TYPEVENTURE

Web Application Development Agreement

Client(s):

Padin, Joshua

Abayon, Ash Justine

Peralta, Faith Maegan

Ramirez, Kimberly

Rito, Justin Carl

Developer(s):

Jumoc, Ernz Rabbi

Malaga, Jemuel

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I. Project Overview

The Developers agreed to create and deliver a custom web application intended to serve as part of the Clients' research project, entitled **"TypeVenture: A Gamified Application for Enhancing Typography Skills"**.

The goal of this web application is to provide a digital approach in the pursuit of bettering the typography skills of the target demographic. This project will serve as a bridge for introducing a modernized, technology oriented medium in studying graphic and visual design.

II. Scope of Work

The Developers agreed to accomplish the following:

- Design and Graphical Interface of the web application discussed via online meetings

- Frontend and Backend Development using the modern technology stack

- System - Integrated Database Setup

- Debugging and Testing prior to project handover

- ISO 25010 Compliance Documentation

III. Functionalities

1. Dashboard

    - Introductory Page containing brief description about the web app and it's pioneers

    - Showcases two buttons; Login / Register and Play as Guest, each redirecting the user to their desired page

2. Guest Mode

- Users will be able to play without needing to Log In or Register

- Typography: Lets the Users manipulate the given text through its line height, font, color, etc

- Quiz: An Informational game wherein the User is prompted to answer the given question by choosing the correct option

3. Registration and Log In

- Users can register and input their desired username, along with their emails

- Logging In requires email and password and stores JWT token for authenticated sessions

4. Lessons Page

- Showcases all the lessons available for the users to read and learn

- Requires the users to complete the lessons chronologically in order to progress and proceed

- Each lesson consists of a game to measure and take into practice all the learnings the user is subjected to

5. Gamification

- Quiz: Tests the user's knowledge by prompting them to answer a given question and choose the correct answer out of the provided options

- Typography: Lets the user modify and adjust the properties of the given text based on the provided purpose, reading distance, and target audience such as:

  - Line Height

- Font Family

- Font Size

- Text Color

- Text Alignment

- Letter Spacing

- Word Spacing

- Achievement / Badge Distribution: The user will receive an achievement / badge (Gold, Silver or Bronze) depending on their accumulated scores after each games

6. User Profile

- Showcases the user's provided info and avatar presented in an interactive 3D Lanyard Model

- Edit Profile: A function for the user to edit their own existing information

- Achievement Section: Displays all of the user's accumulated achievements / badges

- Score Progression: A section showcasing the user's progress through a Chart, a visual data representation of the user's progress all throughout their TypeVenture Journey

7. Leaderboard

- A page for presenting the top players for each category, namely:

  - Typography Experts: Ranking for each user with the highest total scores under the typography category

  - Quiz Masters: Ranking for the top intellectual user applied during quizzes

- Overall Champions: Top users based on the total accumulated scores on typography and quizzes combined, truly a master at typography
- Each row of players in the leaderboard can also be clicked, showing a modal of the user's info and achievements gained

8. Authentication Middlewares
- Authenticates each session through the stored JWT token in the browser, provided only to authenticated users

9. Cloud Storage
- Assets such as pictures, avatars, are all stored in a cloud storage with its credentials visible in the source code's environment file

IV. Deliverables

The Developer(s) should be able to provide the following upon project completion:

a. Fully functional web application tailored to the agreed functionalities

b. Source code and project files

c. User guide i.e. for setup, deployment

d. ISO 25010 Documentation

e. Deployed Web App URL

V. Timeline

The project shall commence on **September 29, 2025** and is expected to be completed by **November 3, 2025** unless extended by further project adjustments.

VI. Payment Terms

The total project fee amounts to **Php 10, 000.00** and is payable as follows:

- **50% Initial Deposit** upon sample register demonstration.

- **50% Final Payment** upon delivery and approval of the final system.

Payments shall be made through **GCash.**

VII. Revisions and Maintenance

The Developer(s) agrees to perform the necessary revision up until November **7, 2025.** Being a research project, the Developer's involvement extends upon the completion of the research defense for technological expertise and validation purposes.

VIII. Confidentiality

Both parties agree to keep confidential all the project - related code, data, documents and communications except for information already disclosed for the public domain such as:

- Github Repository: The source codes and assets are visible at https://github.com/Gem023UI/TypeVenture for portfolio and hosting purposes.

IX. Intellectual Property Rights

Upon full payment, the Client(s) shall have full ownership of the web application, including the design and the source code.

The Developer retains the right to include the project (or portions thereof) in their personal portfolio, unless explicitly restricted by the Client.

X. Termination

Either party may terminate this Agreement with written notice if the other party breaches any material term or fails to meet agreed responsibilities.

In the event of termination, the Client shall pay for all completed work up to the date of termination.

XI. Signatures

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date first written above.

Developer(s) Representative :

Signature: *JEMUEL A. MALAGA*

Printed Name: **MALAGA, JEMUEL A**

Client(s) Representative:

Signature: *PADIN JOSHUA G.*

Printed Name: **PADIN, JOSHUA**