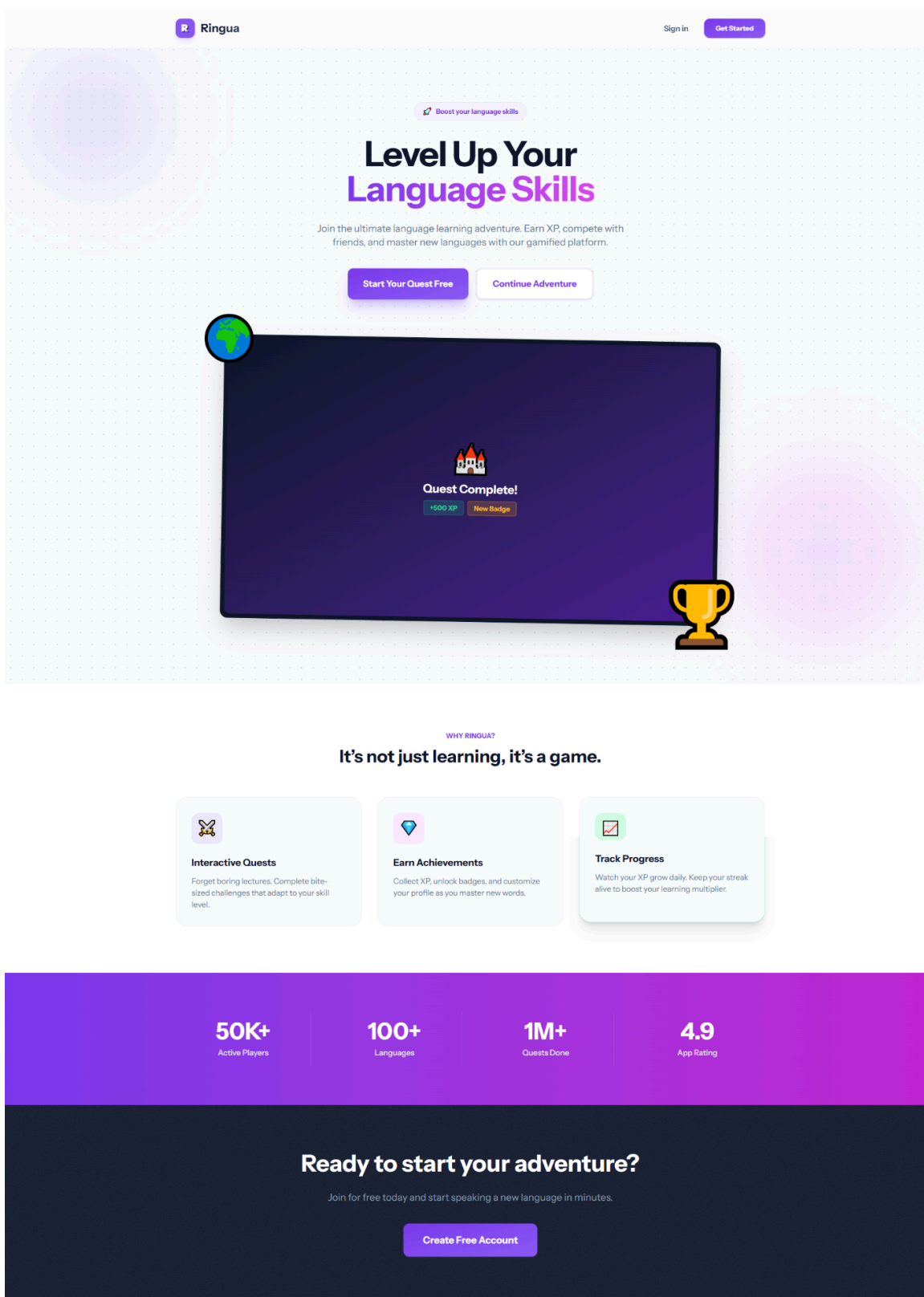
- Local
-

Application Flow

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

Screenshots / Demo Pages

- Welcome Page




- Login Page

R

Ringua


Welcome Back!



Continue your language mastery quest.


