

QUIZZILLA - Project Guide

Introduction

QUIZZILLA is an internal web-based application developed by **Techwave Consulting Inc.** to help organizations assess employees' platform-specific and language-related skills. It is used by our company to test their workforce on various technologies including programming languages and platforms they work on.

Company Overview

Techwave Consulting Inc. (est. 2004) is a USA-based global software solutions company headquartered in Houston, TX. As experts in **Enterprise Digital Services, Enterprise Applications, and Engineering**, Techwave drives innovation with end-to-end IT services. With a rich history of delivering SAP, application development, cloud, AI, and data services, Techwave continues to grow through strong global partnerships with IBM, Oracle, Microsoft, SAP, and Dell Boomi.

Our Mission

We ignite opportunity through innovation and expertise to deliver real results.

Our Vision

To become the world's most trusted digital transformation partner.

Brief Overview of QUIZZILLA

QUIZZILLA is a **skill assessment platform** developed in **Angular and Java**, designed to:

- Test employees on technologies like **Python, Angular, Java, Go, SAP, AutoCAD**
- Evaluate knowledge in **Cloud Technologies, Automation, and AI (Possible)**
- Provide organizations with insight into the technical proficiency of their teams

Purpose of the Guide

This guide helps new developers and stakeholders:

- Understand the purpose and architecture of QUIZZILLA
- Set up the project locally
- Use, troubleshoot, and contribute to the platform effectively

Usage

Access the website at: <https://localhost:4200>

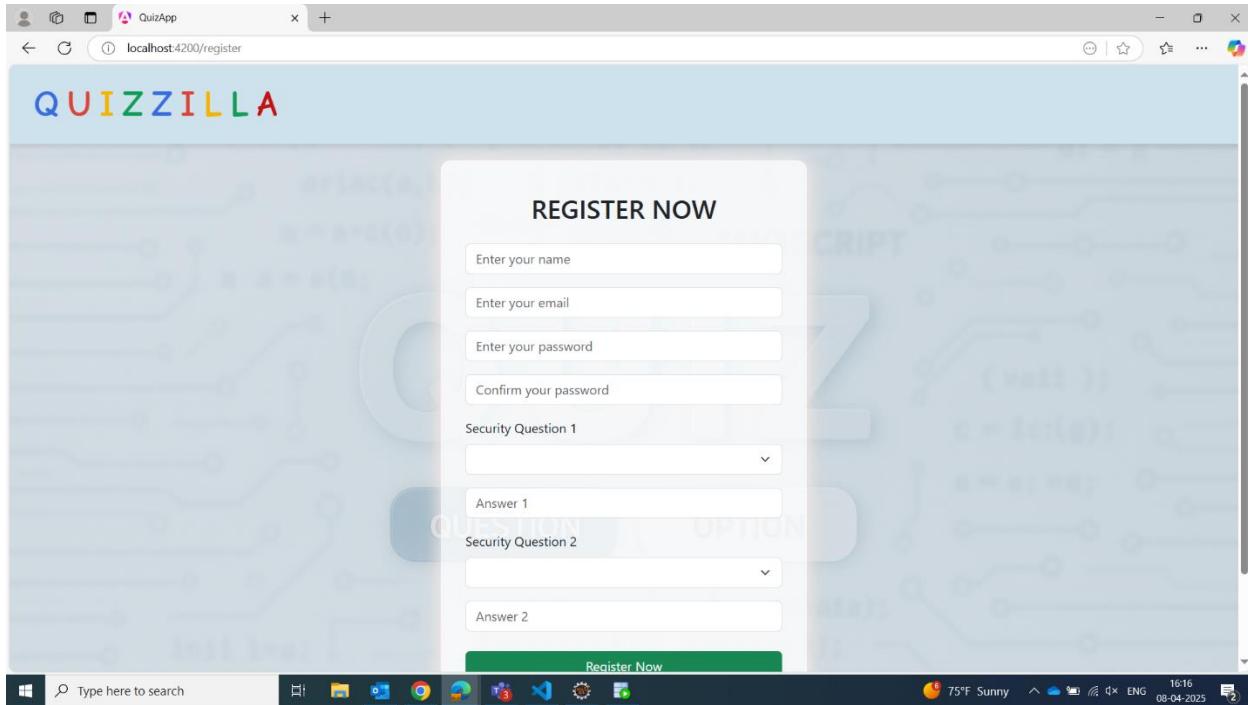
Example Usage

- Admin logs in → Shows all the test results and test taker's information
- Employee logs in → Takes the test → Views result instantly

