STAFFORDSHIRE UNIVERSITY

INDIVIDUAL ASSIGNMENT

LANKA

COMP40004

SDAM II

CF2261COM

CB010735

Declaration

I certify that the content in this assignment is entirely my own work, with the exception of any places where I have given fully cited references to the work of others, and that it has never before been submitted for evaluation in any official course of study.

Acknowledgement

I needed the assistance and direction of a few persons in order to complete my project; they have my sincere gratitude. I want to express my gratitude to my course lecturer, Ms. Anutthara Senanayake, for providing me with clear instructions for the assignment because finishing it provided me a lot of pleasure.

I would also like to express my gratitude to my family and my classmates, whose insightful comments and ideas on my work motivated me to enhance the assignment's quality.

Table of Content

1. UML Use case Diagram

2. UML Class Diagram

3. UML Sequence Diagrams

4. UML Activity Diagram

5. Application Screenshots

5.1. Candidate Portal

5.2. Lecturer Portal

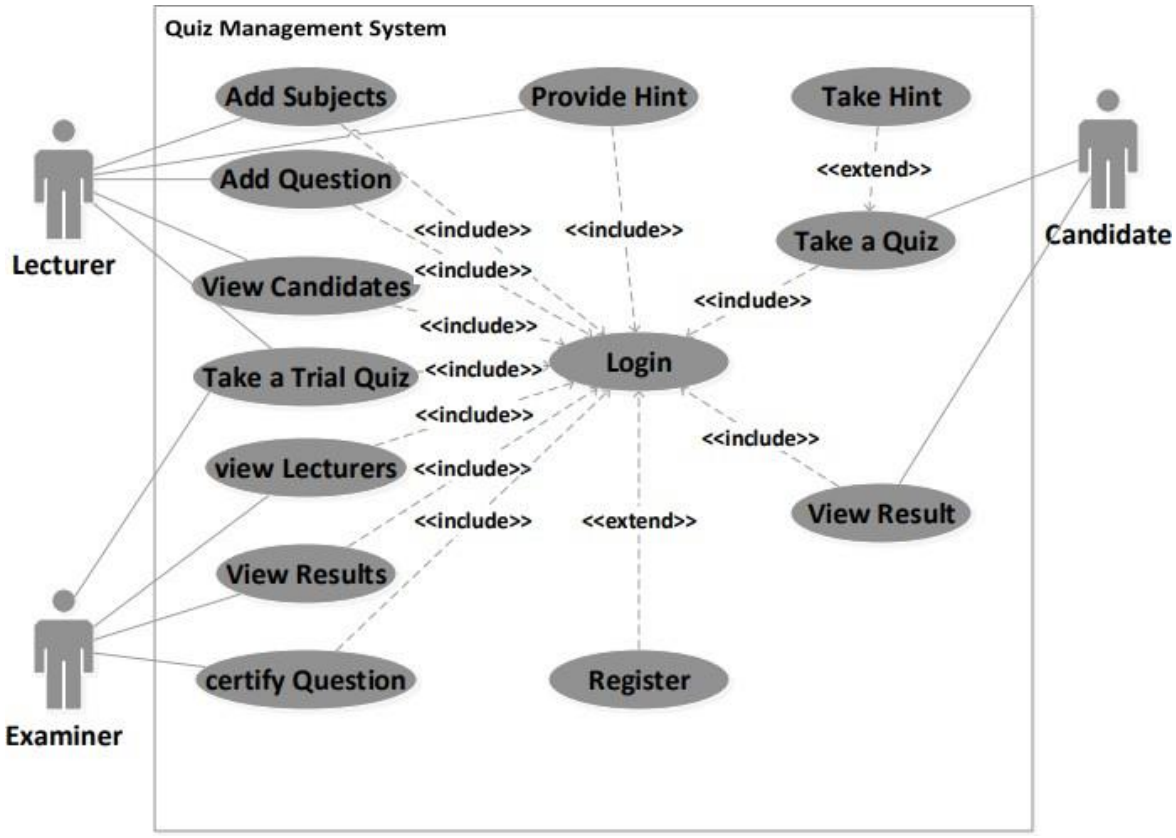
5.3. Examiner Portal

6. Reference

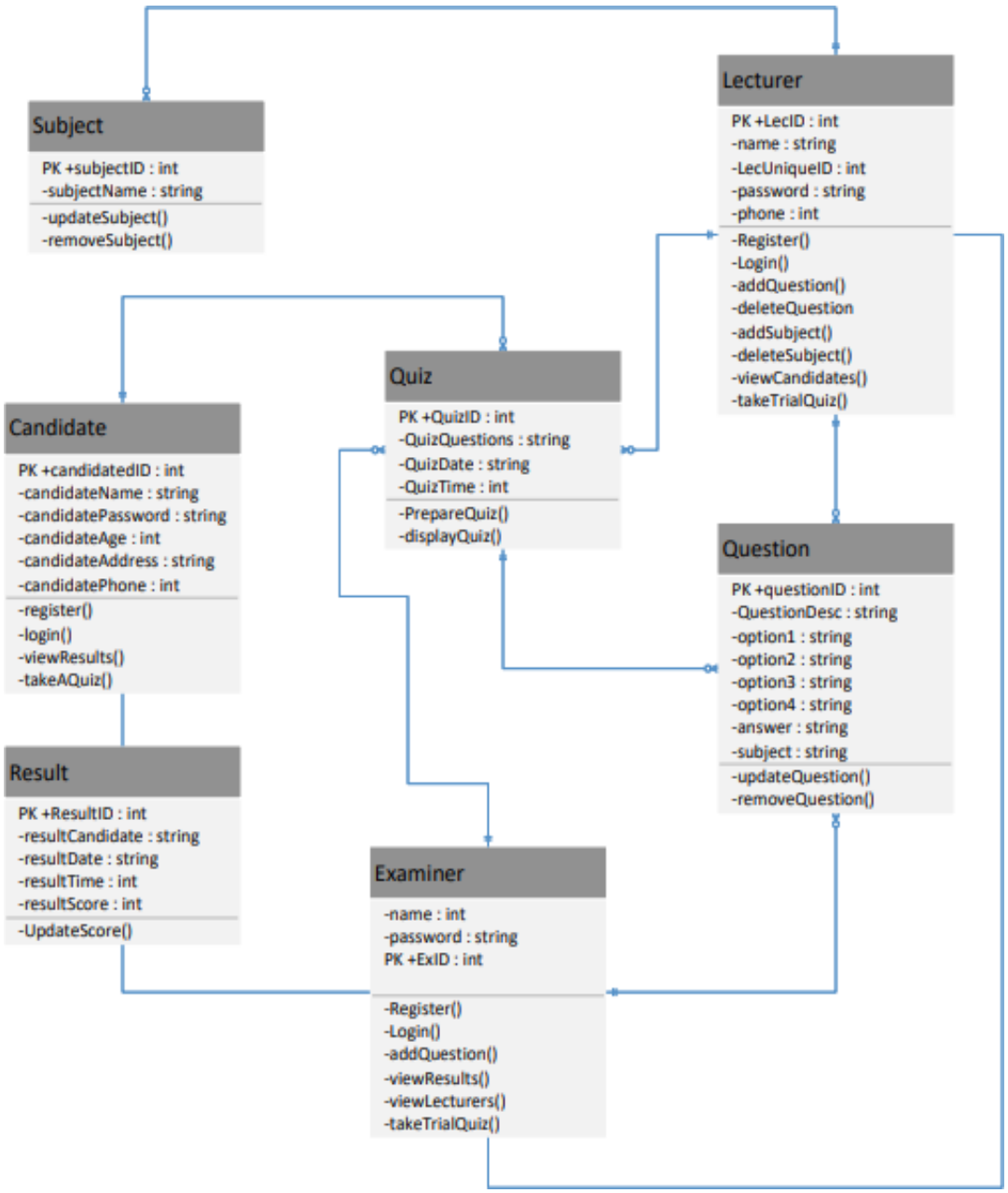
7. Conclusion

Work

1. UML Use case Diagram

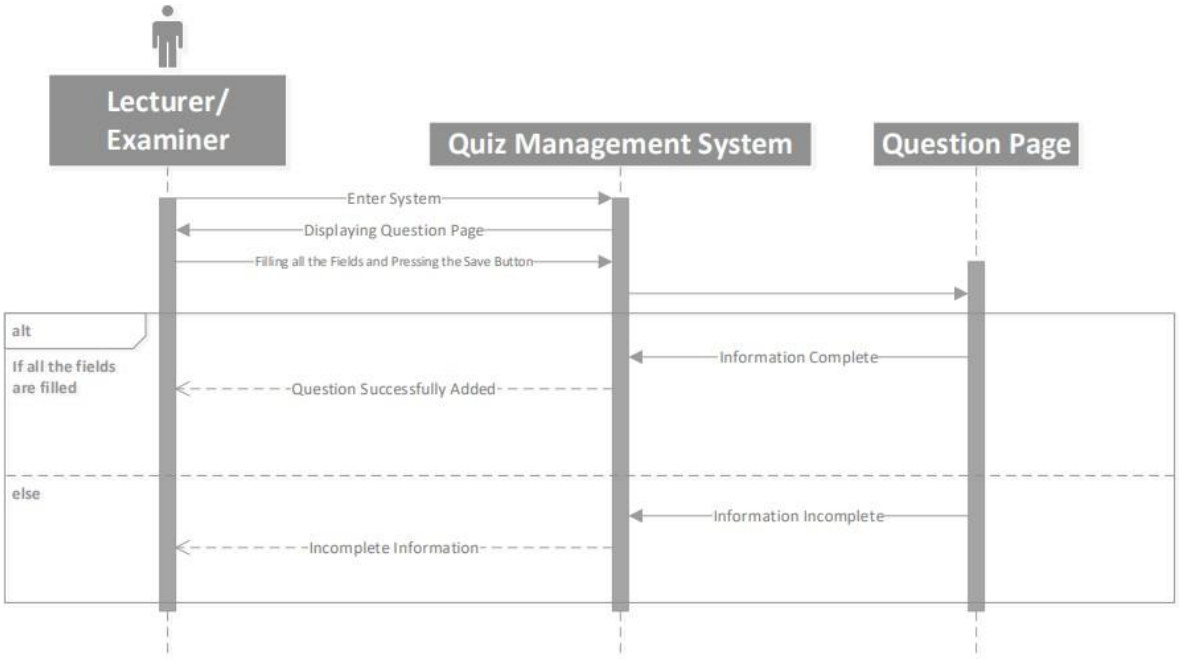


2. UML Class Diagram



3. UML Sequence Diagram

3.1. Add Question



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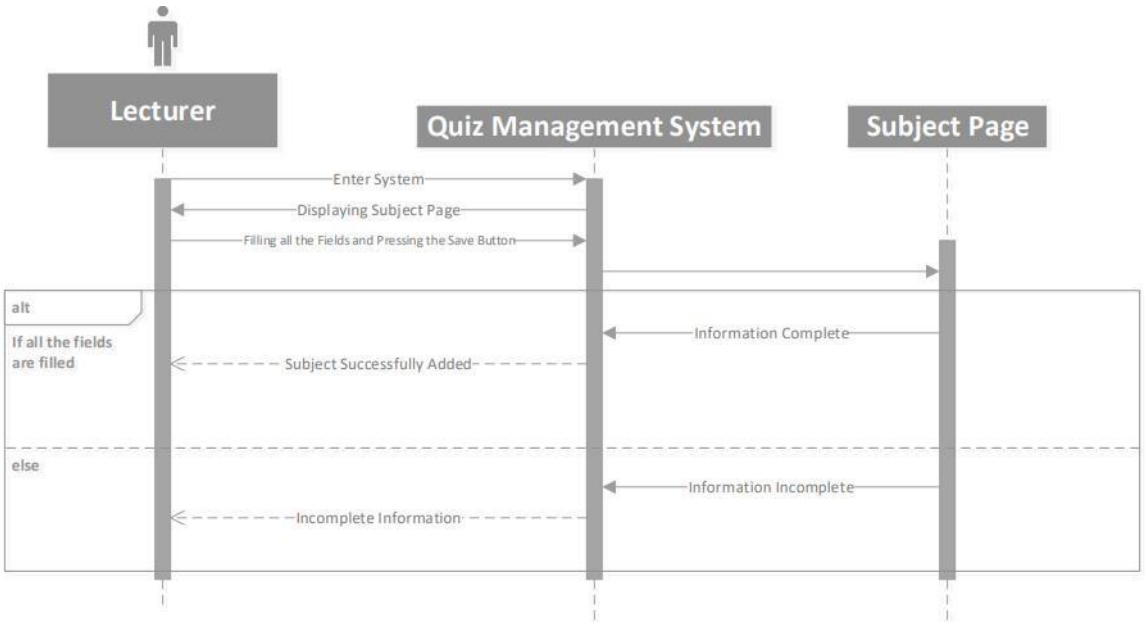

