



**Daffodil**  
*International*  
**University**

## ONLINE EXAMINATION SYSTEM (OES)

By

Md. Mominul Islam

Id: 161-35-1432

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

Department of Software Engineering  
DAFFODIL INTERNATIONAL UNIVERSITY  
Fall– 2019



**Daffodil**  
*International*  
**University**

## ONLINE EXAMINATION SYSTEM (OES)

Submitted to

Mr. K. M. Imtiaz-Ud-Din

Assistant Professor

Department of SWE

Daffodil International University

Submitted by

Md. Mominul Islam

ID: 161-35-1432

This Project report has been submitted in fulfillment of the requirements

for the Degree

of

Bachelor of Science in Software Engineering.

All right Reserved by Daffodil International University

# DECLARATION

It hereby declares that this project has been done by me under the supervisor of Mr. K.M.Imtiaz-Ud-Din,Assistant Professor, Department of Software Engineering, Daffodil International University. It is also declared that neither this thesis nor any part of this has been submitted elsewhere for award of any degree.

---

Md.Mominul Islam

Student ID: 161-35-1432

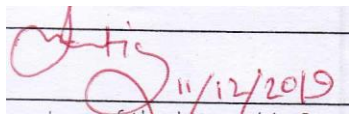
Batch: 19th

Department of Software Engineering

Faculty of Science & Information Technology

Daffodil International University

Certified by:

A handwritten signature in red ink, appearing to read 'K.M. Imtiaz-Ud-Din', is written over a horizontal line. Below the signature, the date '11/12/2019' is also written in red ink.

---

Mr. K. M. Imtiaz-Ud-Din

Assistant Professor

Department of Software Engineering

Faculty of Science & Information Technology

Daffodil International University

## **ACKNOWLEDGEMENT**

First of all, I am grateful to The Almighty Allah for making me eligible to complete this project. Then I should like to thank my supervisor Mr.k.M.Imtiaz-Ud-Din, Assistant Professor, Department of Software Engineering. I wish to express my sincere thanks to Dr. Touhid Bhuiyan , Professor & Head of Software Engineering department for his continuous encouragement and inspiration. Last but not least, I would like to thank to my parents for their unconditional support and love.

# Table of Contents

## Contents

Chapter 1 .....	1
Introduction .....	1
1.1 Project Overview .....	1
1.2 The Purpose of the Project.....	1
1.2.1 Background of the Project Effort .....	1
1.2.2 Beneficiaries and Benefits .....	1
1.2.3 Goals of the Project.....	1
1.3 Stakeholders.....	2
1.4 Propose System Model .....	2
1.4.1 V-Model .....	2
1.4.2 Block Diagram .....	3
1.5 Project Schedule .....	3
1.5.1 Gantt Chart .....	3
1.5.2 HR Planning for Development Phase .....	4
1.5.3 Release Plan.....	5
Chapter 2 .....	6
Software Requirement Specification.....	6
2.1 Functional Requirement .....	6
2.2 Data Requirement.....	7
2.3 Performance requirement .....	7
2.3.1 Speed and latency Requirements .....	7
2.3.2 Precision or Accuracy Requirements .....	7
2.3.3 Capacity Requirements .....	8
2.4 Dependability Requirements.....	8
2.4.1 Reliability Requirements .....	8
2.4.2 Availability Requirements.....	8
2.4.3 Robustness or Fault-Tolerance Requirements.....	8
2.5 Maintainability supportability Requirements .....	8
2.5.1 Maintenance Requirements .....	8

2.5.2 Supportability Requirements.....	8
2.5.3 Adaptability Requirements.....	8
2.6 Security Requirements.....	8
2.6.1 Access Requirements .....	9
2.6.2 Integrity Requirements .....	9
2.6.3 Privacy Requirements.....	9
2.7 usability and Human-Interaction Requirements .....	9
2.7.1 Ease of Use Requirements.....	9
2.7.3 Understandability Politeness Requirements .....	9
2.7.4 Accessibility Requirements.....	9
Chapter 3 .....	10
System analysis and design.....	10
3.1 Use Case .....	10
3.2 Use Case Description .....	11
3.2.1 Registration for Student .....	11
3.2.2 Login for Student.....	11
3.2.3 Create Account for Examiner.....	12
3.2.4 Login for Examiner .....	12
3.2.5 Make Question of Examiner .....	12
3.2.6 Add Question of Examiner.....	13
3.2.7 View Question of Student .....	13
3.2.8 Answer Question of Student .....	14
3.2.9 Show Result of Student .....	14
3.2.10 Show Result of Examiner .....	14
3.3 Activity Diagram .....	15
3.3.1 Examiner Create Account .....	15
3.3.2 Examiner Login.....	15
3.3.3 Examiner Make Question .....	16
3.3.4 Examiner Add Question.....	17
3.3.5 Examiner Show Result.....	18
3.3.6 Student Registration .....	19
3.3.7 Student Login.....	19
3.3.7 Student View Question .....	20

3.3.8 Student Answer Question.....	21
3.3.9 Student View Result.....	21
3.4 Data flow diagram .....	22
Chapter 4 .....	23
System Design Specification .....	23
4.1 Sequence Diagram .....	23
4.1.1 Student Registration .....	23
4.1.2 Student Login.....	23
4.1.3 View Question of Student .....	24
4.1.4 Answer Question of Student .....	25
4.1.5 Show Result of Student .....	25
4.1.6 Examiner Create Account .....	26
4.1.7 Examiner Login.....	27
4.1.8 Make Question of Examiner .....	28
4.1.9 Add Question of Examiner.....	28
4.1.10 Show Result Examiner .....	29
4.2 Database Design Diagram .....	29
4.2.1 Entity Relationship Diagram (ERD).....	29
4.3 Class Diagram .....	30
4.3 Development Tools & Technology.....	31
4.3.1. Framework .....	31
4.3.2 Implement tool and platform .....	31
Chapter 5 .....	32
System Testing .....	32
5.1 Testing Features .....	32
5.1.1 Features to be Tested.....	32
5.1.2 Features not to be Tested .....	32
5.2 Testing Strategies .....	32
5.2.1 Test Approach .....	32
5.2.2 Pass or fail Criteria .....	32
5.2.3 Suspension & Resumption.....	32
5.3 Testing Environment (Software/hardware Requirement) .....	33
5.4 Test Cases.....	33

5.4.1 Test case for Login form examiner.....	33
5.4.2 Registration form for Student.....	34
5.4.3 Test Case for Login form Student.....	34
5.4.4 Test Case for Add Question form Examiner .....	35
Chapter 6 .....	36
User Manual.....	36
6.1 Home page .....	36
6.2 Examiner Create Account Panel .....	37
6.3 Examiner login Panel.....	37
6.5 Student Login Panel .....	39
6.6 Students view and Answer Question .....	40
6.7 Examiner Make & Add Question Panel .....	41
6.8 Show Result Examiner and Student .....	42
Chapter 7 .....	44
Project Summary .....	44
7.1 Limitations.....	44
7.2 Obstacle & Achievement.....	44
7.4 Conclusion .....	44



## List of Figures

Figure 1 V-Model.....	2
Figure 2 Block Diagram .....	3
Figure 3 Gantt chart .....	4
Figure 4 Use case.....	10
Figure 5 Activity for Examiner Create Account .....	15
Figure 6 Examiner Login.....	16
Figure 7 Examiner Make Question .....	17
Figure 8 Examiner Add Question.....	17
Figure 9 Examiner Show Result.....	18
Figure 10 Student Registration .....	19
Figure 11 Login of student .....	20
Figure 12 Student View question .....	21
Figure 13 Student Answer question .....	21
Figure 14 Student View Result .....	22
Figure 15 Data flow Diagram .....	22
Figure 16 Student Registration .....	23
Figure 17 Student Login .....	24
Figure 18 View Question Student.....	25
Figure 19 Answer Question Student.....	25
Figure 20 Show Result of Student .....	26
Figure 21 Examiner Create Account .....	27
Figure 22 Examiner Login.....	27
Figure 23 Make Question.....	28
Figure 24 Add Question .....	28
Figure 25 Show Result of Examiner .....	29
Figure 26 Database Design Diagram.....	30
Figure 27 Class Diagram.....	31

## List of Tables

Table 1 Release Plan.....	5
Table 2 Functional Requirement.....	6
Table 3 Data Requirement.....	7

# Chapter 1

## Introduction

### 1.1 Project Overview

online examination system (OES) it is online exam based test that the online examination system examinee's or student ability power knowledge level. Other hands it's another name is called online quiz test. First of all, you do not know he is which category of student when you can easily have judged in the short time from this online examination system. For example, firstly he wrongs perform answer the question then he does not get mark then came to another question if he properly performs answer the question then he gets a mark came more question if he done then he gets good mark and more question after then if he wrongs perform the answer question do not get mark then similarly came question and this proses continue at the end of time the online examination system finish. The question is different type.