How to use Quizilla Test application:-

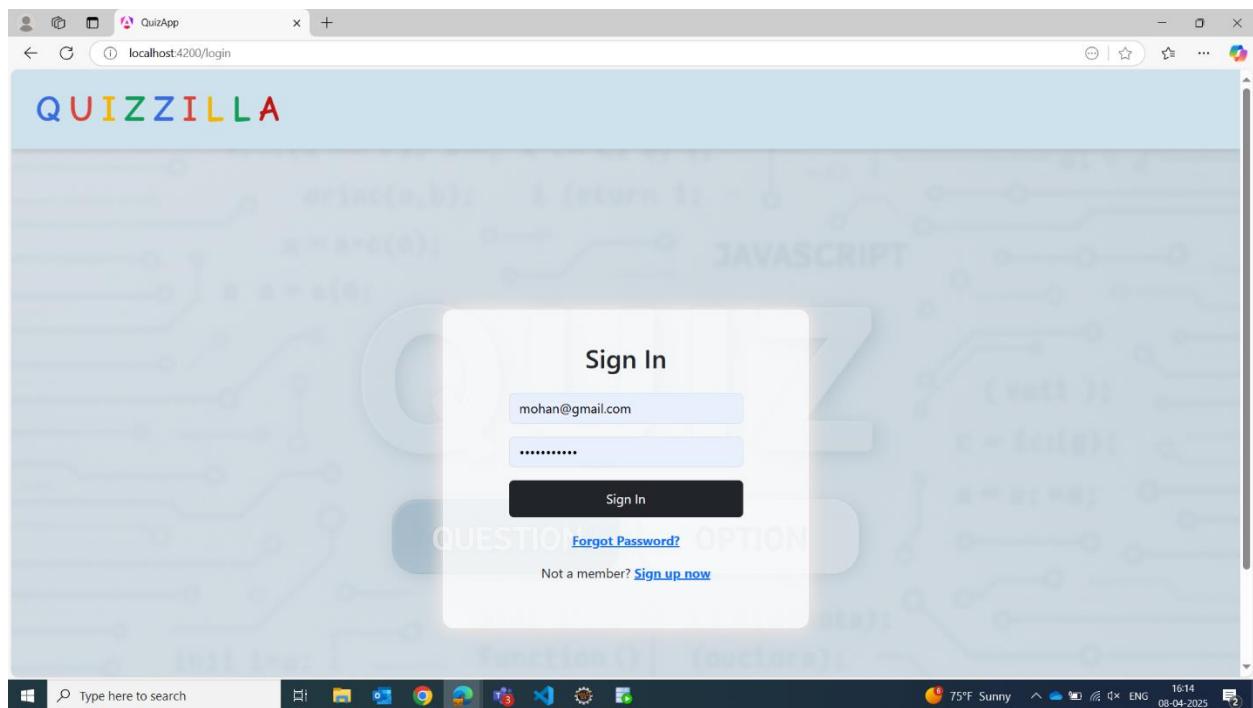
1. Registration Page – "Register Now"

This is the registration page where new users can create an account by entering their name, email, password, and selecting two security questions with answers. Password confirmation ensures the input is accurate. This information is essential for future login and password recovery.