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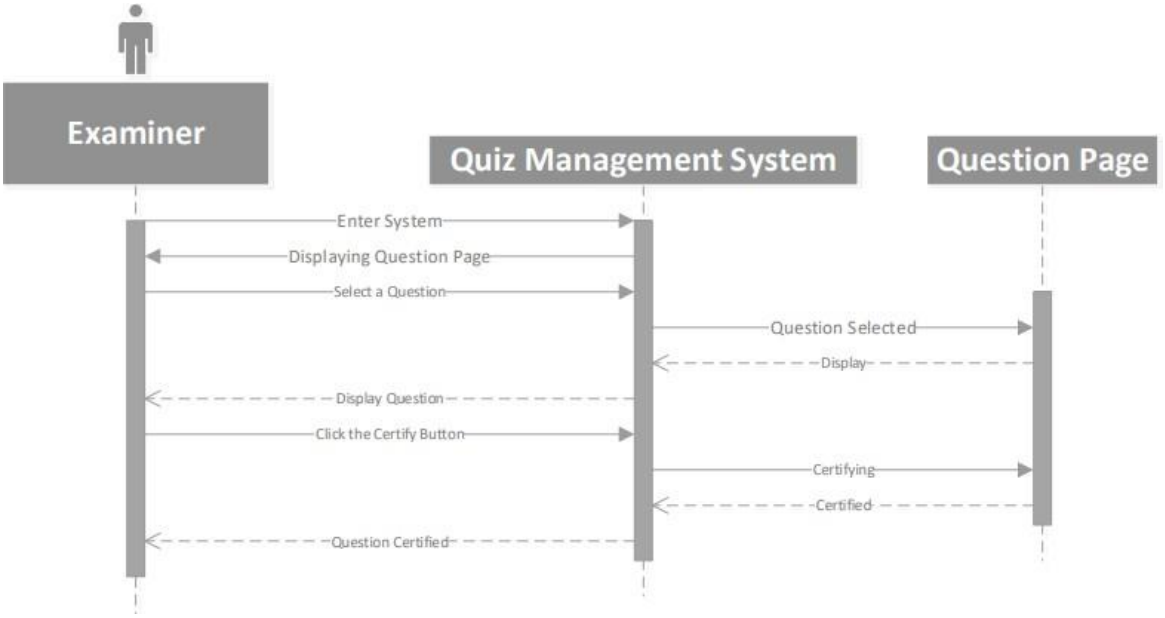