### 1.2 The Purpose of the Project

In a short time, you can easily identify which category of student from this online examination system (OES).

#### 1.2.1 Background of the Project Effort

From in this online examination system examiner identify which type of student in low time.

#### 1.2.2 Beneficiaries and Benefits

This online examination system are mainly beneficiaries for examiner and students. Benefits are

- This test is fully functional and flexible.
- It is very easy to use.
- It saves a lot of time and money.
- Examiner keep every record.
- Student can easily attend the exam
- He will not go exam center
- He attends the exam of your home
- It is easy process for the student
- Show result in the short time

#### 1.2.3 Goals of the Project

The main goals of this project is to-

- Making a User friendly and easy interface website.
- Reduce the time and cost.

- Reduce the complexity of the test process.
- Easily attend the test.
- Show result in the short time

### 1.3 Stakeholders

The main stakeholders are in this project of online examination system -

- Examiner
- Student

### 1.4 Propose System Model

A software process model is simplified representation of a software process. Each model represents a process from specific perspectives.

#### 1.4.1 V-Model

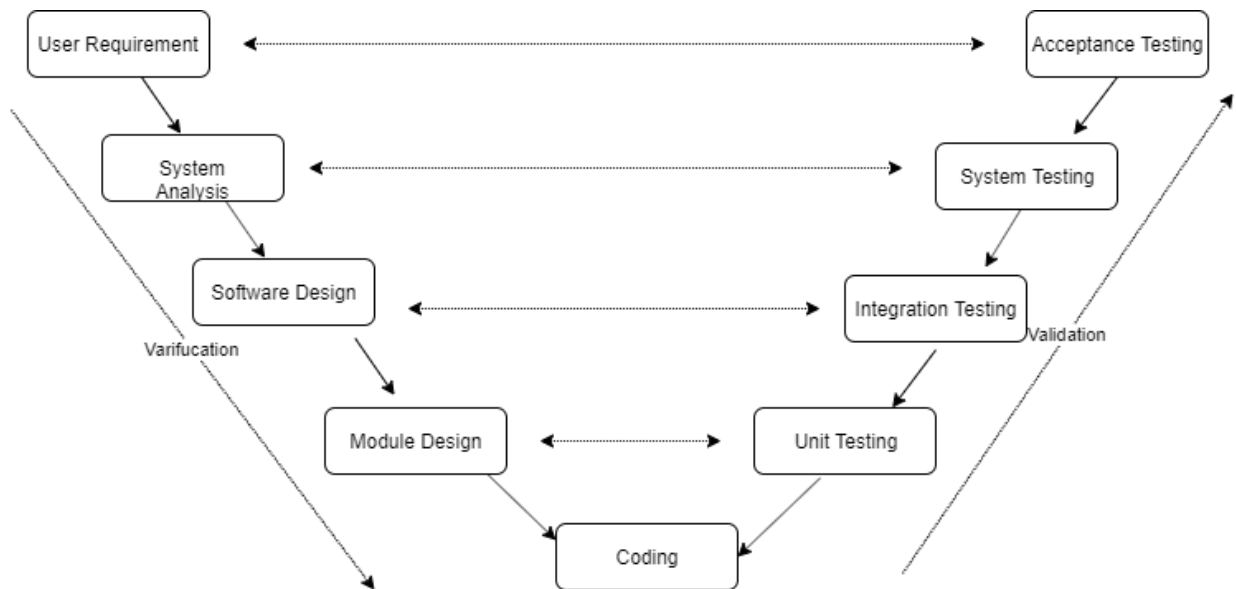


Figure 1 V-Model

### 1.4.2 Block Diagram

Block diagram is representing the functionality relation of the system. Block diagram also represent relation between block in a system.

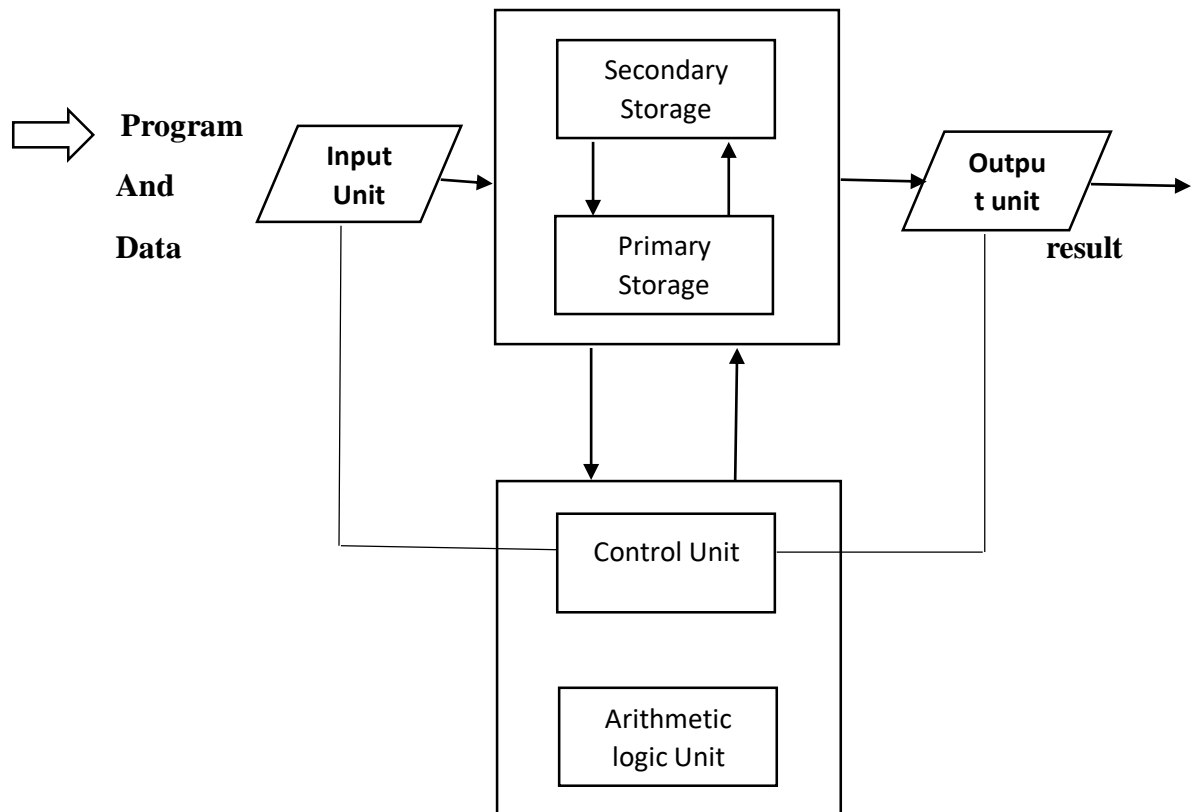


Figure 2 Block Diagram

In this project we can see via block diagram, when examiner and student create a committee this process in server committee add in the committee list.