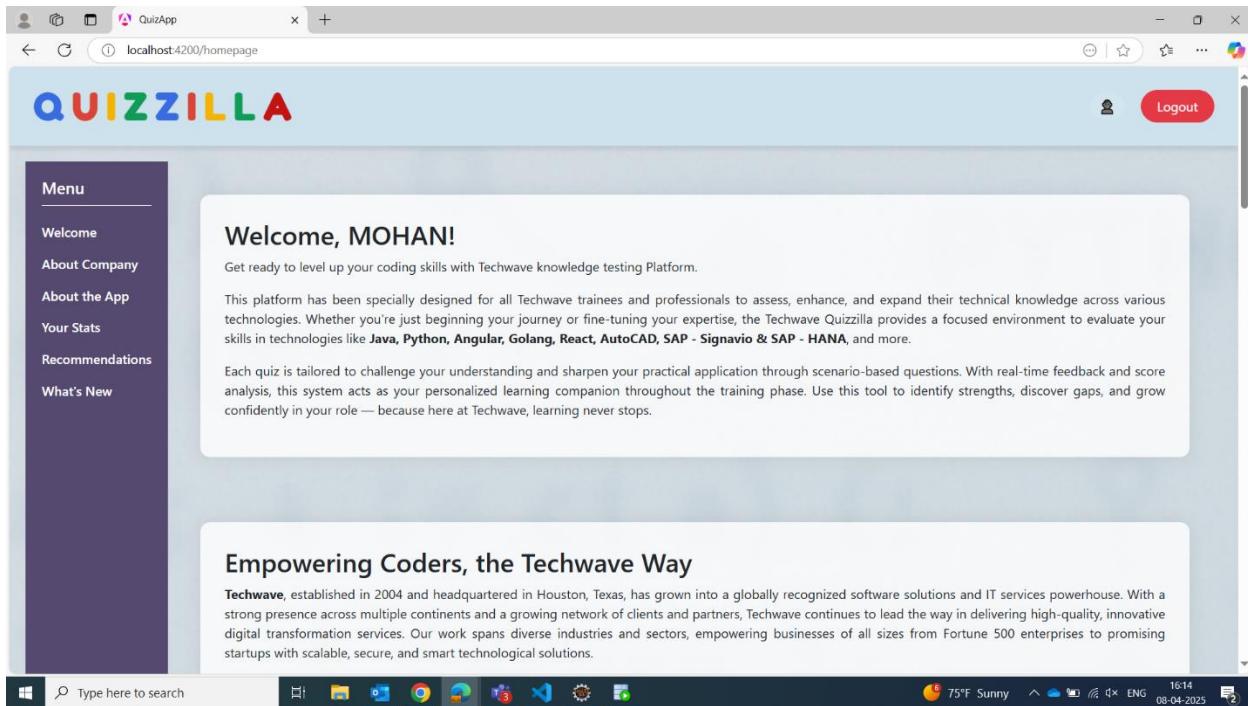
2. Login Page – "Sign In"

On this screen, users can securely log in by providing their registered email and password. If you've forgotten your password, use the "Forgot Password?" link. New users can click "Sign up now" to register and start using the platform.



3. Homepage – "Welcome, MOHAN!"

After login, users are greeted with a welcome message and an overview of the QUIZZILLA platform. It outlines the purpose of the app—technical skill evaluation—and highlights the technologies covered such as Java, Python, Angular, and more. Use the sidebar to navigate to various sections of the platform.



4. Stats Page – "Your Previous Quiz Stats"

This page provides a breakdown of your performance across different technologies and difficulty levels—Easy, Medium, and Hard. It helps you track your progress and identify areas needing improvement for focused learning.

The screenshot shows a web browser window titled 'QuizApp' with the URL 'localhost:4200/homepage'. The main content area is titled 'QUIZZILLA' and displays a table titled 'Your Previous Quiz Stats'. The table has four columns: Technology, Easy, Medium, and Hard. The data in the table is as follows:

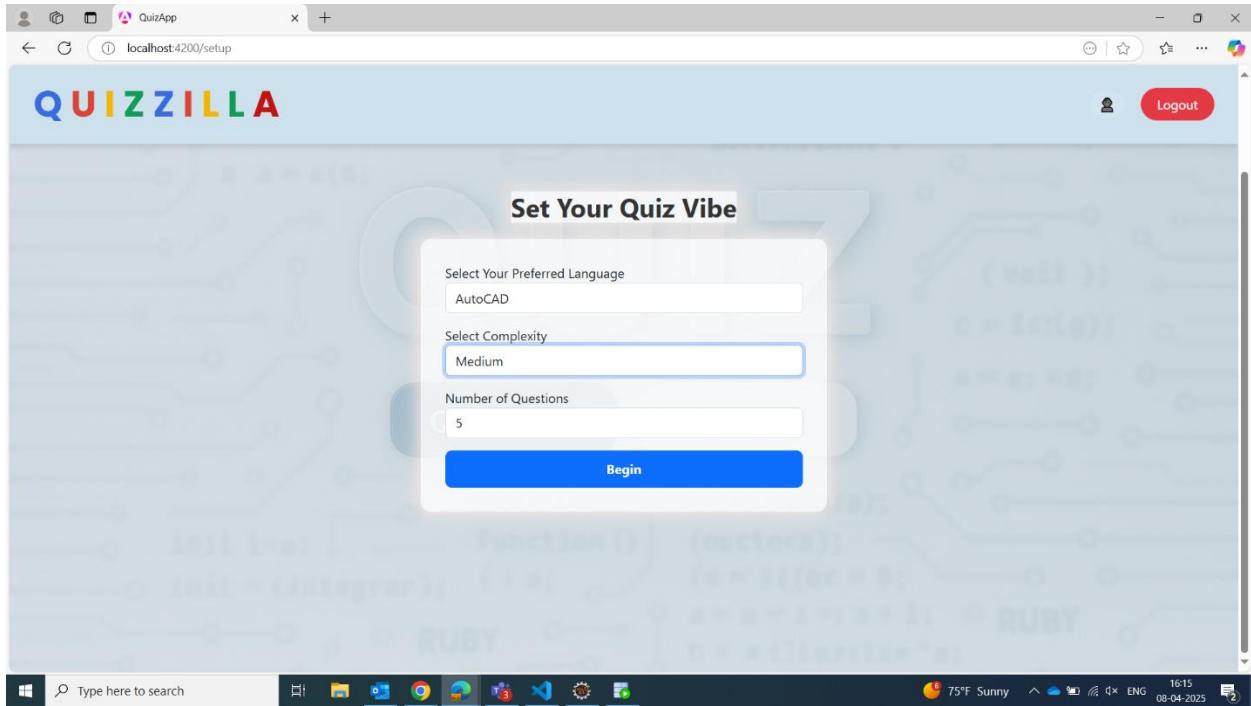
Technology	Easy	Medium	Hard
Java	56.67%	70%	30%
Python	80%	50%	60%
Angular	60%	10%	60%
Go	20%	0%	0%
React	0%	0%	0%
AutoCAD	0%	0%	0%
SAP - Signavio	0%	0%	0%
SAP - HANA	0%	0%	0%

