



Daffodil
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QUIZCuBes (Be ready to test your knowledge)

Submitted by

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This Project report has been submitted in fulfillment of the requirements for the
Degree of Bachelor of Science in Software Engineering.

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DECLARATION

I hereby declare that this project was completed by me under the direction of Nayeem Hasan, PhD Researcher (University of Electronic Science & Technology) & Senior Lecturer in the Department of Software Engineering at Daffodil International University. This also declares that neither this project nor any part of it has presented any degree awards anywhere else.



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PROJECT SUMMARY

QUIZCuBes is a web-based online evaluation system that allows students to take quizzes via the internet. By this system, a student does not need paper and pencils. The system is fully automated and saves a lot of time. Schools, colleges, or universities can use this system. When the quiz is completed, this system will show the correct answers and also show the student positions. This system has a discussion part for discussing the answers. When a student attends the quiz, then the student gets attendance. And if a student does not attend the quiz the student cannot get attendance for that day. Teachers can make questions and fix the schedules of quizzes. After the quiz students' progress will be evaluated by the system. This system will provide feedback about a student based on the result. This system keeps track of all student information, including grades, papers, and grades. Then the all quizzes will finish this system rewarded students for a good point. There are three types of question patterns – MCQ, true/false, and theory-based. The project aims to reduce the manual effort required for marks and exam papers.

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CHAPTER 1: INTRODUCTION

Nowadays, it is very difficult to handle a lot of papers, questions, and store students result. Teachers have to check the exam manually. It takes a lot of times. Sometimes the test copy is lost. Students must wait for their results until the teacher has completed script checking. QuiZCuBes was developed to overcome the flaws in the traditional practice manual system for managing question, result. It gives facility to teacher and student. From anywhere, it allows a student to participate in a quiz. It keeps track of all the information about the student, quiz, and result.

6.3 Project Overview

QuiZCuBes is a web application, which will help teachers and students. The administration will have full control over the application's performance. Teachers can create courses and create quizzes based on their subjects. Teachers will give a code to the student for enrolling in the course. By the code, students can enroll in the course. Teachers and students can edit their information. A teacher has control over their course. The teacher will create questions and also fix the time of a quiz. There can be three types of questions- MCQ, true/false, and theory-based. When the time will over, the answer will be auto-submitted. When the student attends the quiz, they will get attendance for that class. After the exam, there will be a discussion for questions and answers. Students will discuss their answers and can also share images. Students will get points according to the results. Students will be awarded for good results. Students can see their progression on the leaderboard. Based on the result this system will give feedback about students.

1.2 Project Objective

1.2.1 Background

Every big or small organization have big challenge to properly handle the information of examination and result. Normally, it takes a lot of time to check the exam paper. Sometimes, the teacher cannot understand the handwriting. QuiZCuBes reduces all those problem. The main objective of this project is to effectively manage the information of student, examinations, result, courses, and papers. With the help of this system Students do not have to wait long to get results. And the test will be open book. Therefore, a student can be properly judged. Students will be more interested in studying if they are rewarded for good results.

1.2.2 Benefits

- Teacher can check papers in an efficient way.
- Easily manage student result information.
- It will be saves a lot of time.
- Teacher can check papers efficiently.
- Students can share their opinion in the discussion about the question.
- Students can discuss their answers with other students.
- No need to wait long for results.
- No need to roll call separately during the exam

1.2.3 Goals

The main goal is to save time of teachers and student and effective evaluate the students.

- Teachers and students don't have to wait for reload time.
- As it is an open book exam, students can be evaluated well.
- A leaderboard for students so that they can easily see their progression.

1.3 Stakeholders

There are four types of stakeholders in QUiZCuBes

- Owner(myself)
- Student
- Teacher
- Admin

1.4 Project Schedule

1.4.1 Release Plan/Milestone

After all of the major tasks have been finished, QuiZCuBes is released in January 20, 2022.

1.4.2 Time Schedule

Task Name	Task_ ID	Starting Date	Duration (days)	Ending Date	Dependencies & Milestones
Registration	T01	1/09/2021	5	5/09/2021	
Authentication	T02	6/09/2021	5	10/09/2021	T01
User Login	T03	11/09/2021	5	15/09/2021	T02(M1)
Profile	T04	16/09/2021	10	25/09/2021	T03
Dashboard	T05	11/09/2021	15	25/09/2021	T02
Course	T06	26/09/2021	10	5/10/2021	T05
Question	T07	6/10/2021	10	15/10/2021	T06
Time	T08	16/10/2021	15	30/10/2021	T07
Attendance	T09	16/10/2021	15	24/10/2021	T07
Answer	T10	16/10/2021	21	5/11/2021	T07
Discussion	T11	6/11/2021	5	10/11/2021	T10
Result	T12	6/11/2021	10	15/11/2021	T10
point	T13	16/11/2021	15	30/11/2021	T12
Leaderboard	T14	1/12/2021	15	15/12/2021	T12, T13
Feedback	T15	16/12/2021	10	25/12/2021	T14

CHAPTER 2: SOFTWARE REQUIREMENT SPECIFICATION

2.1 Functional Requirements

➤ Login

- Verify the user's role and send them to the dashboard.

➤ Email

- Teachers & students must create an account by official mail.

➤ Generate code

- To join a course this system generates a code. Using the code students can join the course.

➤ Create course

- The teacher can create courses.

➤ Quiz

- The teacher can create, delete, and edit the quiz.

➤ Attendance

- The student will get auto-attendance if the student attends the exam.

➤ Discussion

- There will be a discussion option based on the answer. Students can share the image in the discussion part if needed.

➤ Point

- Students will get points according to the quiz.

➤ Leaderboard

- Show the position of the student.

➤ Feedback

- Give feedback about a student and reward students for good points.

➤ **Track information**

- This system tracks all the students' information.

2.2 Performance Requirements

➤ **Speed**

- The web application must load in less than 4 seconds.

➤ **Accuracy**

- API responses must include a descriptive error message.

➤ **Capacity**

- A minimum of 200 requests per second should be handled by the server.

2.3 Dependability Requirements

➤ **Reliability**

- The user experience must be at high level.
- The response of this system will be real time.

➤ **Availability**

- This system will serve users 24/7.

➤ **Robustness**

- This system provide cutting-edge and flawless solutions.

2.4 Maintainability Requirements

➤ **Maintenance**

- Constantly keep the backend server up to date.

➤ **Supportability**

- Customer service should be available at all times.
- Before providing essential support, it will validate the user's details.

➤ **Adaptability**

- The user Interface is very adaptable to the users.
- Users can easily adapt to this system.

➤ **Scalability**

- Any changes to the system may occur at any time.
- The system meets all the requirements.

2.5 Security Requirements

➤ **Access**

- The administration has full access all over the system.
- The teacher has full access only to their course.
- A student has no permission to access the information of other students.

➤ **Integrity**

- It has full control over any kind of change.
- Should be protected all data information.
- Have a backup database.

2.6 Usability Requirements

➤ **Ease of Use**

- User can change their information if they want.

➤ **Understandability**

- The system should be easy to use so users can understand it easily.