### 1.5 Project Schedule

Project schedule is a mechanism to about what task need to get done in the certain time

#### 1.5.1 Gantt Chart

A Gantt chart is a series of horizontal lines shows the amount of work done or production completed in certain period in relation to the amount planned for those period.

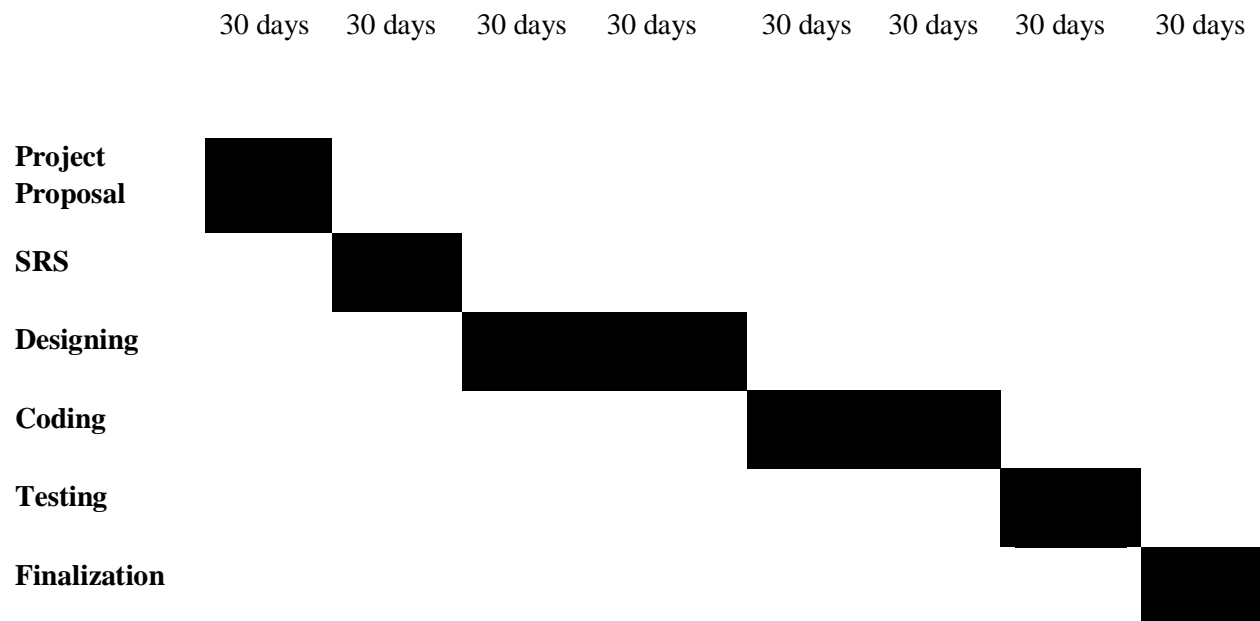


Figure 3 Gantt chart

#### 1.5.2 HR Planning for Development Phase

- Project plan
- Analysis
- Requirement gathering
- Observation
- Implementation Analysis
- Design
- System design
- Database design & implementation
- System User Interface (UI)
- Development
- User
- Module
- Others

- Testing
  - Test plan
  - Test Case
  - Test Execution

### 1.5.3 Release Plan

After complete this application 10th November I want to release this application.

Release name	Date
1 <sup>st</sup> release	10-11-2019
2 <sup>nd</sup> release	10-01-2020

Table 1 Release Plan

## Chapter 2

### Software Requirement Specification

#### 2.1 Functional Requirement

Functional requirements are expressed in from specifies something the system must do. The functionality actually they to work the online examination system.

FRQ ID	FRQ Name	Description
FRQ 01	Examiner create	Examiner if he first time use the system must be create new account then her information such as input name and email then enter the system
FRQ 02	Examiner login	Without login examiner does not enter the system she/he will be only see the website. Then firstly create and login and the enter the system
FRQ 03	Examiner Make & Add question	Then enter the system he type the question then submit Add question.
FRQ 04	Examiner view result	Last when the student finish the exam examiner see the result.
FRQ 05	Student Registration	Provide the system for student registration page. When enter the system student must be register the system such as name ,email ,password etc.
FRQ 06	Student Login	After then came the login page while use the previous email and password
FRQ 07	Student view question	Then student see the question page.
FRQ 08	Student Answer question	After then student answer the question sequence.
FRQ 09	Student show result	When student finish her exam then he see of your result

Table 2 Functional Requirement



## 2.2 Data Requirement

Data requirements are prescribed directives or consensual agreements that define the content and/or structure that constitute high quality data instances and values and data requirements of online examination system.

DR ID	Description	Priority
DR 01	The system will provide for new examiner to do create account and login then enter the system.	High
DR 02	Examiner can login then Make and add the question.	High
DR 03	Student firstly registration then login the system	High
DR 04	Student view and answer the question	High
DR 05	Examiner and student both view the result	High

Table 3 Data Requirement

## 2.3 Performance requirement

### 2.3.1 Speed and latency Requirements

The system required a fair speed especially when an examiner to provide the online examination system examiner manage to student application process for the exam test. While the examiner and student browsing the system the page will show within a moment it totally depends on the examiner and student internet connection. The system starts the run more then 10/12 second. This is the run time the system.

### 2.3.2 Precision or Accuracy Requirements

There is nothing specific precision requirements. Precision or Accuracy Requirements is how close the system that's accuracy from add question loaded ability of the system.

### 2.3.3 Capacity Requirements

At first the system will be containing all the examiner and student information and will be all information store in database.

## 2.4 Dependability Requirements

### 2.4.1 Reliability Requirements

This system is able to behave consistently active in test examiner and student that's why it will be very sensitive for examiner and student. The main goal of our system, it reduces the complexity of found the quality of student in the short time in the online examination system.

### 2.4.2 Availability Requirements

Must be available the system at 24 hours in a day. Every time and every moment can access examiner and student. It is important for the system with the internet connection and electronics devices such as laptop, phone or PC.

### 2.4.3 Robustness or Fault-Tolerance Requirements

Sometimes multiple user can access the system.

## 2.5 Maintainability supportability Requirements

### 2.5.1 Maintenance Requirements

Examiner can manage the student's application all process and complete validation process through this system.

### 2.5.2 Supportability Requirements

There are no specific supportability requirements.

### 2.5.3 Adaptability Requirements

There are no specific supportability requirements.

## 2.6 Security Requirements

This system has some security like this

- User name
- Validation

- Password

#### 2.6.1 Access Requirements

Do not access this system without register any examiner and student cannot enter in this system. If he enters the system must be follow the rules.

#### 2.6.2 Integrity Requirements

To protect all data such as username and password (examiner and students) are stored in the database in this system.

#### 2.6.3 Privacy Requirements

To protect all data username and password (examiner and students) are stored in the database in this system.

### 2.7 usability and Human-Interaction Requirements

#### 2.7.1 Ease of Use Requirements

The online examination system can easily use and it is understanding. Fast of all student registration and login and learn to function then view question, and answer the question and after finish the exam he sees her the result.

#### 2.7.3 Understandability Politeness Requirements

This online examination system is very easy for understand and also usable and it is a user friendly.

