QUIZ MASTERS

Business Requirement Specification

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1. Introduction

1.1 Document Purpose

This document aims to outline the functional and non-functional requirements for the development of Quizmasters, an online platform designed to facilitate student assessment through the variety of quizzes.

1.2 Project Background

The educational landscape is evolving, demanding modern assessment methods. Quizmasters seeks to address this need by providing an efficient and versatile online quiz platform that enables students to gauge and improve their skills across diverse subjects.

1.3 Goals of the project

- Efficient Assessment: To create a platform that swiftly evaluates student performance through online quizzes, providing immediate feedback.
- Holistic Knowledge Enhancement: To go beyond academic boundaries, offering a wide array of quiz categories to challenge and motivate students in various domains.
- User Engagement: To establish an interactive platform that engages users through intuitive design and diverse quiz offerings.

1.4 Customers and Stakeholders

- Primary Customer: Students and educational institutions seeking an effective online assessment tool.
- Stakeholders: Developers, educational professionals, and potential collaborators interested in improving assessment methods in education.
- The Quizmasters project aims to revolutionize assessment methodologies by providing a user-friendly, comprehensive, and engaging online platform

for students while considering the interests of various stakeholders involved.

2. Business Requirements Overview

- Primary Goal:

    To facilitate efficient evaluation of students through online quizzes.

- Secondary Goals:

    Enhance user knowledge within and beyond academic realms.

    Offer diverse quiz categories and varying difficulty levels.

    Motivate and challenge students with objective questions.

3. Functional Requirements Overview

1. Admin Module
2. Student Module

Expert Module

1. Admin Module:
   - Can create or delete or modify the account.
   - Admin will authentic experts.
   - View available quiz categories.
   - Add new quiz categories.
   - Create quizzes under specific categories with titles, descriptions, and questions.
   - Manage registered users.
   - Add questions with options and correct answers to quizzes.
   - Admin will receive payment
   - Admin will pay experts

2. Student Module:
   - Ability to sign in/out and view their profile.
   - Student can delete, modify the account

- View available quiz categories.
- Start quizzes within chosen categories.
- Submit quizzes when completed or when the time limit is reached.
- Access immediate results after completion, displaying scores and feedback.
- Student can give the feedback, ratings.
- Access a history of attempted quizzes on the platform.
- Student will pay admin.

3.Expert Module:

- Ability to sign in/out and view their profile.
- Expert can create, modify, delete the account
- Add new quizzes.
- Add explanations to the questions.
- View available quiz categories.
- Expert will receive payment from admin
- Can view available quizzes.

4. Non-functional Requirements

1. Usability:
   - Intuitive user interface for seamless navigation.
   - Responsive design for various devices.
2. Performance:
   - Fast loading times for quizzes and result displays.
   - System availability during peak usage times.
3. Security:
   - Robust authentication and authorization mechanisms.
   - Data encryption for user information and quiz results.
4. Scalability:
   - Ability to handle an increasing number of users and quizzes without compromising performance.
5. Reliability:
   - Minimal downtime and error handling for uninterrupted user experience.