➤ **Accessibility**

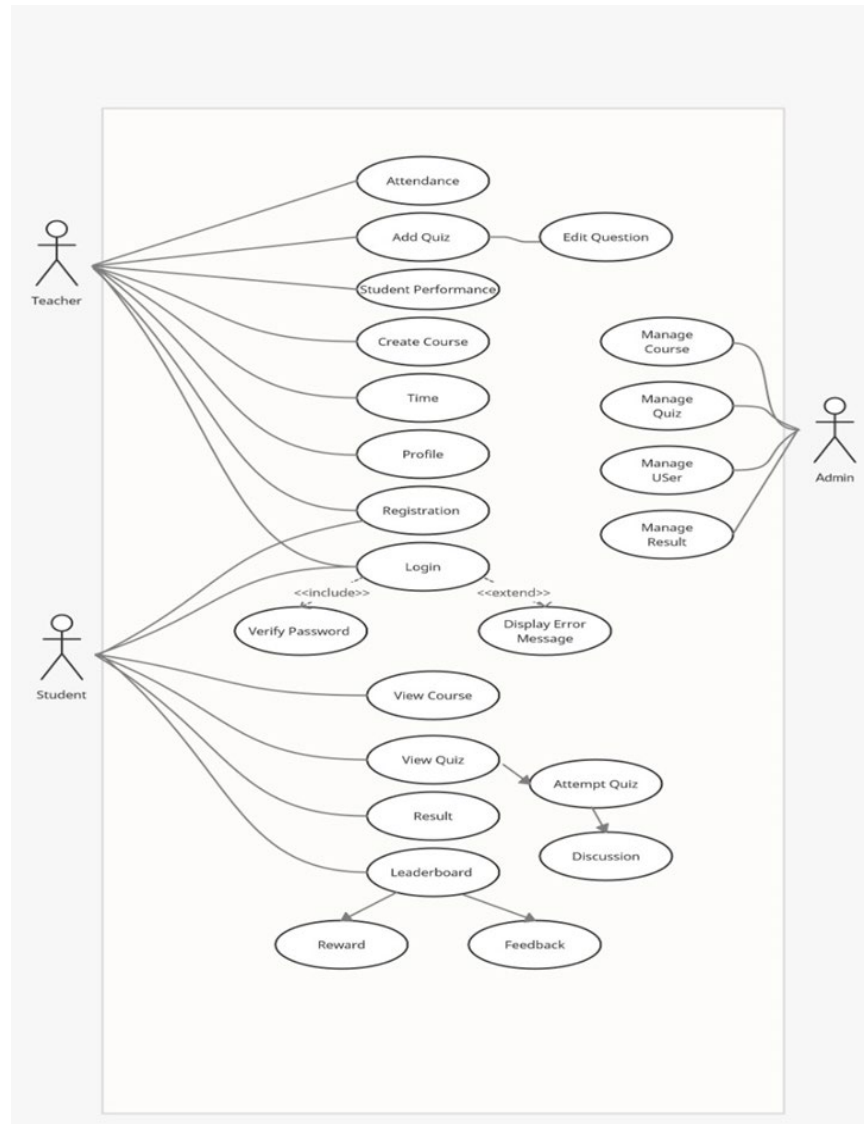
- Teachers and students have full access to edit their information.
- The teacher can see the all-academic information of a student.
- Teachers and students have no access to the database.

➤ **User Documentation**

- Have detailed documentation.
- Users can get any directional help from the documentation.

CHAPTER 3: SYSTEM ANALYSIS

3.1 Use Case Diagram



3.2 Use Case Description

Registration

Use Case Name	Registration	
Description	For login, users need to be registered	
Actors	Teacher, Student	
Pre-Condition	User must provide all required information	
Post-Condition	After successfully registration user will redirect to the dashboard	
Main Scenarios	Serial No	Steps
Actors/Users	1	Enter username Enter password
	2	Verify information
	3	Redirect to Dashboard
Extensions	2a	Invalid facts show error message
	2b	Provide all information

Login

Use Case Name	Login	
Description	To access the system's major features, user must first authenticate.	
Actors	Teacher, Student, Admin	
Pre-Condition	The user must first register.	
Post-Condition	After a successful login, user will be redirected to the dashboard.	
Main Scenarios	Serial No	Steps
Actors/Users	1	Enter username and password
	2	Verify information
	3	Redirect to Dashboard
Extensions	2a	Invalid information show error message

Create Course

Name of Use Case	Create Course	
Description	Teacher can create courses	
Actors	Teacher	
Pre-Condition	Teachers must be login to the system.	
Post-Condition	Teacher will create course and generate an enrollment key	
Main Scenarios	Serial No	Steps
Actors/Users	1	Login
	2	Provide information for create a course
Extensions	2a	Invalid information will show error

View Course

Name of Use Case	Course	
Description	Student must enroll to the course	
Actors	Student, Teacher	
Pre-Condition	Students must be enroll a course by the enrollment key.	
Post-Condition	After enroll a course, students will redirect to course.	
Main Scenarios	Serial No	Steps
Actors/Users	1	Enter enrollment key
	2	Show course
Extensions	1a	Invalid enrollment key will show error

Create Quiz

Name of Use Case	Create Quiz	
Description	Teacher will create questions	
Actors	Teacher	
Pre-Condition	Teachers must create courses.	
Post-Condition	After create course, Teacher will create quiz and fixed the time	
Main Scenarios	Serial No	Steps
Actors/Users	1	Create course
	2	Make questions
	3	Fixed time for examination
Extensions	3a	Time must be declared before quiz

View Quiz

Name of Use Case	View Quiz	
Description	Students can view the questions at the examination time.	
Actors	Student	
Pre-Condition	Students must join the course.	
Post-Condition	After join a course, students can see the quiz and can attend exam.	
Main Scenarios	Serial No	Steps
Actors/Users	1	Join course
	2	Attend examination
Extensions	1a	Student cannot attend quiz if student do not enroll the course

Exam Schedule

Name of Use Case	Exam Schedule	
Description	Wants to take the quiz at a specific time.	
Actors	Teacher	
Pre-Condition	Teachers must create course.	
Post-Condition	The given schedule has been saved.	
Main Scenarios	Serial No	Steps
Actors/Users	1	Teachers begin planning a new schedule.
	2	Enter the all quiz information
	3	The test will started as per the schedule.
Extensions	2a	Any wrong information show error message.

Add Questions

Name of Use Case	Add Questions	
Description	Add all question for examination.	
Actors	Teacher	
Pre-Condition	Teacher must create quiz.	
Post-Condition	Teacher will saves all questions.	
Main Scenarios	Serial No	Steps
Actors/Users	1	Create quiz
	2	The teacher begins to add new questions.
	3	Save questions
Extensions	3a	Save questions, otherwise it show the previous questions.

Edit Question

Name of Use Case	Edit Question	
Description	The teacher can edit the question if wants.	
Actors	Teacher	
Pre-Condition	The teacher must create the question	
Post-Condition	After editing the question save all questions.	
Main Scenarios	Serial No	Steps
Actors/Users	1	Create quiz
	2	Edit questions
	3	Save all questions
Extensions	3a	Invalid information will show error.

Attendance

Name of Use Case	Attendance	
Description	Student will get attendance for attend the quiz.	
Actors	Teacher, Student	
Pre-Condition	The student must attend the quiz.	
Post-Condition	After attending the exam, students will get auto attendance.	
Main Scenarios	Serial No	Steps
Actors/Users	1	Attend quiz.
	2	Save attendance.

Discussion

Name of Use Case	Discussion	
Description	Student can discuss their opinion based on the questions.	
Actors	Student	
Pre-Condition	Students must have attended the exam.	
Post-Condition	Discuss about the questions and answers with other students.	
Main Scenarios	Serial No	Steps
Actors/Users	1	Attend examination
	2	Send opinion
Extensions	1a	If a student cannot attend the examination, cannot discuss about the questions and result.

Result

Name of Use Case	Result	
Description	To evaluate the student.	
Actors	Teacher, Student	
Pre-Condition	The teacher will check all the answers.	
Post-Condition	The quiz result has been saved.	
Main Scenarios	Serial No	Steps
Actors/Users	1	See quiz result
	2	Enter quiz information
Extensions	2a	Invalid quiz result provide error.