#### 2.7.4 Accessibility Requirements

There is no access without follow below those-

- Examiner create new account
- Examiner login
- Student registration
- Student login

## Chapter 3

### System analysis and design

#### 3.1 Use Case



Figure 4 Use case

## 3.2 Use Case Description

### 3.2.1 Registration for Student

Name	Registration	
Description	New student register in this system for test .When a student enter the system will register. And student does enter the system without the registration.	
Actors	Student	
Triggers	Click Registration button	
Precondition	01	Must be student and user.
	02	When student will attend for the test to must register to the system.
Post conditions	01	Student data store in the database
	02	Click then login page
Successful scenario	01	Student input name.
	02	Student input email.
	03	click registration button and will come to next page
Failure scenario	01	Student input wrong information data
	02	Student do not found page

### 3.2.2 Login for Student

Name	Login	
Description	When student will attend for the test while student login system. If he wants to test before login.	
Actors	Student	
Triggers	Click Login button	
Precondition	01	Must be registration the system.
	02	Must be valid user.
Post conditions	01	Student data store in the database
	02	Click then view question page
Successful scenario	01	Student type of your name.
	02	Student type of your and email.
	03	Student type of your password.
Failure scenario	01	Student input wrong information data
	02	Student do not found page

### 3.2.3 Create Account for Examiner

Name	Create	
Description	Firstly click the create button new examiner Create new account enter this system click button.	
Actors	Examiner	
Triggers	Click Create the button	
Precondition	01	Must be Examiner.
	02	Must an examiner account
Post conditions	01	Examiner data store in the database
	02	Click then login page
Successful scenario	01	Type examiner name
	02	Type examiner email
Failure scenario	01	Wrong type
	02	Do not found page

### 3.2.4 Login for Examiner

Name	Login	
Description	Examiner create account then when he makes the question and upload the question in this system for test. while need to login for system.	
Actors	Examiner	
Triggers	Click the submit login button	
Precondition	01	Must be create account.
	02	login the system
Post conditions	01	Examiner information store in database
	02	Click then make question
Successful scenario	01	Type examiner name
	02	Type examiner email and password
Failure scenario	01	Wrong type
	02	Page not found

### 3.2.5 Make Question of Examiner

Name	Make question
Description	Examiner create account and login then make the question and add the question in this system for test.

Actors	Examiner	
Triggers	Click the question submit button	
Precondition	01	Must be create account.
	02	login the system
Post conditions	01	Question store in database
	02	Click add question
Successful scenario	01	Make a question examiner save database
	02	Properly type question
Failure scenario	01	Wrong type
	02	Page not found

### 3.2.6 Add Question of Examiner

Name	Add question	
Description	Examiner enter the process and add question for student the test. Here examiner type a question then add that for the test of student.	
Actors	examiner	
Triggers	Click Add question submit button	
Precondition	01	Must be create account
	02	Login the system.
Post conditions	01	Question to store database
	02	And click add the question
Successful scenario	01	Add question successful
	02	Properly add to question page
Failure scenario	01	Wrong type
	02	Page error

### 3.2.7 View Question of Student

Name	View question	
Description	Student login the system and student attend for test to view the question page for the test.	
Actors	Student	
Triggers	View question click submit button	
Precondition	01	Student must be register.
	02	Student login the system
Post conditions	01	Student view question
	02	Click then answer question
Successful scenario	01	Student properly view question page
	02	Answer question
Failure scenario	01	View page error
	02	Not found that page

### 3.2.8 Answer Question of Student

Name	Answer question	
Description	Student when a see the view question page then for the test while need to answer the question when need for the page.	
Actors	student	
Triggers	Answer question click submit button	
Precondition	01	Must be register
	02	login the system
Post conditions	01	Answer store in database
	02	Click to show result
Successful scenario	01	Student rightly answer
	02	Answer question
Failure scenario	01	Answer page some error
	02	Not found

### 3.2.9 Show Result of Student

Name	Show result	
Description	Student attend the test and view question then answer the question finish test then he sees the show of your result.	
Actors	Student	
Triggers	Show result submit button click	
Precondition	01	Must be registration and login attend the test.
	02	View the question
	03	Answer the question
Post conditions	01	Answer store database
	02	Click result
Successful scenario	01	Properly show result
Failure scenario	01	Page error
	02	Not found

### 3.2.10 Show Result of Examiner

Name	Show result	
Description	Examiner enter the system and make and add question for test of student and the after test finish then examiner show this result.	
Actors	examiner	
Triggers	Show result submit click button	
Precondition	01	Must be create account.



	02	Login the system
Post conditions	01	Make a question
	02	Add a question
Successful scenario	01	Store database
	02	Click result
Failure scenario	01	Some error
	02	Not found