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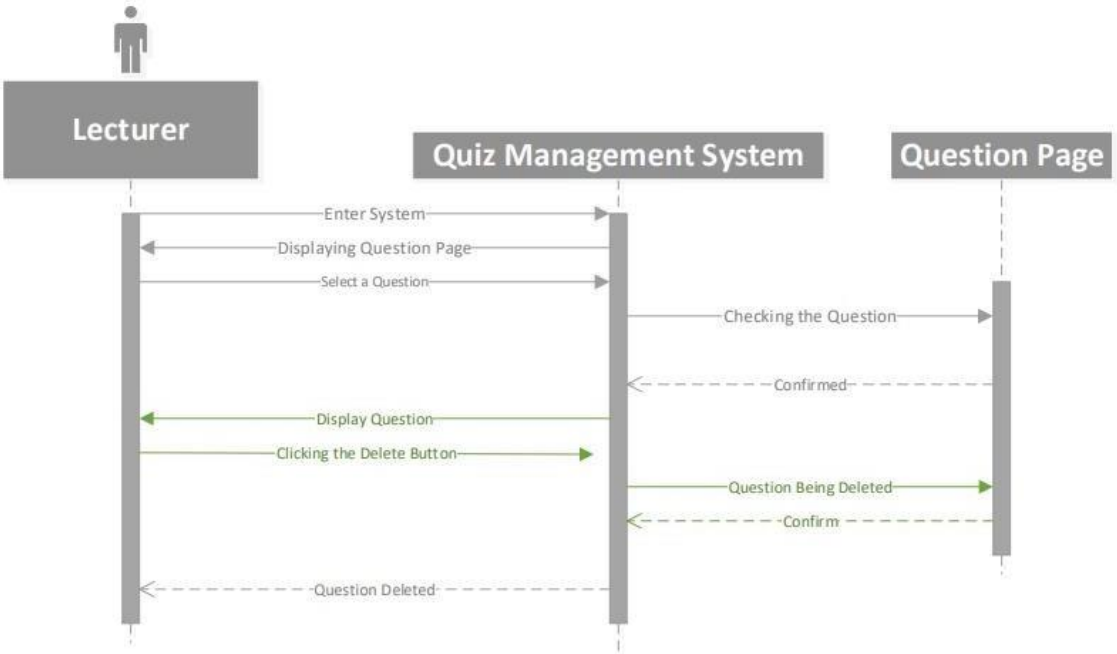

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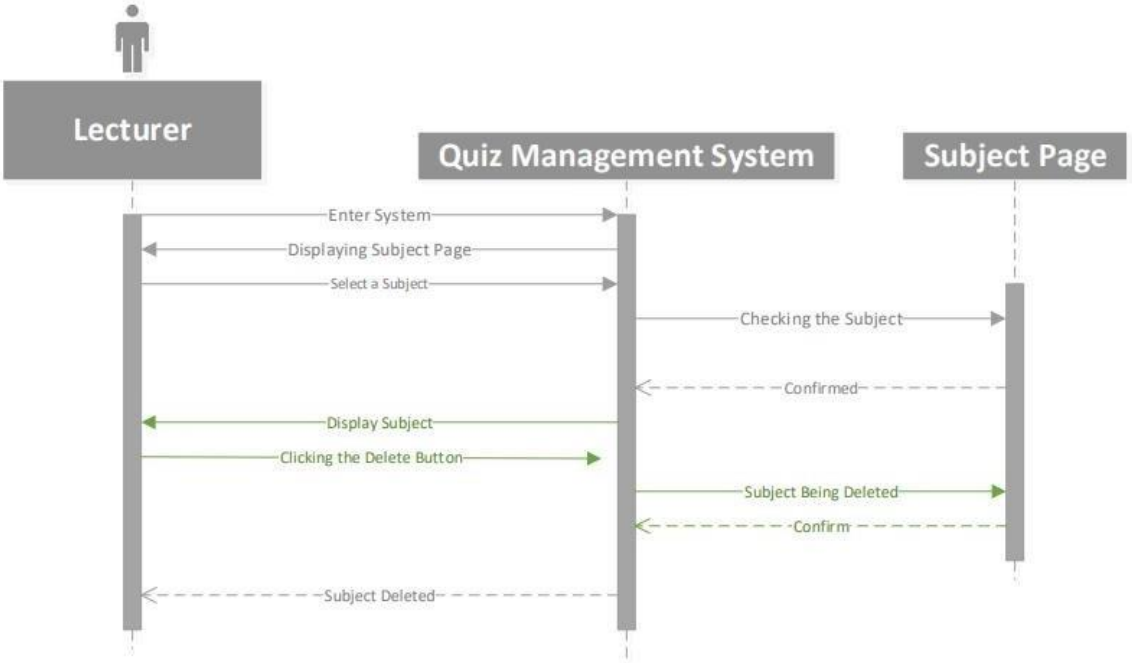