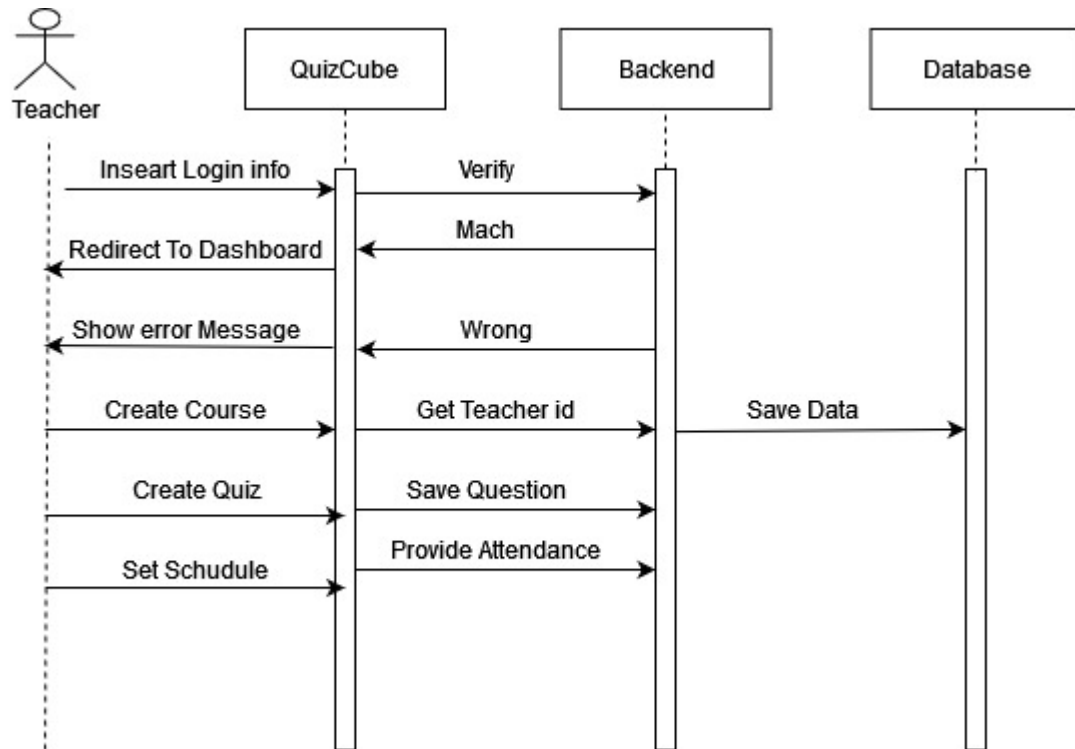
Feedback

Name of Use Case	Feedback	
Description	Provide feedback about a student based on the result.	
Actors	Student	
Pre-Condition	Publish result	
Post-Condition	Provide feedback on the leaderboard.	
Main Scenarios	Serial No	Steps
Actors/Users	1	Record all result
	2	Get feedback
Extensions	1a	Enter valid result information. Otherwise, show an error.

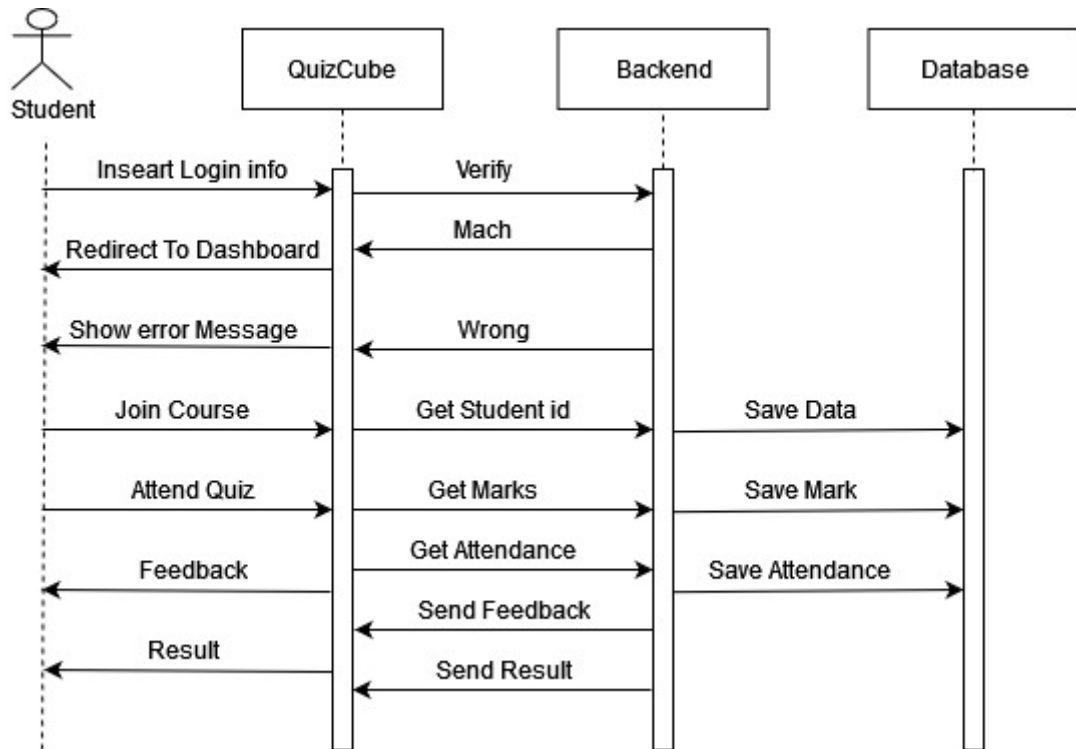
Reward

Name of Use Case	Reward	
Description	Rewarded student for good result	
Actors	Student	
Pre-Condition	Publish result	
Post-Condition	Provide feedback in the leaderboard.	
Main Scenarios	Serial No	Steps
Actors/Users	1	Record all result
	2	Get feedback
	3	Reward student
Extensions	1a	Result information must be valid

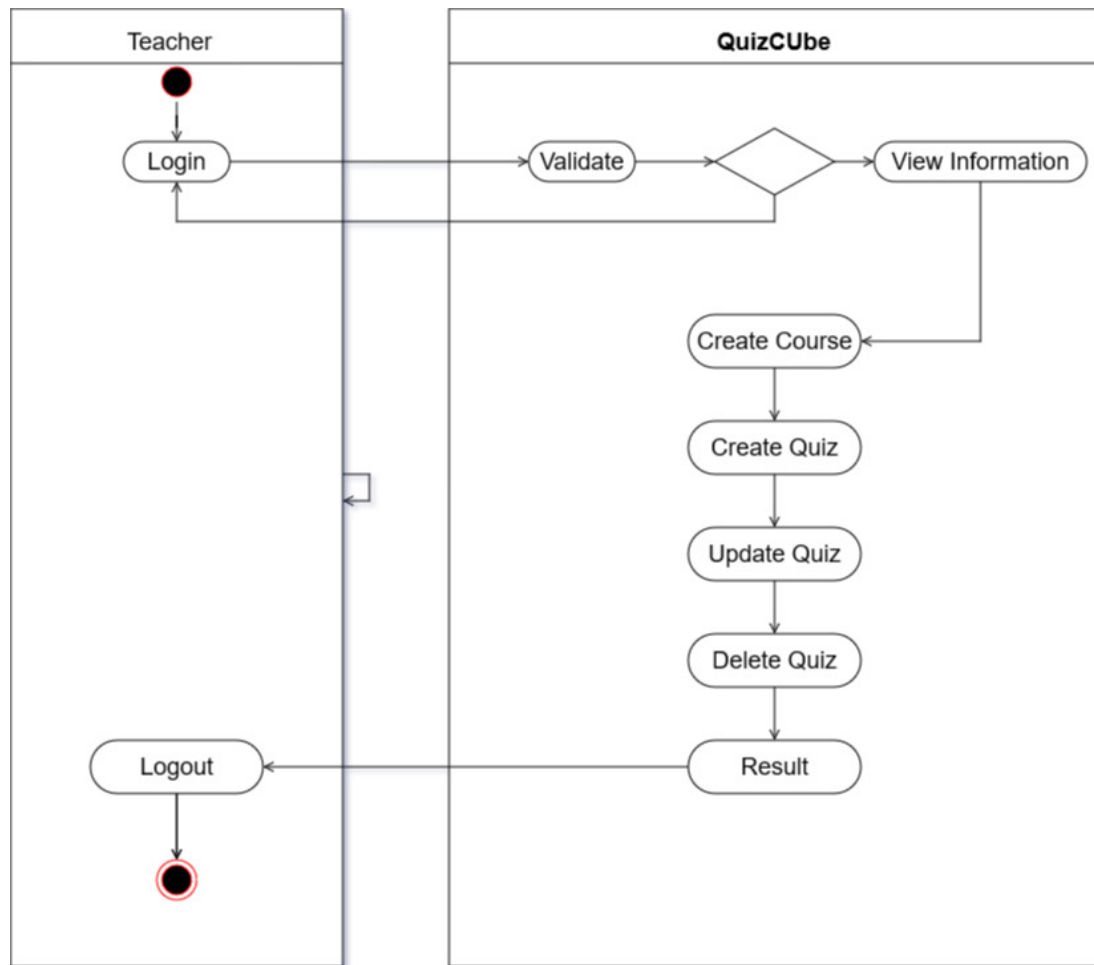
3.3 System Sequence Diagram (Teacher)