### 3.3 Activity Diagram

#### 3.3.1 Examiner Create Account

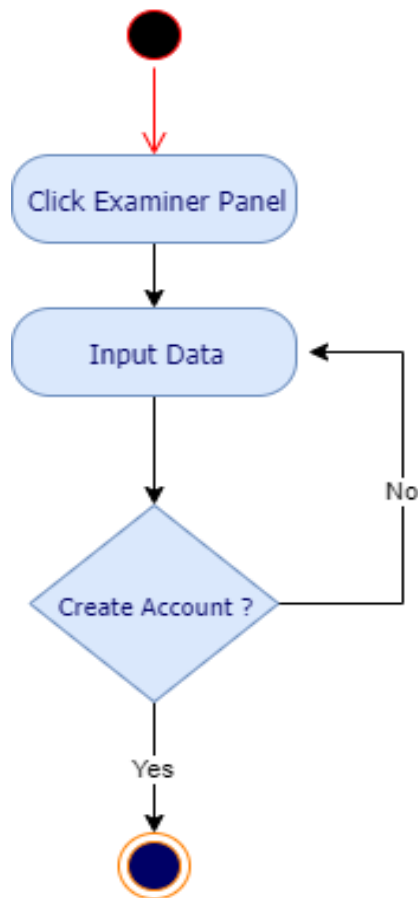


Figure 5 Activity for Examiner Create Account

#### 3.3.2 Examiner Login

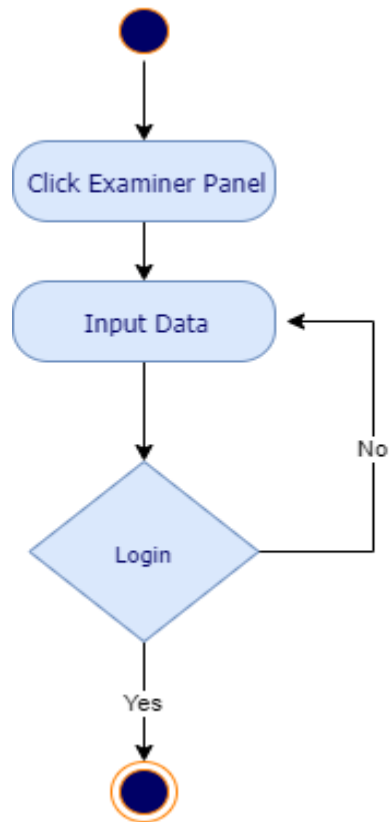


Figure 6 Examiner Login

### 3.3.3 Examiner Make Question

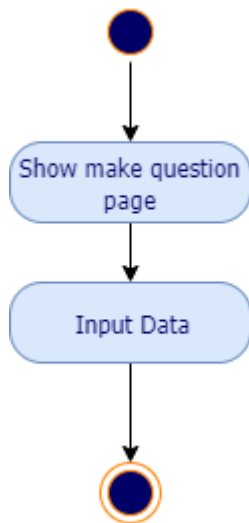


Figure 7 Examiner Make Question

### 3.3.4 Examiner Add Question

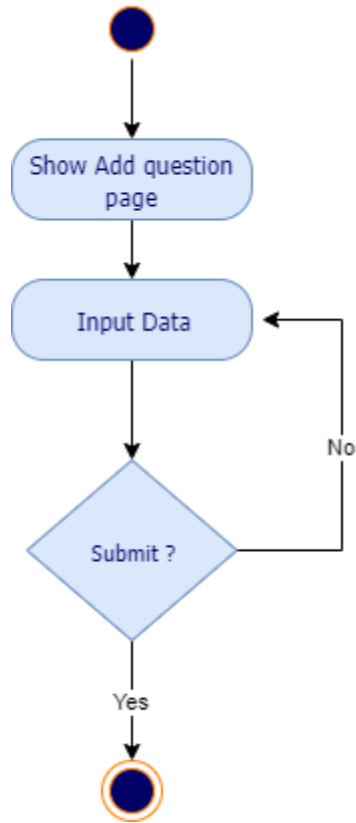


Figure 8 Examiner Add Question

### 3.3.5 Examiner Show Result

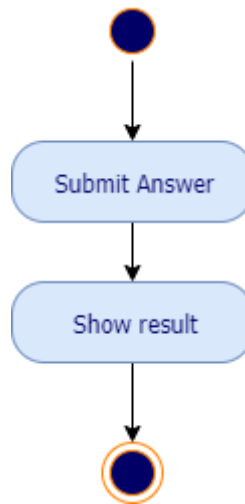


Figure 9 Examiner Show Result

### 3.3.6 Student Registration

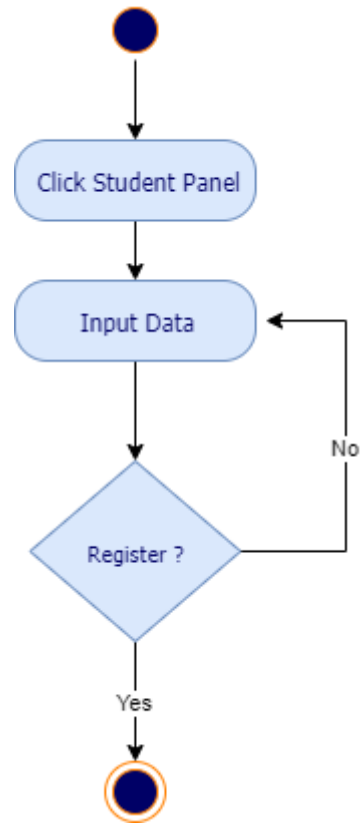


Figure 10 Student Registration

### 3.3.7 Student Login

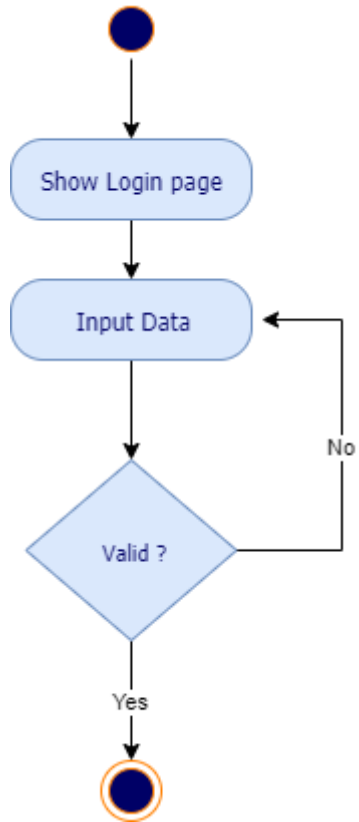


Figure 11 Login of student

### 3.3.7 Student View Question

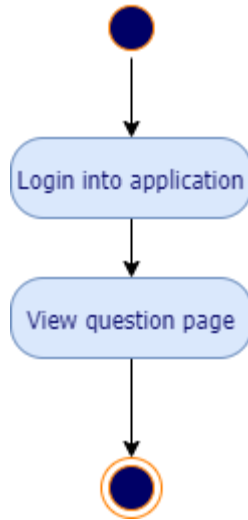


Figure 12 Student View question

### 3.3.8 Student Answer Question

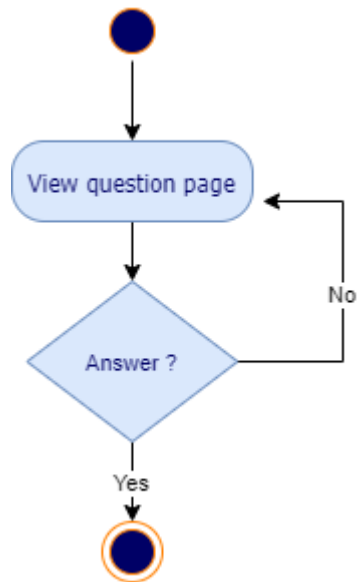


Figure 13 Student Answer question

### 3.3.9 Student View Result

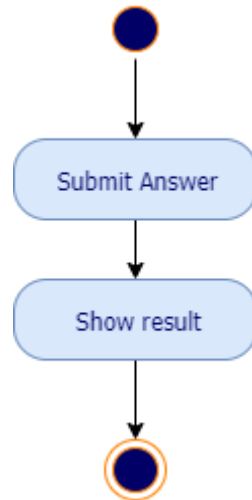


Figure 14 Student View Result

### 3.4 Data flow diagram

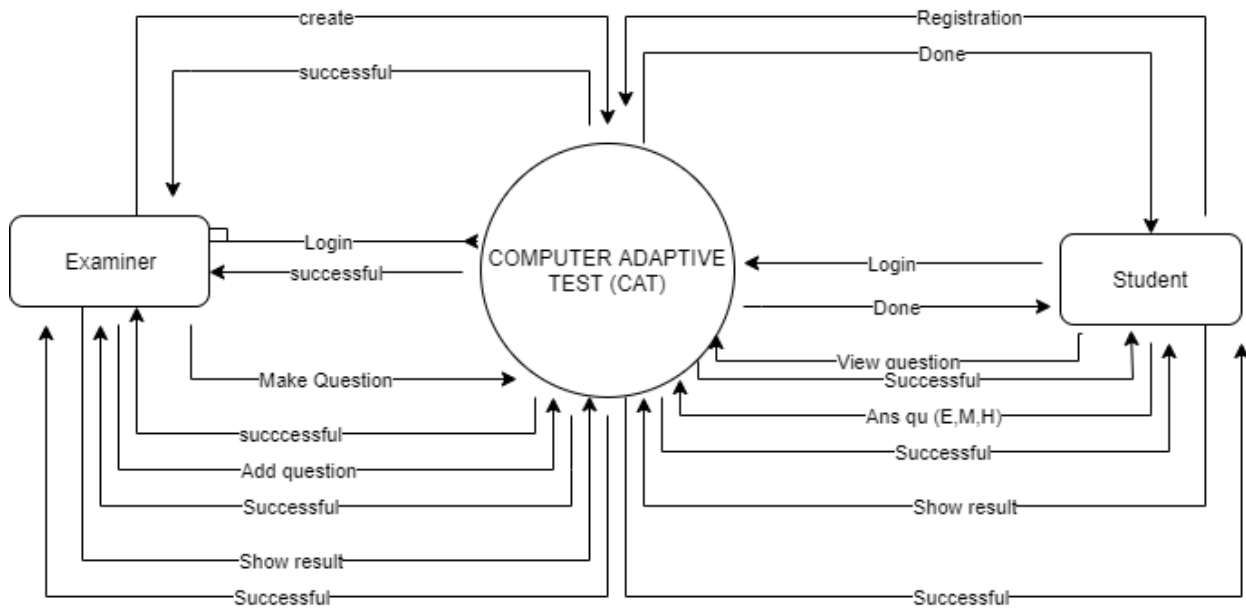


Figure 15 Data flow Diagram



## Chapter 4

### System Design Specification

#### 4.1 Sequence Diagram

A sequence diagram shows object cooperation orchestrated in time arrangement. It work to serially work to process examiner and student performance and follow to the item and classes associated this the online examination system.