Email Address

hero@example.com




Password

••••••••



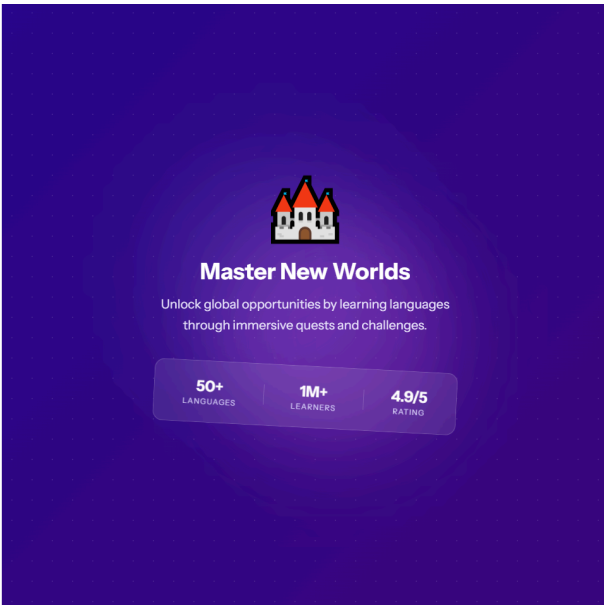
☐ Keep me logged in

Enter Portal



New to the realm?

[Start a new adventure](#)



- Register Page

R

Ringua

Create Hero Account



Begin your journey to fluency today.

Hero Name

Your Name



Email Address

hero@example.com



Password

Minimum 8 characters



Confirm Password

Re-enter password

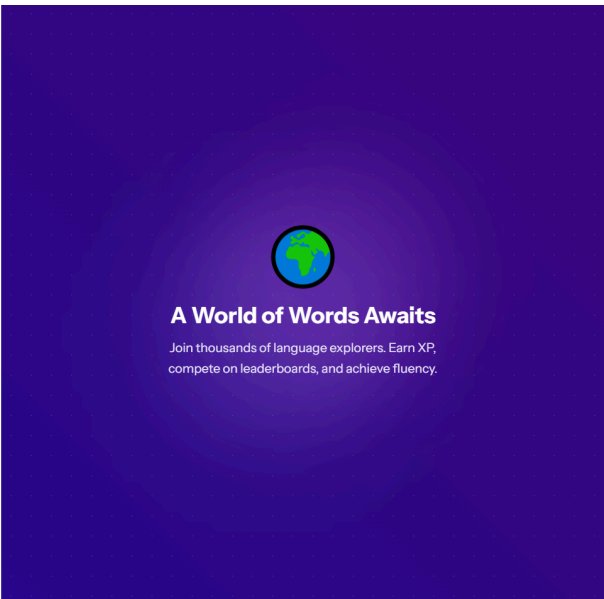


Join the Guild

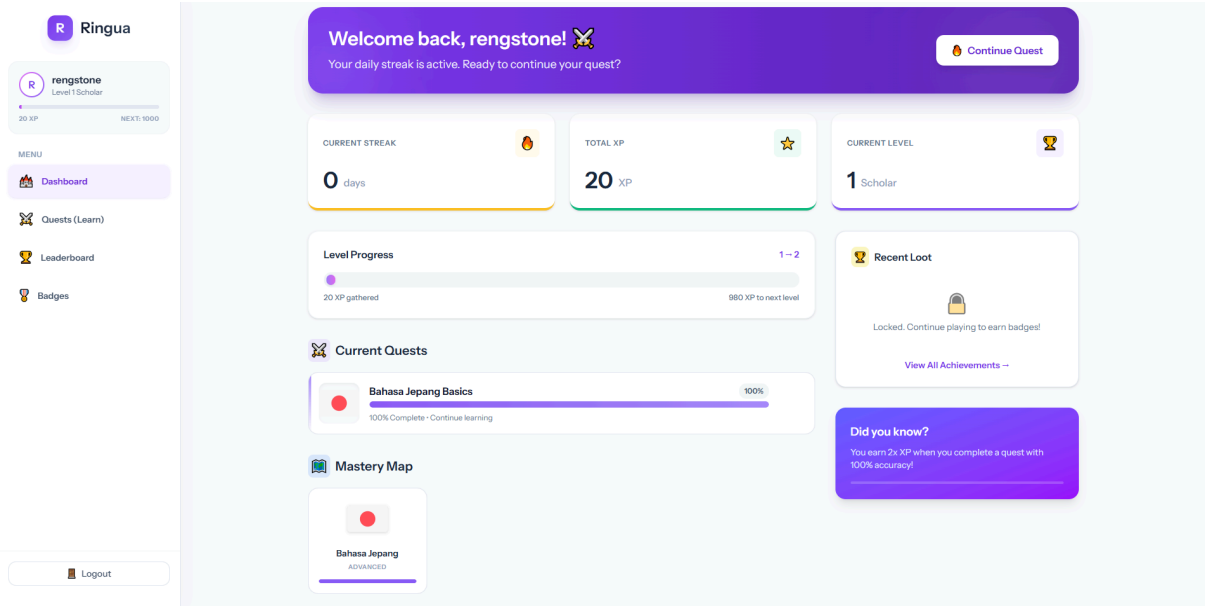


Already a member?