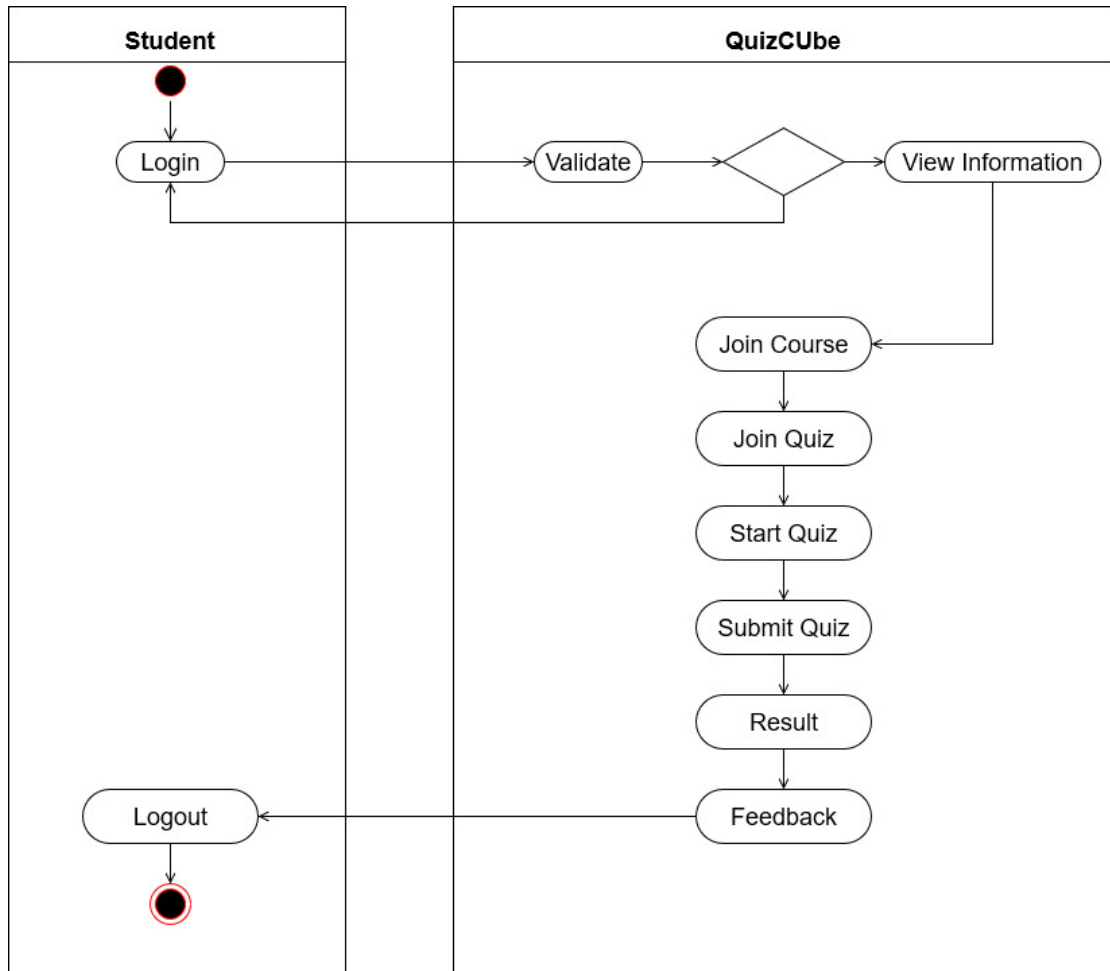
3.3 System Sequence Diagram (Shop)



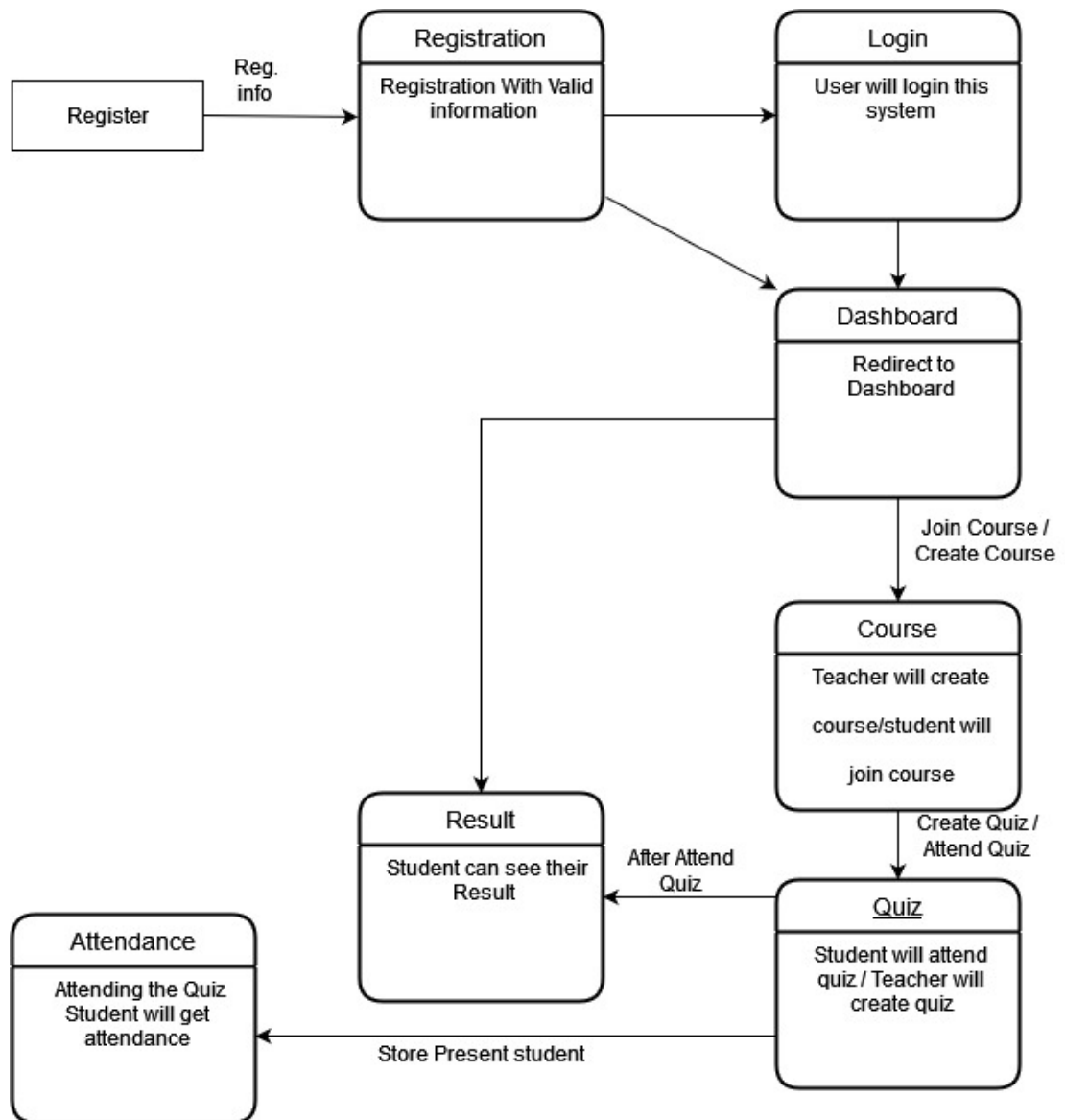
3.4 Activity Diagram (Teacher)