##### 4.1.1 Student Registration

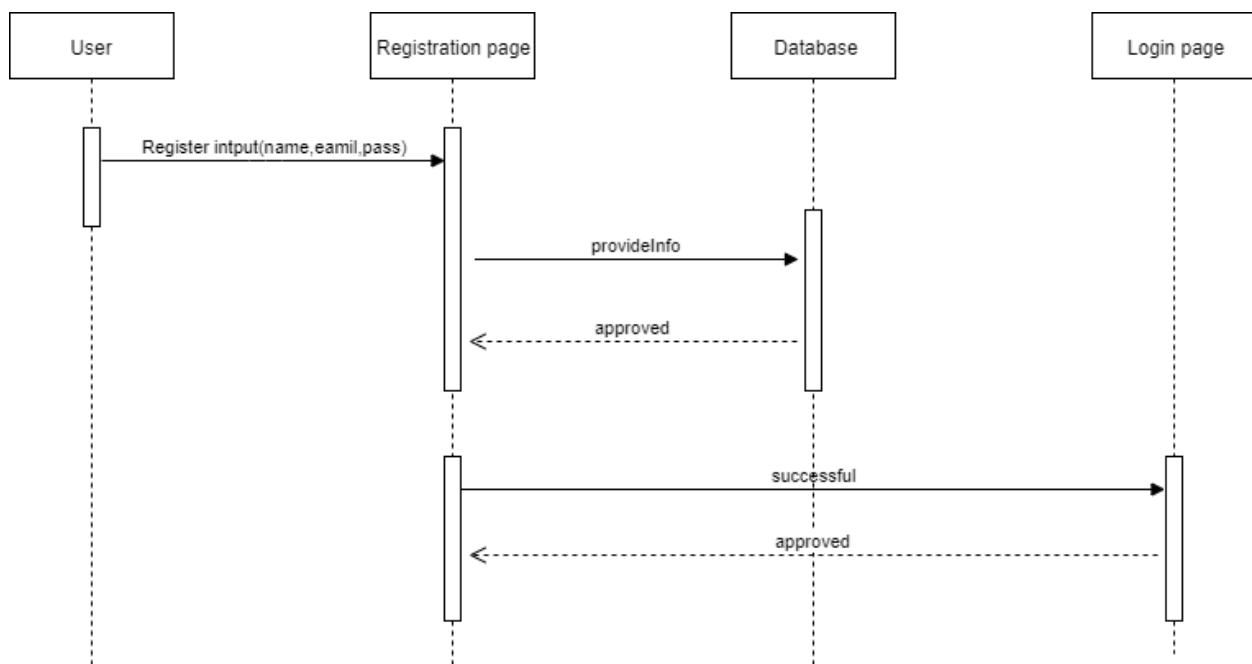


Figure 16 Student Registration

##### 4.1.2 Student Login

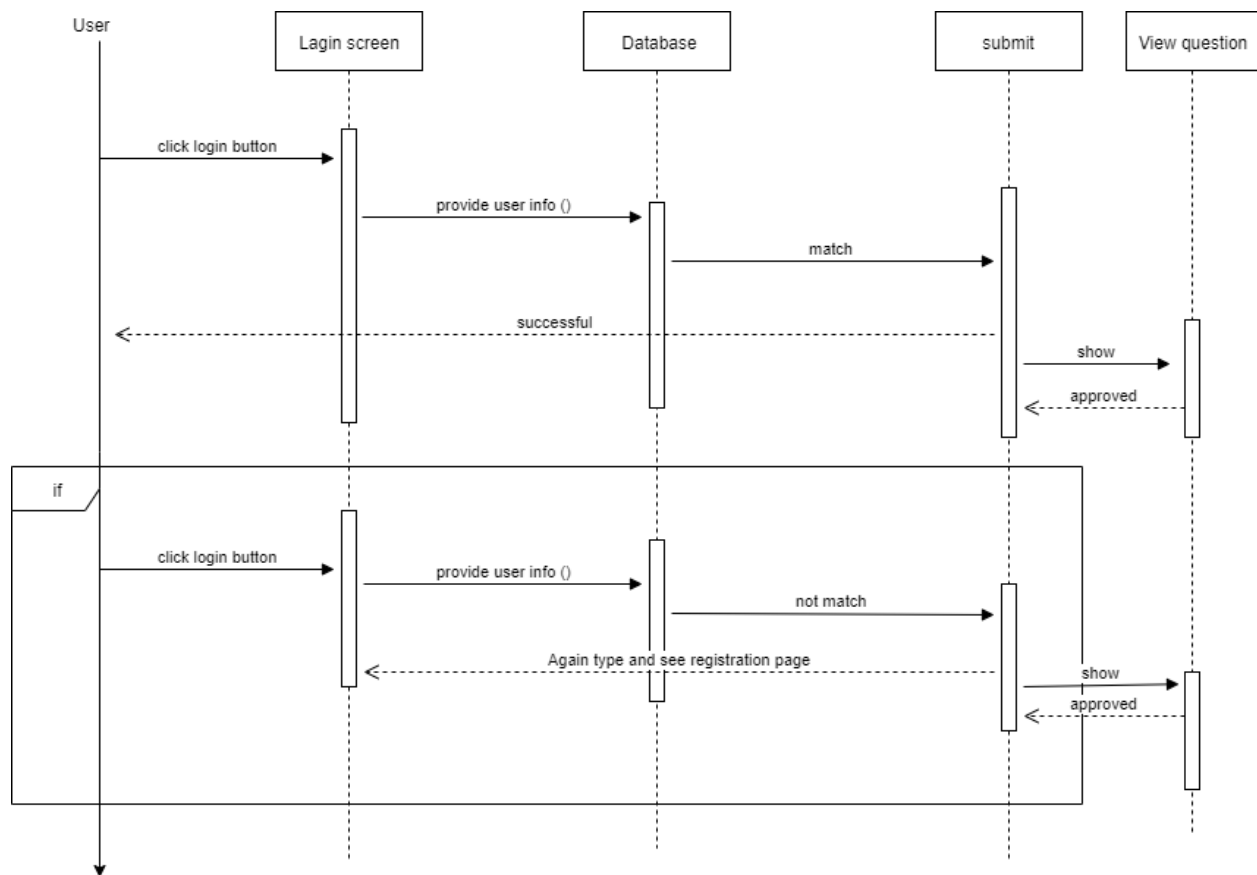


Figure 17 Student Login

#### 4.1.3 View Question of Student

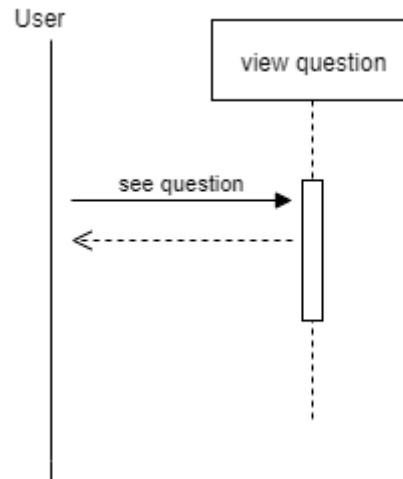


Figure 18 View Question Student

#### 4.1.4 Answer Question of Student

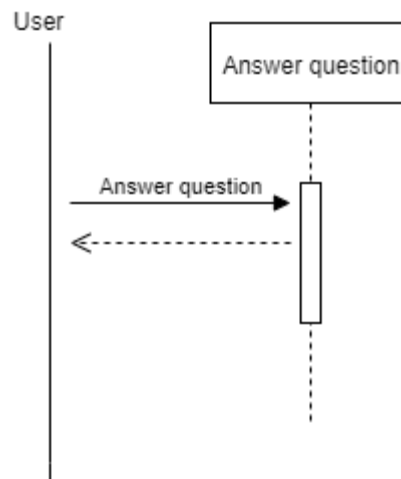


Figure 19 Answer Question Student

#### 4.1.5 Show Result of Student

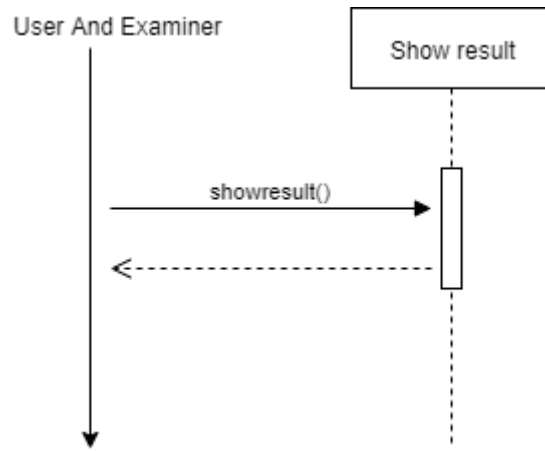


Figure 20 Show Result of Student

#### 4.1.6 Examiner Create Account

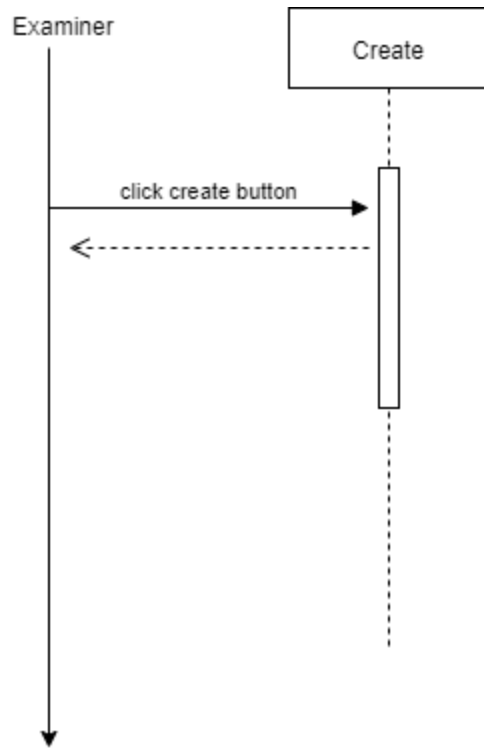


Figure 21 Examiner Create Account

