

Quizzards

An online quiz website

Under Supervision of

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This document is mainly focused on the purpose ,overview and the scope of the project.This will give us the complete overview of our **Quiz Website** by explaining everything in detail.

Purpose

The document is written to give a clear introduction of our project.This will introduce our project and all of its parameters.This SRS document will give us all sort of information and updates of our project.This will help us to analyze the goals and features of our project.

Intended Audience

This SRS is intended for several audiences including administrators of organizations, supervisor, designer, developers and testers of the project.

- The supervisor will constantly monitor this SRS to see the progress of the team
- Customer will use this SRS to know their product
- The Developer team can use this SRS as their 'Blueprint' of the project.

Conclusion

This SRS document will help each and every person related to this project to have a better idea about the project. It will also help in the developing process of the software.

Inception

This Document will give us the actual design details of our quiz website. This will find out the problem and feasibility of our project and examine our stakeholders.

Purpose of the Application:

A good online evaluation platform is now needed for our education system. Especially in remote education this will help a lot. Students will get instant evaluation.

Scope of our Services:

Teacher will provide his/her quiz on our quizzard website . Students don't need physical contact to attend the quiz. Teachers can randomly set quizzes and assign students according to their course.

List of Stakeholders:

The list of the stakeholder of our projects are:

- Student
- Teacher

Viewpoint of Different Stakeholders:

Different stakeholders have different views in our project.

View point of Student:

- A reliable quiz website
- An Instant evaluation platform

View point of Teacher:

- A good online grading tool.
- Reliable and clean quiz website.
- He/she can choose specific students and chapters to take the quiz

View Point of Admin:

- An admin can easily access the Database of our project
- He can add / remove any teachers

Common requirements:

- Quiz Section
- Quiz Result
- Quiz Assigning
- A well designed UI
- Authentication
- Payment System

Conflicting Requirements:

- A big and efficient Database for our project.
- Implementing the payment system

Final Requirements:

- An efficient and bug free website
- A good system for online evaluation
- An user friendly and minimalistic UI
- Instant evaluation of the quiz

Conclusion:

Now we can say that , we can finalize our project . Find out our stakeholders. And also can explain some our stakeholders and their roles in our project.

Elicitation

In this part, we tried to gather requirements from the users and stakeholders. It was a challenging task for us to communicate with the stakeholders for time limitation.

Eliciting Requirements:

We have tried to combine the elements of problem solving, elaboration and specification. We have done some tasks for eliciting requirements such as-

- Collaborative Requirements Gathering
- Quality Function Deployment
- Usage Scenarios

Collaborative Requirements Gathering:

We tried to collect some information in the inception part from some stakeholders. To get a clear idea, we talked with some school teachers of our area, had meetings with our supervisor and also took suggestions from our respected faculties.

Following activities have been completed to accomplish the task.

- We had meetings with teachers and administrators of the schools of our own area. They were questioned about their expectations and requirements from our result management project.
- They were asked about the challenges they are facing for the evaluation process in this pandemic.
- We discussed among ourselves and also with our supervisor about how we can add some extra features that might help.
- We gathered information and also checked other online quiz applications so that we can make our application more useful and flawless.

Quality Function Deployment:

It is a technique that translates the needs of the customer into technical requirements for software. In this section, we describe all the requirements of our application.

Normal Requirements:

- Teachers, students have to sign up in two different categories.
- Students will be assigned to their quizzes according to their class.
- Teachers can assign quizzes with different types of questions.
- Questions will be shuffled differently for each of the students
- Once a question is answered, an examinee cannot get back to change that answer
- After all the questions of a quiz are viewed by the examinee, all the questions that he/she skipped will come on the screen one-by-one (if any).

Expected Requirements:

- Data will be stored in a database for security and simplicity.
- The application should be user friendly.
- The application will be easily maintainable.
- The application will be open for future extension and modification.

Usage Scenario:

This online evaluation platform has three kinds of users: admins, teachers and students. The admins will have supreme authority over teachers and students.

Every user needs to be authenticated to enter into the system. Each user must provide the following information during registration.

1. User's full name
2. User's email address
3. User's type
4. Password

From Students perspective:

The quizzes are divided in some categories based on classes and subjects. If any student wants to give a quiz, he/she simply has to select a class and also a subject name he/she wants to give. Students can also participate in quizzes in which their teacher has assigned. Students can also view their quiz history.