The browser interface includes a sidebar with links like 'About Company', 'About the App', 'Your Stats', 'Recommendations', and 'What's New'. The taskbar at the bottom shows various pinned application icons, and the system tray indicates the date as 06-04-2025.

5. Quiz Setup Page – "Set Your Quiz Vibe"

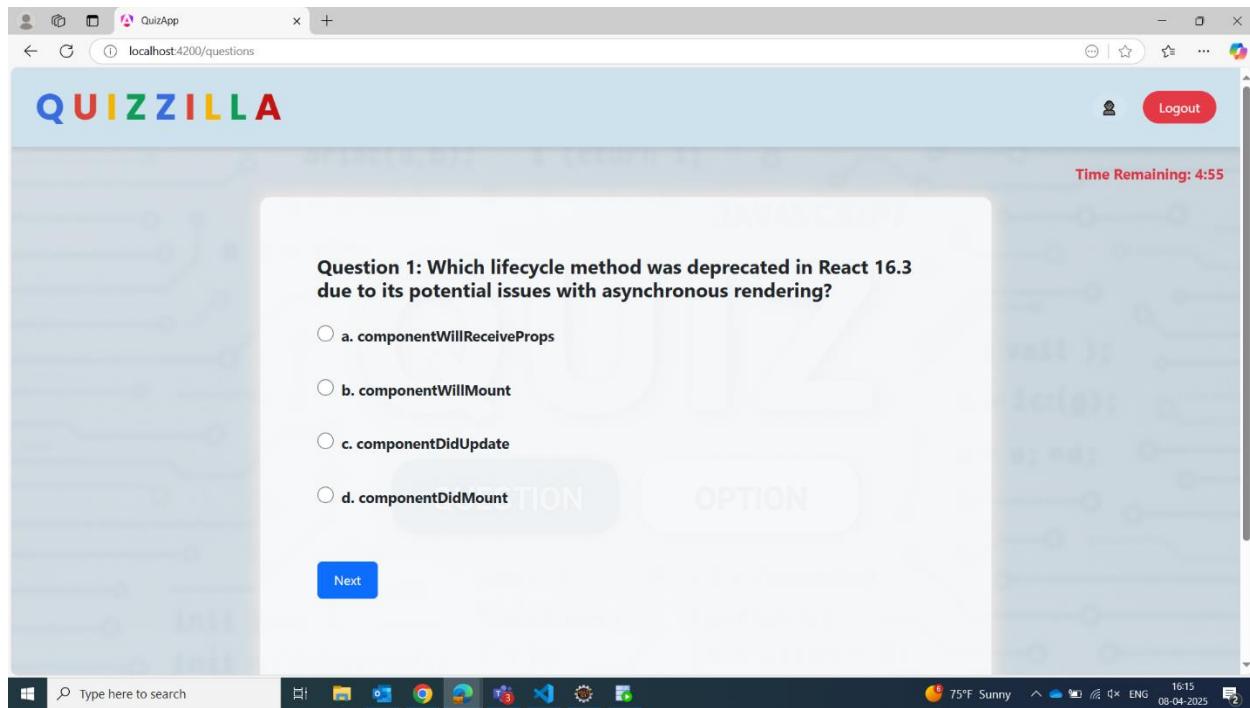
Customize your quiz experience by selecting a preferred technology, difficulty level, and

number of questions. This flexibility allows you to practice based on your comfort level or challenge yourself in a specific skill area.