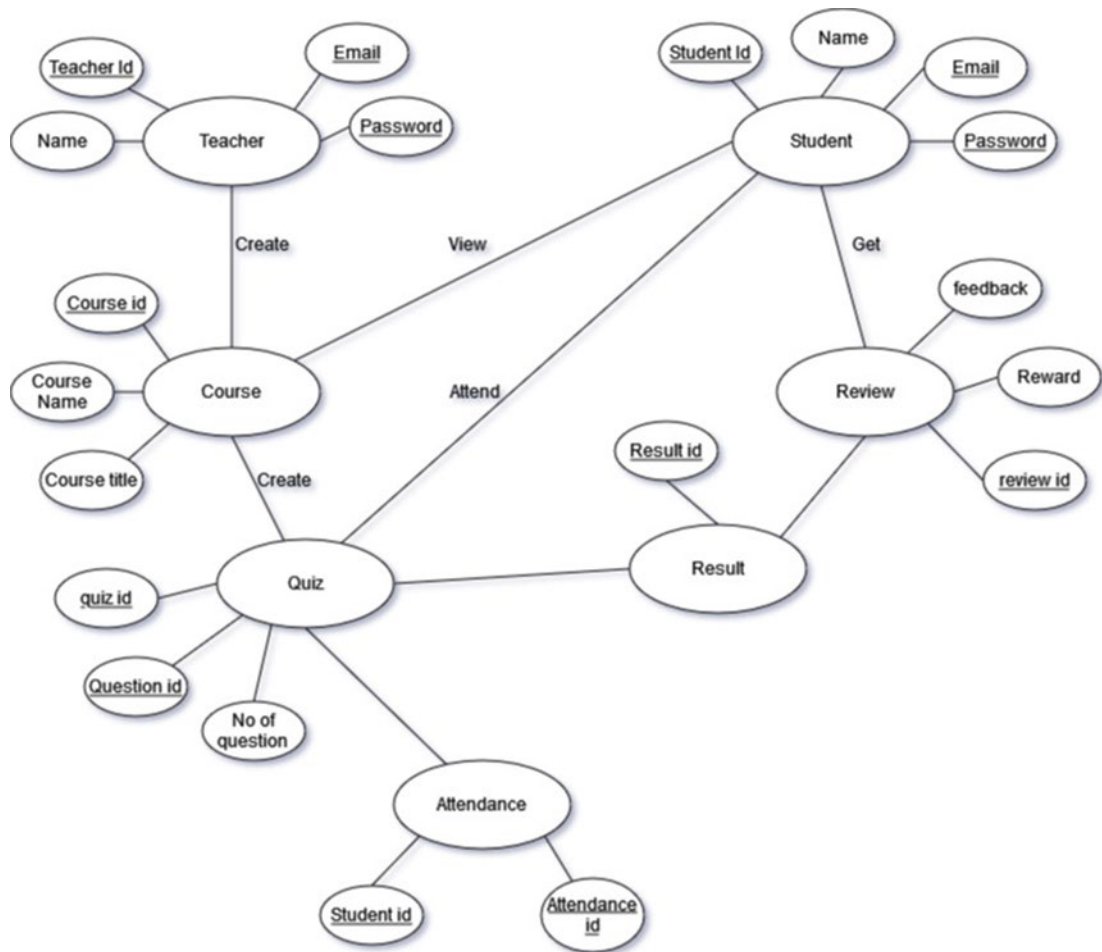
3.4 Activity Diagram (Student)



3.5 Dataflow Diagram (level 1)

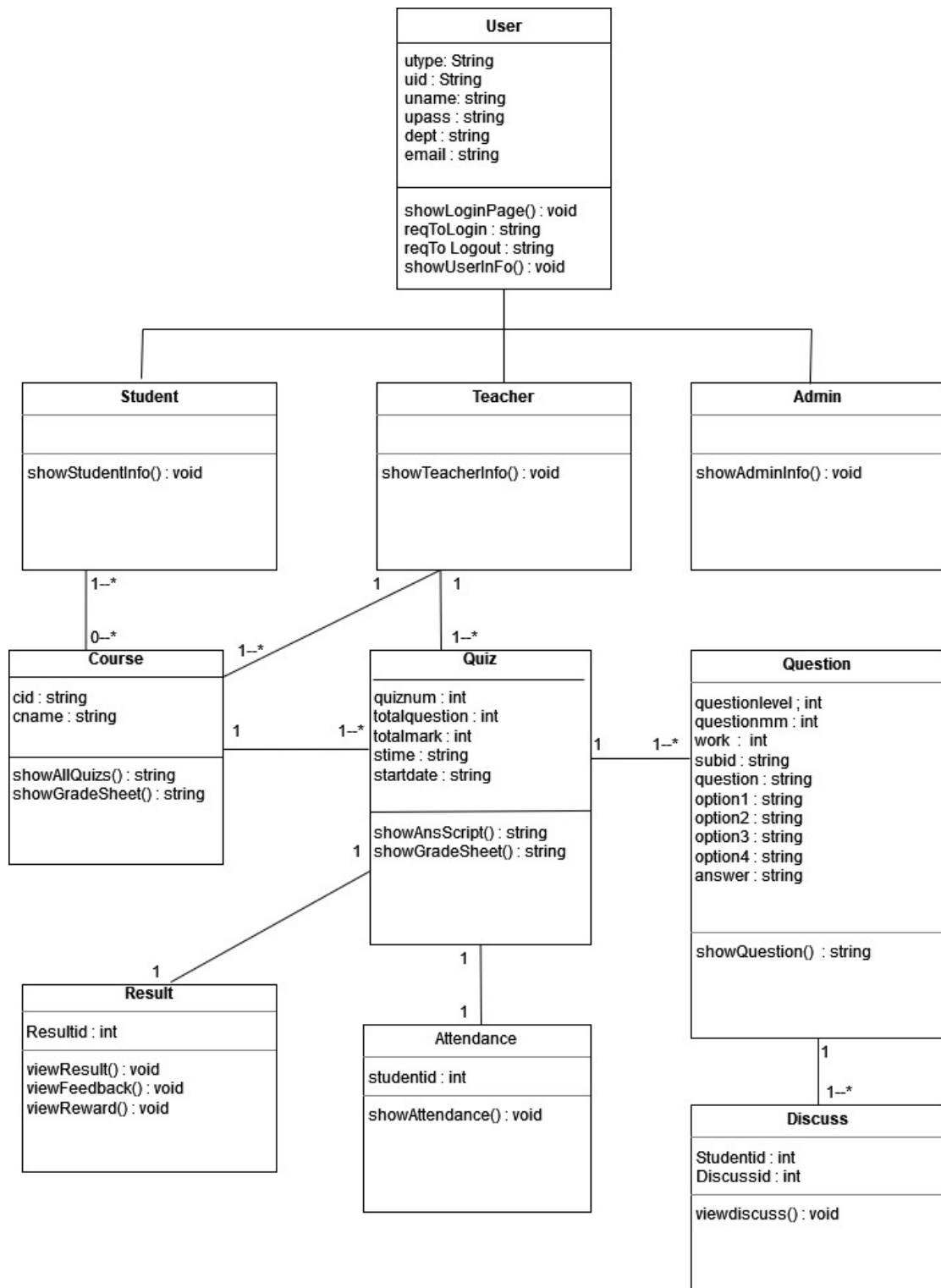


3.6 E-R Diagram



Chapter 4: System Design Specification

4.1 Class Diagram



4.3 Development Tools & Technology

4.3.1 User Interface Technology

- Python Django Framework
- Bootstrap4

4.3.2 Implementation Tools & Platforms

- PyCharm or vs code
- Localhost or Apache HTTP Server
- SQLite

CHAPTER 5: SYSTEM TESTING

5.1 Testing Features

5.1.1 Features to be tested

Test case no	Test feature	Description
1	User registration	User must provide valid information for registration
2	User login	The user should be verified.
3	Create course	The teacher can create a course after successfully logging in.
4	Create quiz	Teacher can create quiz
5	Attendance	Students will get attendance after attending examination.
6	Show result	Students can show result.
7	Discussion	Students can discuss with other students.
8	Feedback	Give feedback about a student.
9	Reward	For good results, students will be rewarded.