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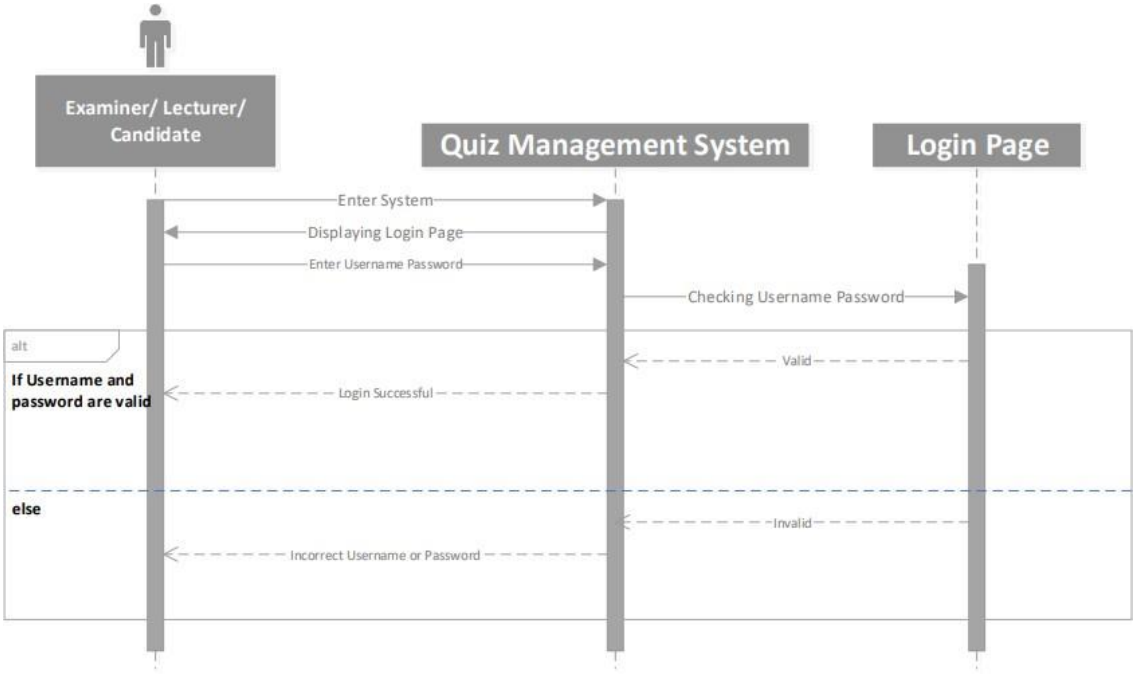