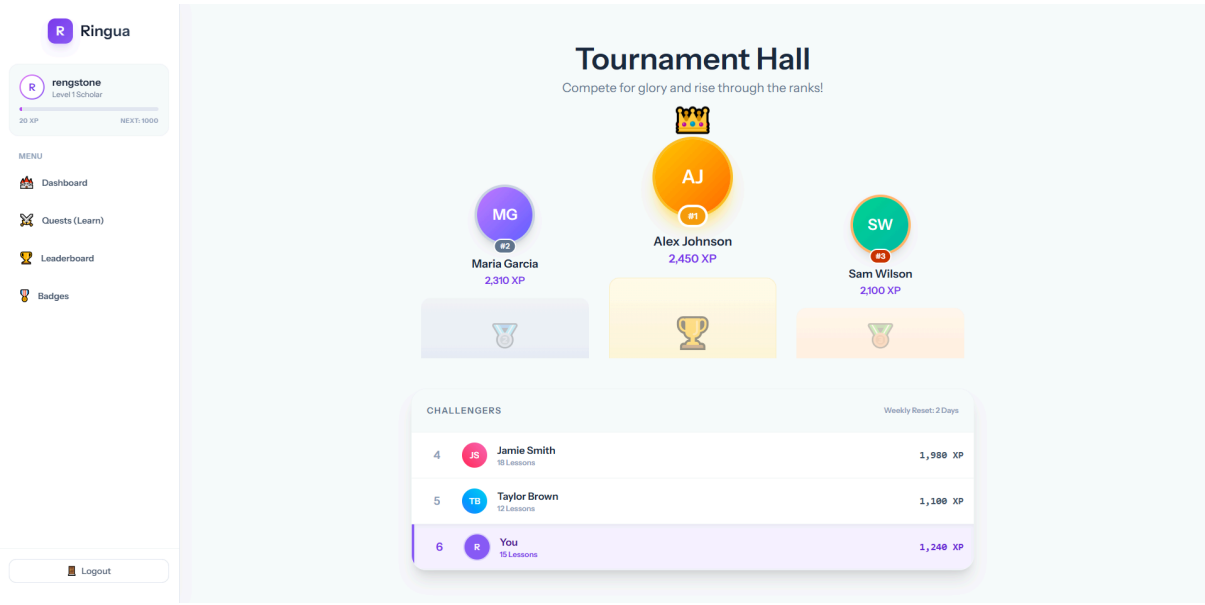
[Log in](#)