#### 4.1.7 Examiner Login

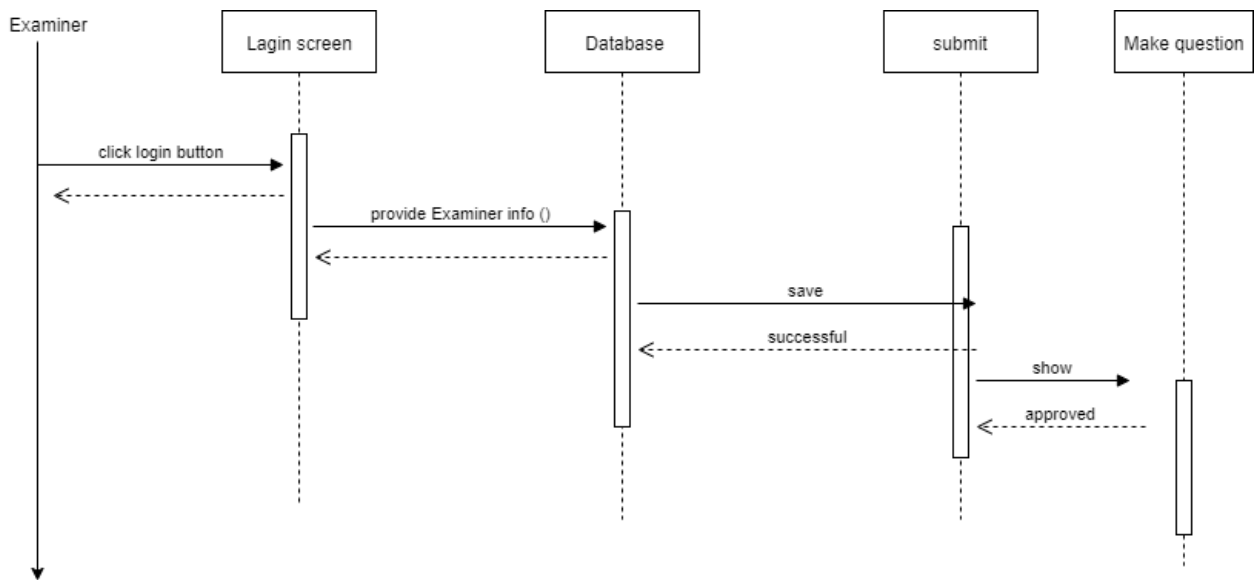


Figure 22 Examiner Login

#### 4.1.8 Make Question of Examiner

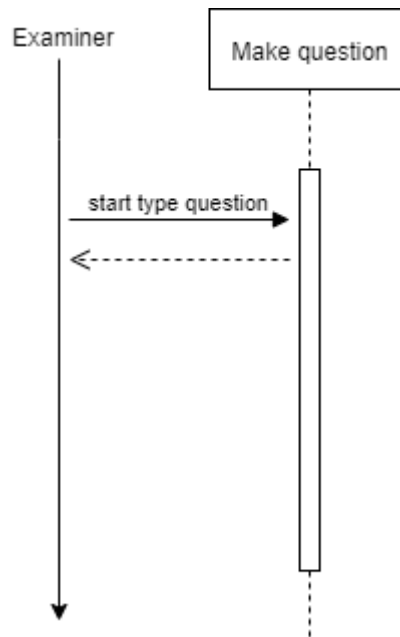


Figure 23 Make Question

#### 4.1.9 Add Question of Examiner

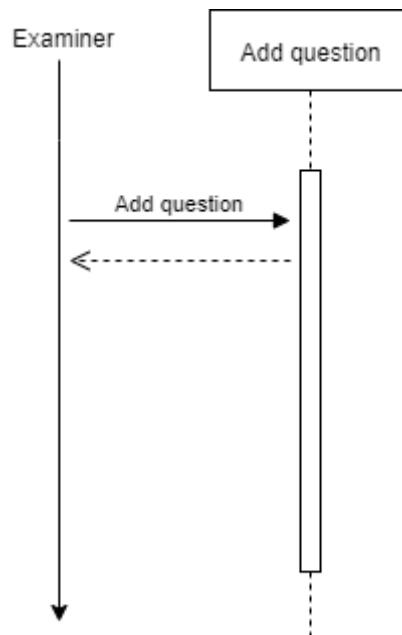


Figure 24 Add Question

#### 4.1.10 Show Result Examiner

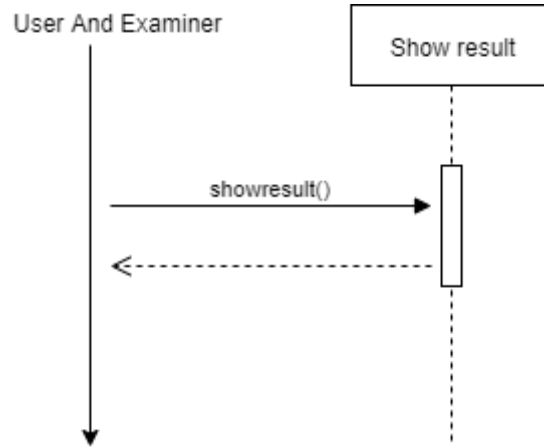


Figure 25 Show Result of Examiner

## 4.2 Database Design Diagram

### 4.2.1 Entity Relationship Diagram (ERD)

An entity relationship diagram (ERD), likewise called as a substance relationship model. It is follow the how to make design database and who the user for the online examination system and store the data to database.

