Software Requirements Specification

For

Quiz Application

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1. INTRODUCTION

Purpose

Many online quizzes are set up to actually test knowledge or identify a person's attributes. Some companies use online quizzes as an efficient way of testing a potential hire's knowledge without that candidate needing to travel.

Scope

The quiz application is an application that allows one in organizing the online quiz. This application will be useful in organizing the quiz events in the colleges or the schools. The online quiz application will help in managing the quiz event in a smooth way

Technologies To Be Used

Python :   For Programming
Postgresql : Database
Framework : FastApi or Flast
Editor :   Pycharm

2. OVERALL DESCRIPTION

User Characteristics :

(1) Users : Can register and login their Self on portal. And they can give quiz test according to our subject.

(2) Admin : Admin can insert , update. delete questions as well as and according to subject.

Use Cases :

(1) User can easily give quiz according to their subjects.
(2) User can see our history as well as his score and timing.

3. REQUIREMENTS

The application should record all the question such as option and their answer.

The application should provide admin to insert, update, delete question details according to subject.

4. FEATURES :

- User can see our ranking.
- User can not change tab feature while giving test if they will change tab quiz has been closed
- Save the current state of the user if use not submit question then after completed time automatically submit and get score of user.
- Users can select subject and give quiz according to their choice.
- Admin can insert, delete, update questions User can check history.
- User can select dificulty level of question according to subject

5. ASSUMPTION AND DEPENDENCIES :

- User can check only his history.

- Questions are depends on subject.

6. System Modules

In our system, there are two modules.

1. User Module

2. Admin Module

1 User module

In this module the users can,

1.1 Registration

A new user will have to register in the system by providing essential details and use any other functionality of the system.

1.2 Login

A user must login with his user name and password to the system after registration.

1.3 View subject

User can see subject and easly selected.

1.4 View Score

User can see score as well as see ranking.

1.5 Dificulty level

User can select dificulty level of question according to subject

2 Admin

In this module the Admin can,

2.1 Add subject

admin can add subject

2.2 Add Questions

Admin can add questoin

2.3 Update subject and questions

Admin can update questions and subject.

2.4 Delete subject and questions

Admin can delete questions and subject.