5.1.2. Test-case Table

Test case no: 1		Test case name: User registration			
System: QuiZCuBes		Designed by: Nahean Mahamud Tarik			
Test Priority: 2		Designed date: 27/12/2021			
Executed by: Nahean Mahamud Tarik		Executed date: 29/12/2021			
Description: Enroll to the course user must be registered in the system.					
Pre-Condition: Provide all the valid information.					
Test case ID	Test steps	Expected result	Actual result	Pass/fail	Comment
T01	1. Open the site. 2. Click signup. 3. Enter all details. 4. Click done.	Redirect to the dashboard	As expected	Pass	Properly, registered in the system
T02	1. Open the site. 2. Click signup. 3. Enter all details. 4. Click done.	Redirect to the dashboard	Registrat-ion fail	Fail	Unable to achieve the goal
T03	1. Open the site. 2. Click signup. 3. Enter all details. 4. Click done.	Redirect to the dashboard	Registrat-ion fail	Fail	Unable to achieve the goal
Post-conditions: View dashboard					

Test case no: 2		Test case name: User login			
System: QuiZCuBes		Designed by: Nahean Mahamud Tarik			
Test Priority: 2		Designed date: 27/12/2021			
Executed by: Nahean Mahamud Tarik		Executed date: 29/12/2021			
Description: After login user can see the dashboard.					
Pre-Condition: Provide all the valid information.					
Test case ID	Test steps	Expected result	Actual result	Pass/fail	Comment
T04	1. Open the site. 2. Click sign in. 3. Enter all details. 4. Click done.	Redirect to the dashboard	As expected	Pass	Properly, login in the system
T05	1. Open the site. 2. Click sign in. 3. Enter all details. 4. Click done.	Redirect to the dashboard	Login fail	Fail	Unable to achieve the goal
Post-conditions: View dashboard					

Test case no: 3		Test case name: Create course			
System: QuiZCuBes		Designed by: Nahean Mahamud Tarik			
Test Priority: 3		Designed date: 27/12/2021			
Executed by: Nahean Mahamud Tarik		Executed date: 29/12/2021			
Description: The teacher can create courses and the students will enroll in the course by enrollment key					
Pre-Condition: The teacher must logged in the system.					
Test case ID	Test steps	Expected result	Actual result	Pass/fail	Comment
T06	1. Login the system 2. Click create course. 3. Enter all details. 4. Click done.	Redirect to the course	Fail to create course	Fail	Must be fulfill all the information
T07	1. Login the system 2. Click create course. 3. Enter all details. 4. Click done.	Redirect to the course	As expected	Pass	Create course properly
Post-conditions: View course					

Test case no: 4		Test case name: Create quiz			
System: QuiZCuBes		Designed by: Nahean Mahamud Tarik			
Test Priority: 3		Designed date: 27/12/2021			
Executed by: Nahean Mahamud Tarik		Executed date: 29/12/2021			
Description: The teacher can make questions and schedule the examination time.					
Pre-Condition: The teacher must create the course.					
Test case ID	Test steps	Expected result	Actual result	Pass/fail	Comment
T08	1. Enter the course 2. Click create quiz 3. Enter all details. 4. Click done.	View the questions	Fail to make questions.	Fail	Must be fulfill all the information
T09	1. Enter the course 2. Click create quiz 3. Enter all details. 4. Click done.	View the questions	As expected	Pass	Make questions properly.
Post-conditions: View questions.					

Test case no: 5		Test case name: Attendance			
System: QuiZCuBes		Designed by: Nahean Mahamud Tarik			
Test Priority: 3		Designed date: 27/12/2021			
Executed by: Nahean Mahamud Tarik		Executed date: 29/12/2021			
Description: The teacher has an attendance list. When a student attends the examination, the student will get auto-attendance.					
Pre-Condition: The teacher must create the course.					
Test case ID	Test steps	Expected result	Actual result	Pass/fail	Comment
T10	1. Click quiz 2. Submit answer	That student will be present	Fail to give attendance	Fail	Must be fulfill all the information
T11	1. Click quiz 2. Submit answer	That student will be present	As expected	Pass	Properly give the attendance
Post-conditions: View attendance list.					

Test case no: 6		Test case name: Show result			
System: QuiZCuBes		Designed by: Nahean Mahamud Tarik			
Test Priority: 3		Designed date: 27/12/2021			
Executed by: Nahean Mahamud Tarik		Executed date: 29/12/2021			
Description: This system provide result in early.					
Pre-Condition: The student must attend the examination.					
Test case ID	Test steps	Expected result	Actual result	Pass/fail	Comment
T12	6. Check result	Can see the result	Cannot publish result	Fail	Unable to achieve the goal
T13	6. Check result	Can see the result	As expected	Pass	Properly publish the results.
Post-conditions: View result					

Test case no: 7		Test case name: Discussion			
System: QuiZCuBes		Designed by: Nahean Mahamud Tarik			
Test Priority: 2		Designed date: 27/12/2021			
Executed by: Nahean Mahamud Tarik		Executed date: 29/12/2021			
Description: This system provide result in early.					
Pre-Condition: The student must attend the examination.					
Test case ID	Test steps	Expected result	Actual result	Pass/fail	Comment
T14	1. Submit answer 2. Open discussion part 3. Share images if needed	Can discuss with other student	Cannot post opinion	Fail	Unable to achieve the goal
T15	1. Submit answer 2. Open discussion part 3. Share images if needed	Can discuss with other student	As expected	Pass	Properly post opinion
T16	1. Submit answer 2. Open discussion part 3. Share images if needed	Can discuss with other student	Cannot post opinion	Fail	Unable to achieve the goal
Post-conditions: View discussion					

Test case no: 8		Test case name: Feedback			
System: QuiZCuBes		Designed by: Nahean Mahamud Tarik			
Test Priority: 2		Designed date: 27/12/2021			
Executed by: Nahean Mahamud Tarik		Executed date: 29/12/2021			
Description: This system provide feedback for a student based on the result.					
Pre-Condition: Result must be saved.					
Test case ID	Test steps	Expected result	Actual result	Pass/fail	Comment
T17	1. Click leaderboard 2. See feedback	Can see the feedback	Fail to provide feedback	Fail	Unable to achieve the goal
T18	1. Click leaderboard See feedback	Can see the feedback	As expected	Pass	Properly see the feedback
Post-conditions: View feedback					

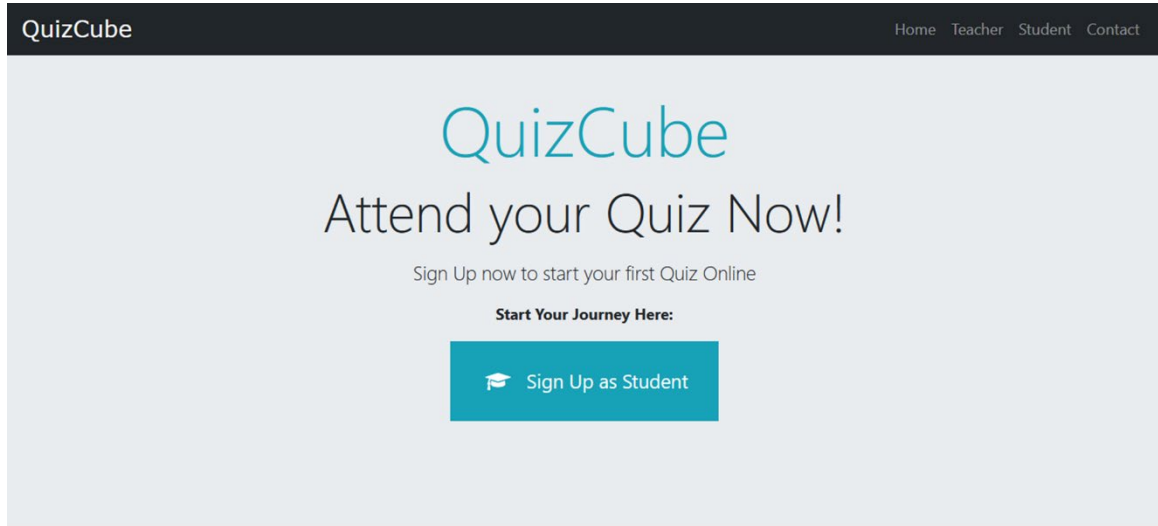
Test case no: 9		Test case name: Reward			
System: QuiZCuBes		Designed by: Nahean Mahamud Tarik			
Test Priority: 2		Designed date: 27/12/2021			
Executed by: Nahean Mahamud Tarik		Executed date: 29/12/2021			
Description: This system rewarded student for best result.					
Pre-Condition: Result must be saved.					
Test case ID	Test steps	Expected result	Actual result	Pass/fail	Comment
T19	1. Click leaderboard 2. See reward	Can see the reward	Fail to provide reward	Fail	Unable to achieve the goal
T20	1. Click leaderboard 2. See reward	Can see the reward	As expected	Pass	Properly see the reward
Post-conditions: View reward.					