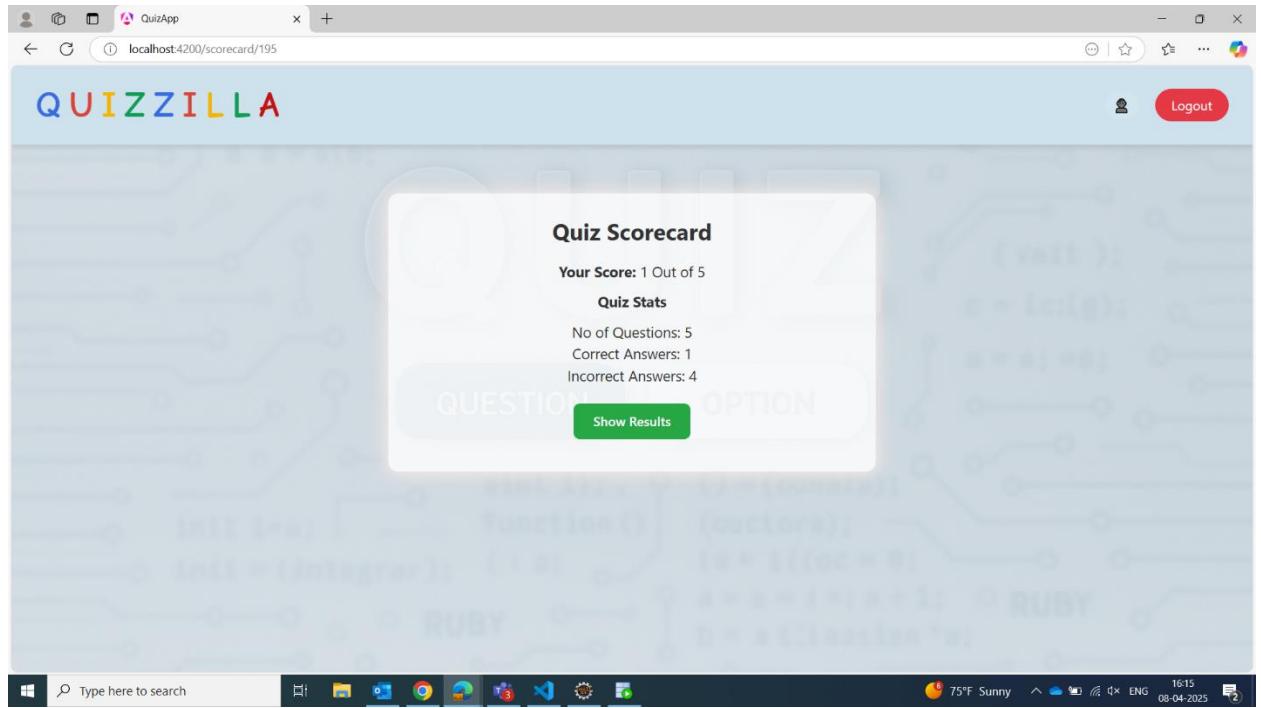
6. Quiz Questions Page – "Question 1"

The quiz interface presents one question at a time with multiple-choice options. A countdown timer on the top right keeps track of the time left. Click "Next" after choosing your answer to move to the next question.



7. Scorecard Page – "Quiz Scorecard"

After completing the quiz, you'll receive a quick summary of your performance—your score, number of correct and incorrect answers, and total questions attempted. Click "Show Results" for a detailed breakdown of your answers.



8. Quiz Review Page – "Assessment Details"

Here you can review your submitted answers along with the correct answers. This section is designed to help you understand your mistakes and learn from them, supporting continuous improvement.

QuizApp

localhost:4200/details/195

QUIZZILLA

Assessment Details for ID: 195

Q1. Which React hook is used to memoize a function so that it is not recreated on each render?

A.useMemo

B.useCallback

C.useReducer

D.useState

Correct Answer: B. useCallback

Deep dive into concept? [Ask ChatGPT →](#)

Q2. Which lifecycle method was deprecated in React 16.3 due to its potential issues with asynchronous rendering?

Type here to search

75°F Sunny

16:16

06-04-2025