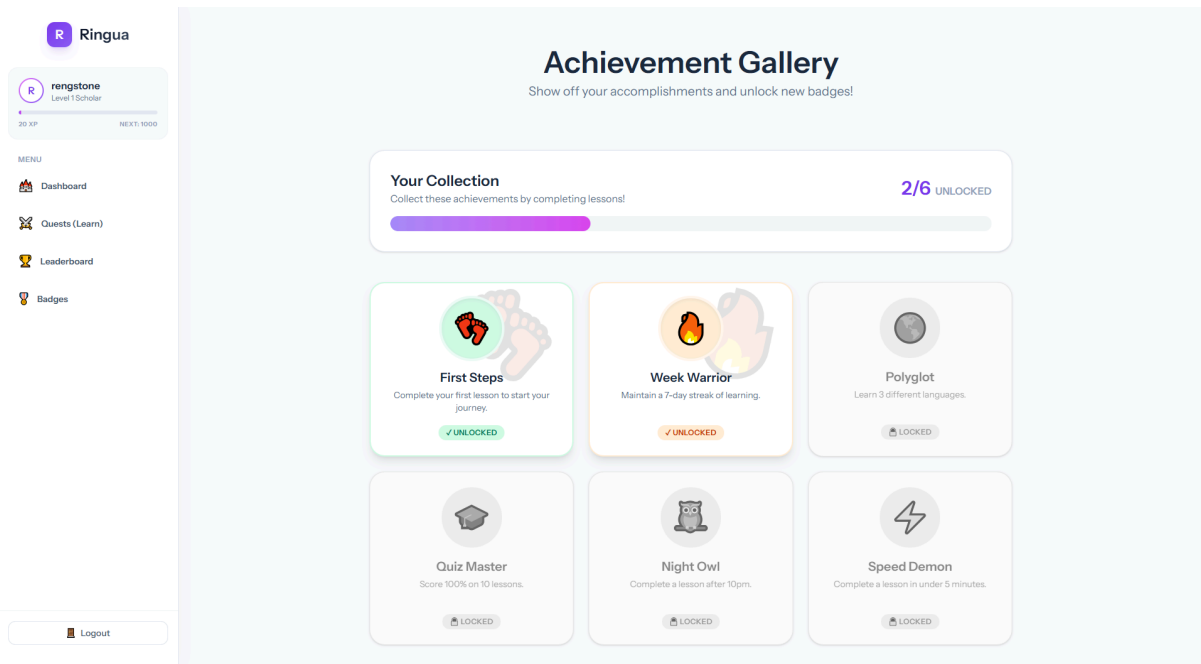
- User Dashboard



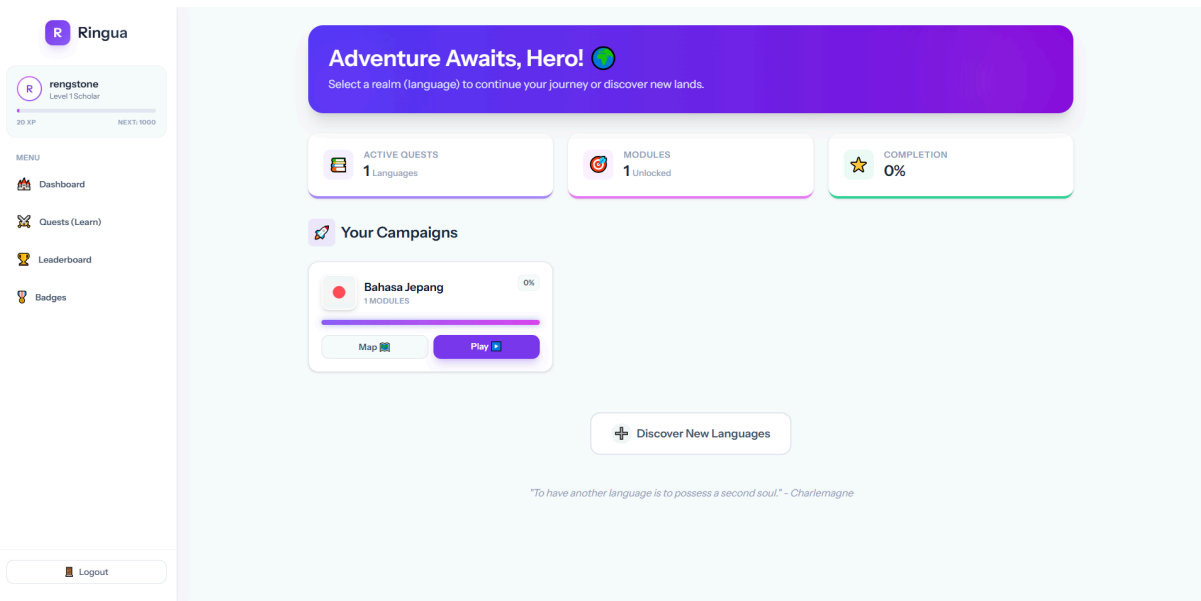
- Leaderboard Page



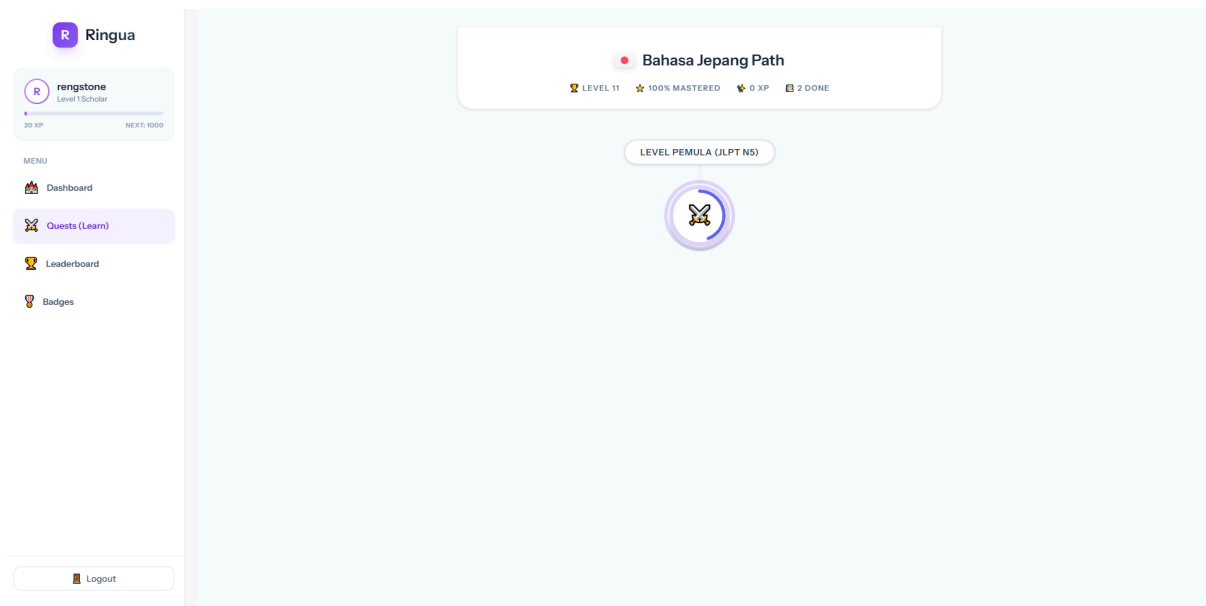