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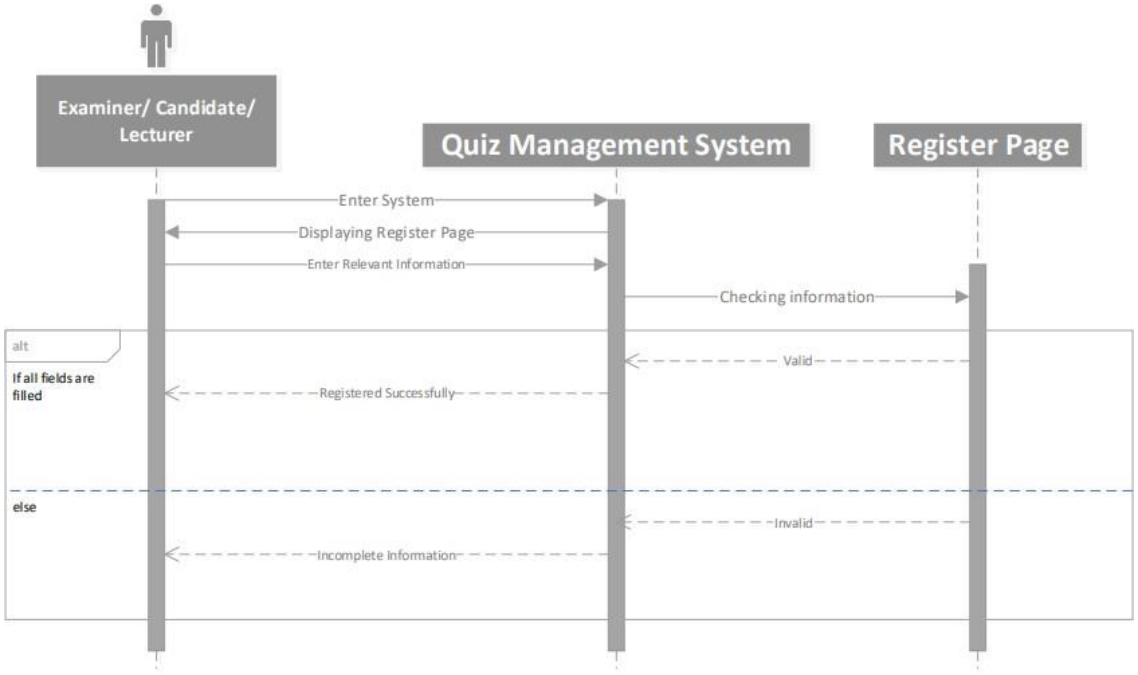
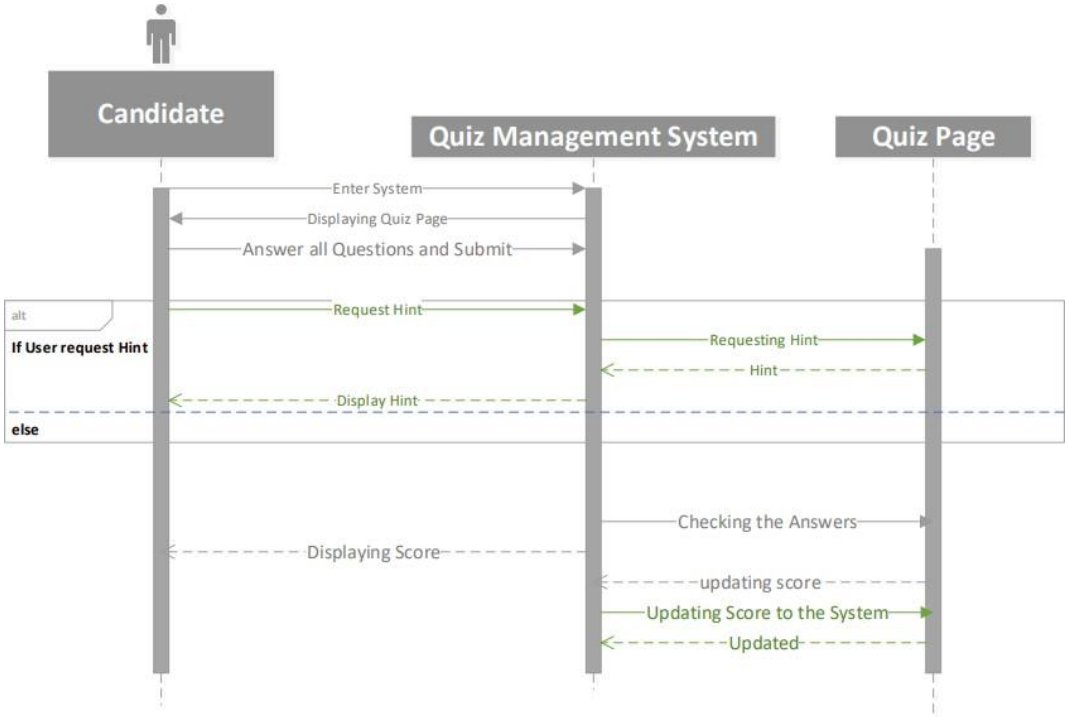