5.1.3 Traceability Matrix

Req No	Req Desc	Test_case ID	Status
1	User Registration	T01, T02, T03,	T01: Pass T02: Fail T03: Fail
2	User Login	T04, T05	T05: Pass T06: fail
3	Create Course	T06, T07	T06: Fail T07 Pass
4	Create Quiz	T08, T09	T08: Fail T09: Pass
5	Attendance	T10, T11	T10: Fail T11: Pass
6	Show result	T12, T13	T12: Fail T13: Pass
7	Discussion	T14, T15, T16	T14: Fail T15: Pass T16: Fail
8	Feedback	T17, T18	T17: Fail T18: Pass
9	Reward	T19, T20	T19: Fail T20: Pass

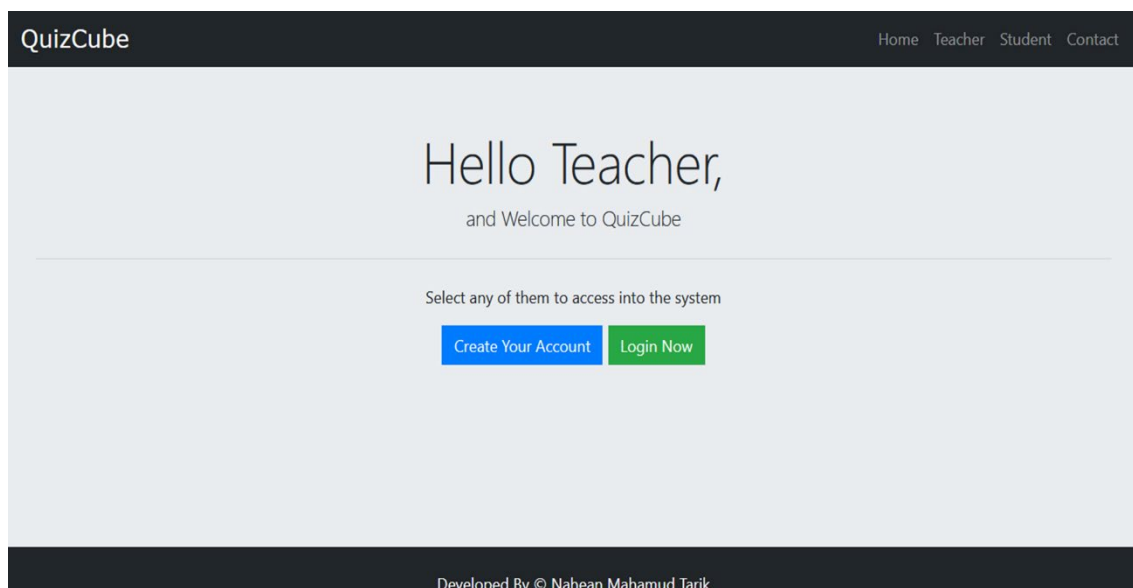
CHAPTER 6: USER MANUAL

6.1 Landing page



6.2 User manual (Teacher)

(Teacher home page)



(Teacher signup)

QuizCube

[Home](#) [Teacher](#) [Student](#) [Contact](#)

Teacher Signup Form

First Name	Last Name
First Name	Last Name
Contact	Address
Contact Number	Address
Username	Password
username	password
Profile Picture	
Browse... No file selected.	
Sign Up	

(Teacher login)

QuizCube

[Home](#) [Teacher](#) [Student](#) [Contact](#)

Teacher Login Panel

(Teacher dashboard)

QUIZCUBE



Nayeem
(Teacher)

Dashboard

Manage Courses

Manage Questions

Registered Students

2

Total Courses

4

Total Questions

4

Logout

(Course)

QUIZCUBE



Nayeem
(Teacher)

Dashboard

Manage Courses

Manage Questions

Add Courses



View Courses



Logout

(Create Course)

QUIZCUBE

Logout



Nayeem
(Teacher)

Dashboard

Manage Courses

Manage Questions

Add Course Info

Course Name
Example: Databases

Total Question
Example: 10

Total Marks
Example: 100

Submit Info

(Add question)

QUIZCUBE

Logout



Nayeem
(Teacher)

Dashboard

Manage Courses

Manage Questions

Add Question

Course
Course Name

Question
Example: What is the relation calculus?

Marks
Example: 5

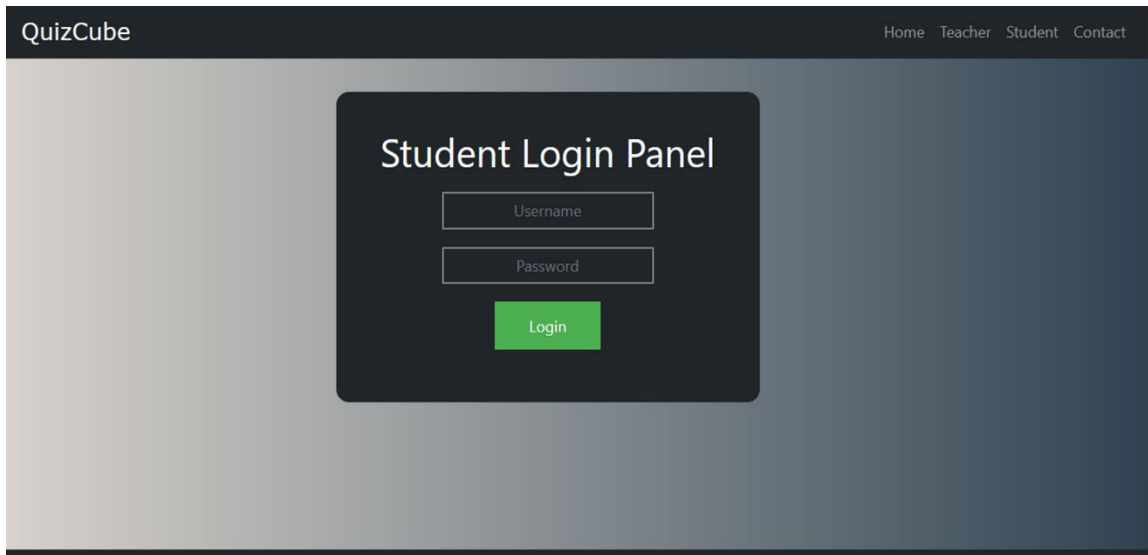
Option 1
Example: It is a kind of procedural language