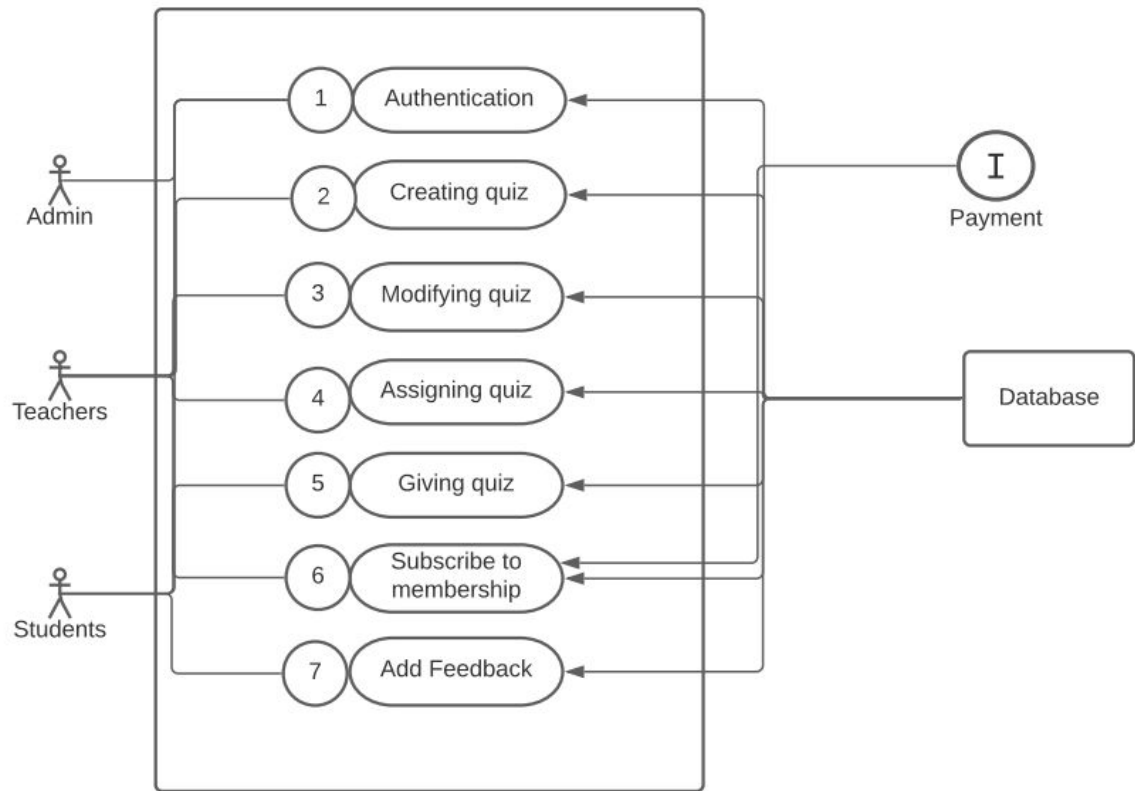
From Teachers perspective:

Teachers can create their own quizzes. Teachers can assign quizzes with different types of questions (MCQ / Fill in the blanks / Short questions) to groups of students. Teachers can also view quiz histories of the assigned students.

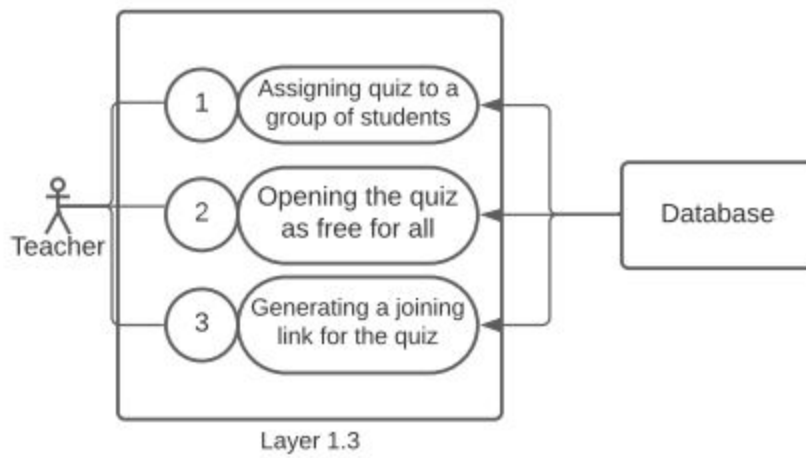
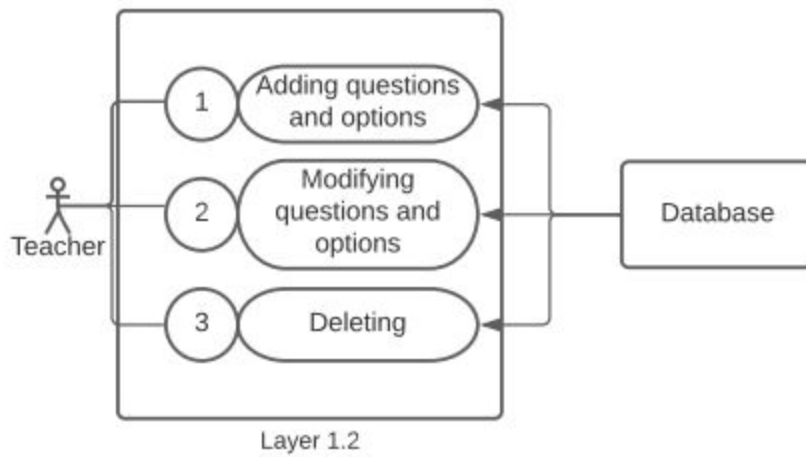
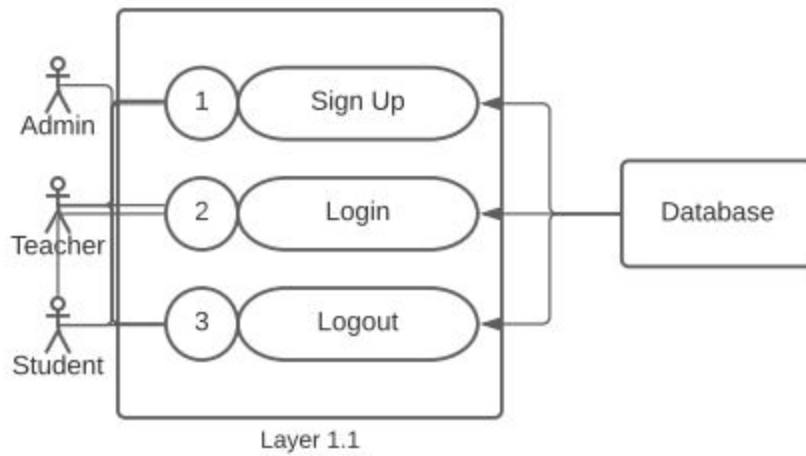
From Admin perspective:

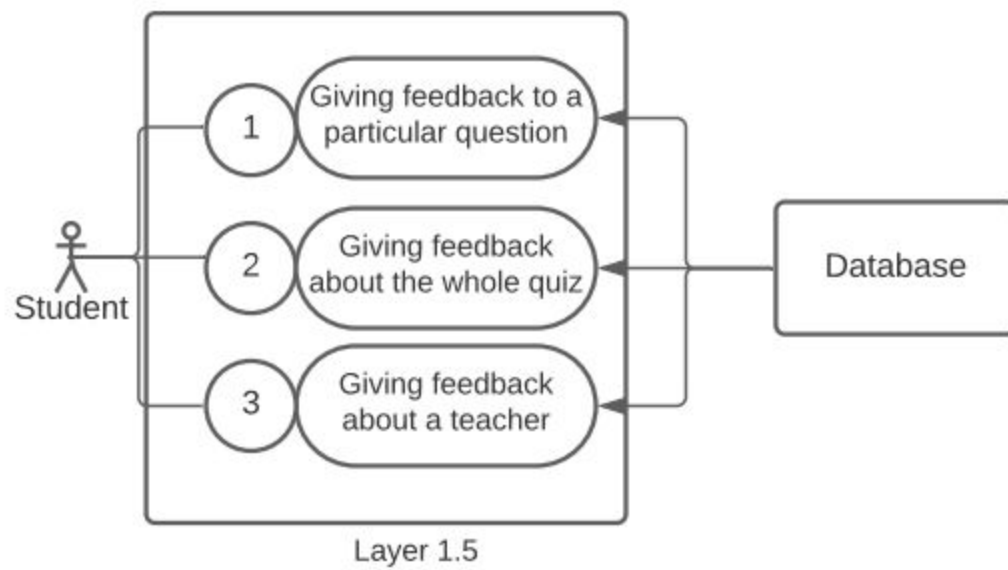
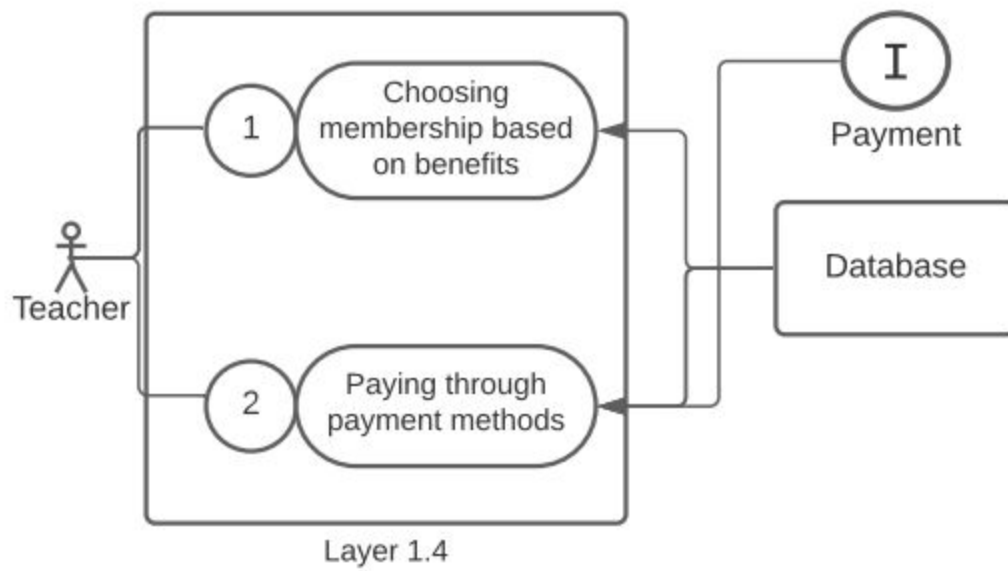
Admins have full access to the database. Also they can modify and delete preset quizzes. Admins can access the transactions. They can add and modify subscriptions.

User Scenario



Level 0 Use Case





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