- Badges (Achievements) Page



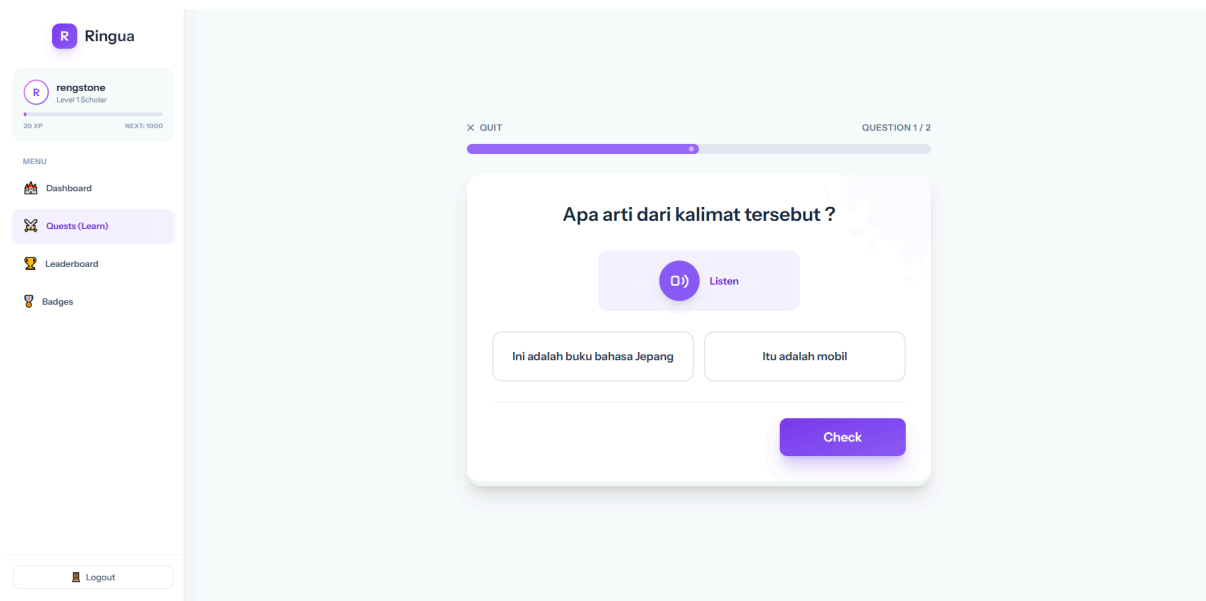
- Quest Page / Select Language to Learn








- 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