Option 2
Example: It is a non-procedural language

Option 3

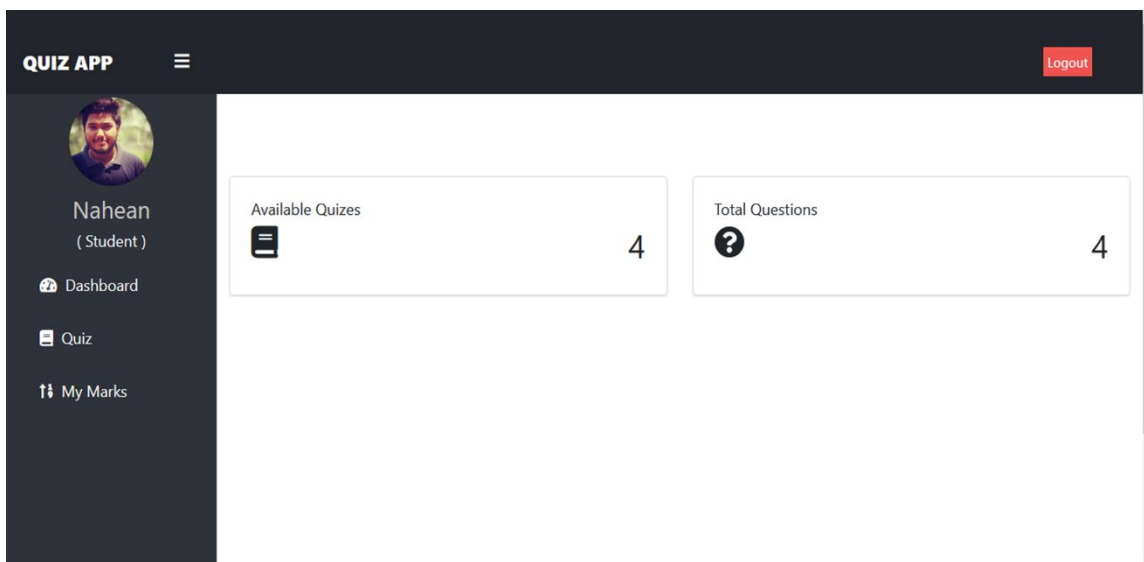
6.3 User manual (Student)

(Student login)



The image shows the QuizCube Student Login Panel. It features a dark header with the QuizCube logo on the left and navigation links (Home, Teacher, Student, Contact) on the right. The main content area has a dark background with a central white box containing the title "Student Login Panel". Below the title are two input fields: "Username" and "Password", followed by a green "Login" button.

(Student Dashboard)



The image shows the Quiz APP Student Dashboard. It features a dark header with the Quiz APP logo on the left, a menu icon in the center, and a "Logout" button on the right. The main content area is divided into two sections. On the left, there is a profile card for "Nahean (Student)" with a profile picture and three menu items: "Dashboard", "Quiz", and "My Marks". On the right, there are two statistics cards: "Available Quizes" with a book icon and the number "4", and "Total Questions" with a question mark icon and the number "4".

(Quiz List)

QUIZ APP

Logout



Nahean
(Student)

Dashboard

Quiz

My Marks

Available Courses	
Exam Name	Action
Test Course	Attend Exam
Another Course	Attend Exam
Code Course	Attend Exam
Database	Attend Exam

(Quiz enrollment page)

QUIZ APP

Logout



Nahean
(Student)

Dashboard

Quiz

My Marks

2. Only one choice is correct among the given.

3. Every question carry different marks.

4. Try to answer ASAP.

5. If you PRESS refresh or go back to the previous page, there will be a new question for you and the question you were on will be counted as number of attempts.

6. Questions are presented randomly.

7. You will be able to view marks immediately once after you submit the answer.

Code

Enter

Best Of Luck, Students!

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(Marks page)

The screenshot shows the 'My Marks' page for a student named Nahean. The page has a dark sidebar with a user profile and navigation links. The main content area displays a table of marks for various courses.

My Marks	
Course	Action
Test Course	View Marks
Another Course	View Marks
Code Course	View Marks
Database	View Marks

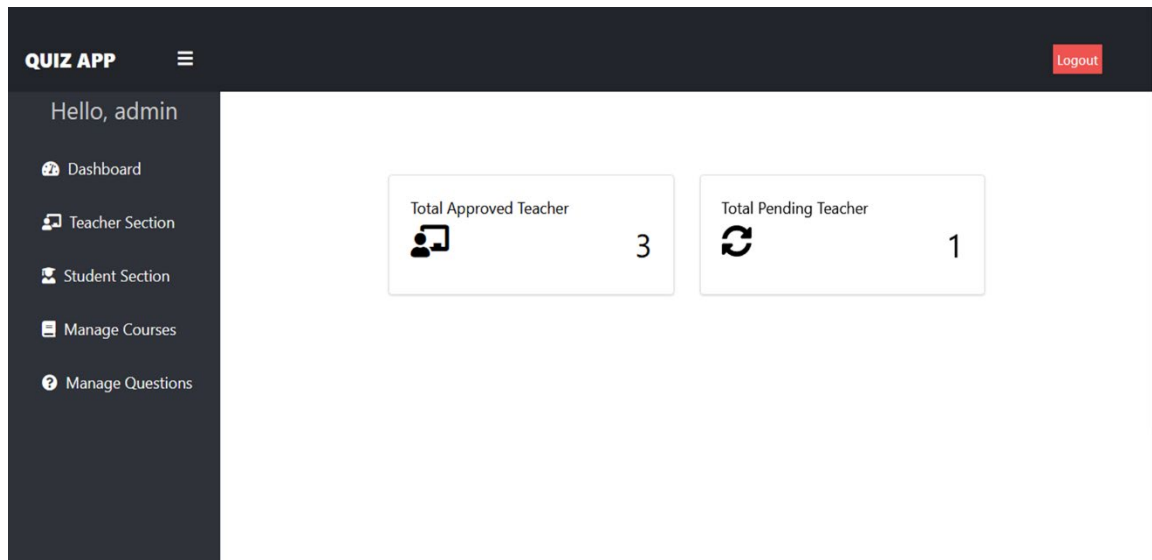
6.4 User manual (Admin)

(Admin Dashboard)

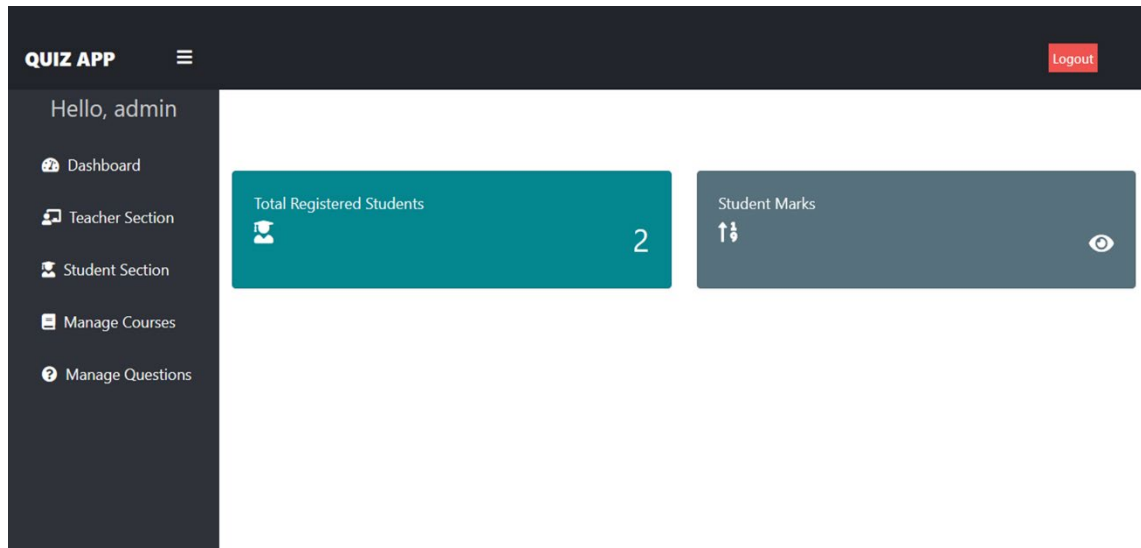
The screenshot shows the Admin Dashboard of the Quiz App. The page has a dark sidebar with a greeting and navigation links. The main content area displays four summary cards for key statistics.

Registered Students	Total Teachers	Total Courses	Available Questions
2	3	4	4

(Teacher approval)



(Student information)



CHAPTER 7: CONCLUTION

7.1 GitHub Link

https://github.com/naheantarik/Quiz_Cube

7.2 Limitations

- UI need to be improve.
- Search option cannot work.
- Student cannot see the feedback

7.3 Future Scope

QUIZCuBes must be an essential tool for teachers and students. In future release, teacher can provide course content in the system. Teacher can take classes by this system. If necessary, can teach through video.