Examiner	
PK	<u>id</u>
	<i>Email</i>
	Password

Registration	
PK	<u>Regis_id</u>
	<i>Name</i>
	Email
	Password

AddQuestion	
PK	<u>id</u>
	<i>question</i>
	option1
	option2
	option3
	option4
	answer

Figure 26 Database Design Diagram

### 4.3 Class Diagram



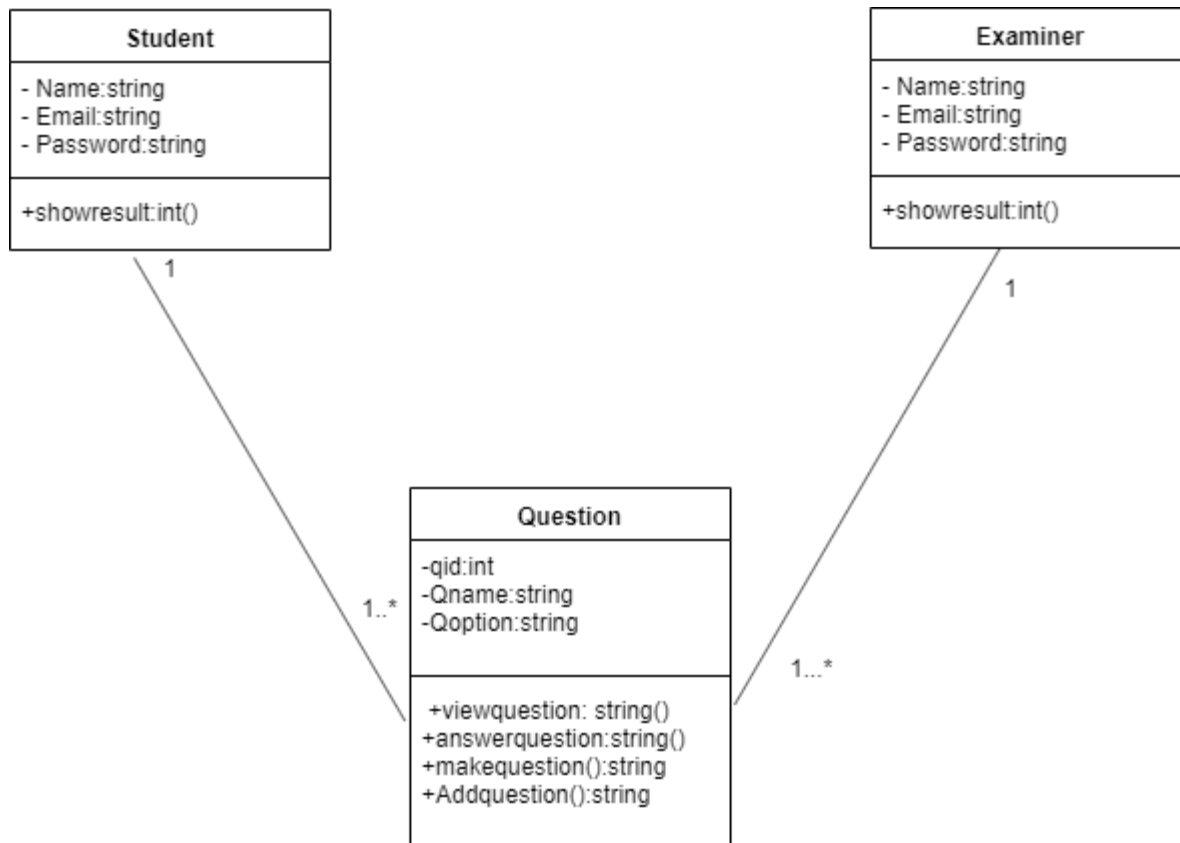


Figure 27 Class Diagram

## 4.3 Development Tools & Technology

### 4.3.1. Framework

#### ASP.NET Framework

### 4.3.2 Implement tool and platform

#### 4.3.2.1 Language

- C#
- Microsoft visual Studio 2019

#### 4.3.2.2 MSSQL Server

Use MSSQL server database in this project

# Chapter 5

## System Testing

### 5.1 Testing Features

#### 5.1.1 Features to be Tested

- Login form examiner
- Registration form for Student
- Login form Student
- Add question

#### 5.1.2 Features not to be Tested

- Create form for examine
- Show result
- View & answer question
- Make question

### 5.2 Testing Strategies

#### 5.2.1 Test Approach

- Test type
- Test level

#### 5.2.2 Pass or fall Criteria

Pass /fall criteria used to is fixed the criteria. Is it the pass or fall after that testing you will understand the criteria.

- Search of option
- Input type
- Add something

#### 5.2.3 Suspension & Resumption

##### 5.2.3.1 Suspension

When you any part used to for tenting suddenly stop of your testing part that is suspension like this in this online examination system

- Login the system
- Add any others

### 5.2.3.2 Resumption

When stop the testing after sometime begin start that part again such as in this online examination system

- Login the system
- Add any others

### 5.3 Testing Environment (Software/hardware Requirement)

- Maintain to server database of system data
- The system connects to internet
- Data has been tested
- Network area of the system
- Hardware work to process

### 5.4 Test Cases

#### 5.4.1 Test case for Login form examiner

Test case Id	Test scenario	Test steps	Test data	Expected results	Actual result	Pass/fall
TU 01	Check login with valid data	1.enter email 2.enter password 3.click login	Name Md asd Email asd@gmamil.com Password *****	Examiner login	As expected	pass
TU 02	Check login with valid data	1.enter email 2.enter password 3.click login	Name md assd Email assd@gmamil.com Password *****	Examiner do not login	As expected	pass

#### 5.4.2 Registration form for Student

Test case Id	Test scenario	Test steps	Test data	Expected results	Actual result	Pass/fail
TU 01	Check Registration with valid data	1.enter Name 2.enter email 2.enter password 3.click Register button	Name md asad Email asad@gmamil.com Password *****	Student register	As expected	pass
TU 02	Check Registration with valid data	1.enter name 2.enter email 2.enter password 3.click Register button	Name Md asad Email assd@gmamil.com Password *****	Student do not register	As expected	pass

#### 5.4.3 Test Case for Login form Student

Test case Id	Test scenario	Test steps	Test data	Expected results	Actual result	Pass/fall
TU 01	Check login with valid data	1.enter email 2.enter password 3.click login	Name Md assad Email assad@gmamil.com Password *****	Examiner login	As expected	pass
TU 02	Check login with valid data	1.enter email 2.enter password 3.click login	Name Md aassad Email aassad@gmamil.com Password *****	Examiner do not login	As expected	pass

#### 5.4.4 Test Case for Add Question form Examiner

Test case Id	Test scenario	Test steps	Test data	Expected results	Actual result	Pass/fall
TU 01	Check add question with valid data	1.enter add question 2.click Add question	What is your name? kamal	Add question	As expected	pass
TU 02	Check add question with valid data	1.enter add question 2.click add question	What is your name? kamala	Add not question	As expected	pass

# Chapter 6

## User Manual

### 6.1 Home page

Examiner and student enter the system then see the home page of system



## 6.2 Examiner Create Account Panel

when examiner enter the system then click the create a new account for new examiner then click create button.

### Add Examiner

Email

Password

## 6.3 Examiner login Panel

When create an account then enter the system while login the system clicks the login button

## Examiner Panel

Email

nahi@gmail.com

Password

•••

Submit

[create](#)

### 6.4 Student Registration Panel System

Student enter the system then must be register the system.



## Registraion

Name

fahim

mail

fahim@gmail.com

Password

•••

Confirm Passwords

•••

Submit

### 6.5 Student Login Panel

Student login the system then login button click then login the system.

# Login

Email

fahim@gmail.com

Password

•••

Submit

## 6.6 Students view and Answer Question

Student login the system then submit the button then see view and answer question.

# Question Page

**Question 1**

what is your name?

1.asad

2.asdul

3.sadat

4.asif

## 6.7 Examiner Make & Add Question Panel

Examiner create account and login the system then submit button click then he starts make and add question.

## Add question

**You can add only 10 question**

Question:

1.
2.
3.
4.

### 6.8 Show Result Examiner and Student

When finish the exam then show result the result and see the examiner result.

## Marks Page

**Your exam is finished**

**Total question :**

10

**Correct answer :**

50

## Chapter 7

### Project Summary

#### 7.1 Limitations

- This system has only few functionalities for network.
- Sometimes the system needs high speed data connection.

#### 7.2 Obstacle & Achievement

##### Obstacle

- Learning new technology & environment
- Limitation Time
- Learnt new technology
- Successfully build a project for productive level

#### 7.4 Conclusion

In our country in any institution/exam can easily use it for online exam test. That's why within a short time in test with result possible in this online examination system.

# References

<https://w3schools.com>

1. Module Diagram

<https://www.draw.io>

2. Coding Source

3. Youtube.com

3. Google.com

5. System Sequence Diagram

<https://stackoverflow.com>

6. Documents

<https://docs.google.com>