3.8. Take a Quiz



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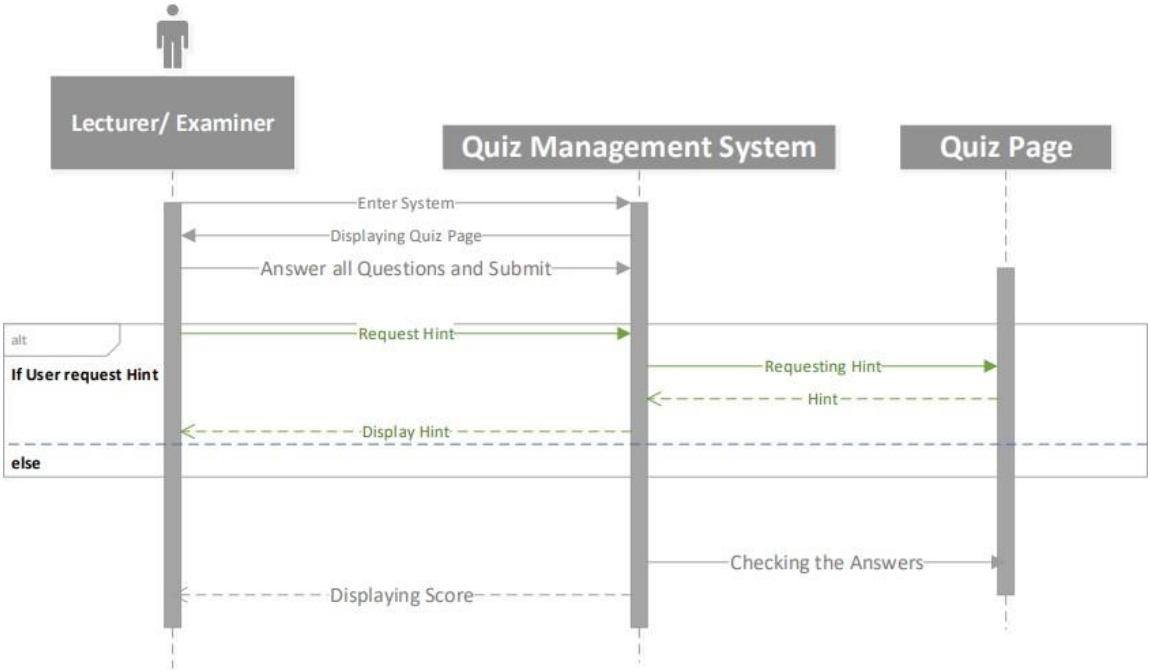

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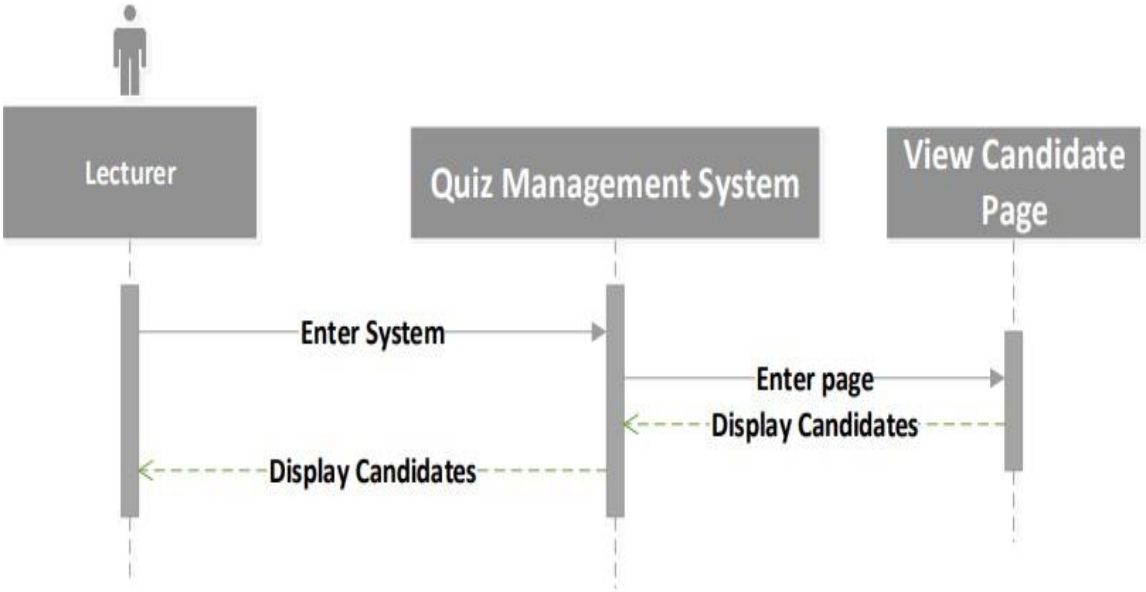

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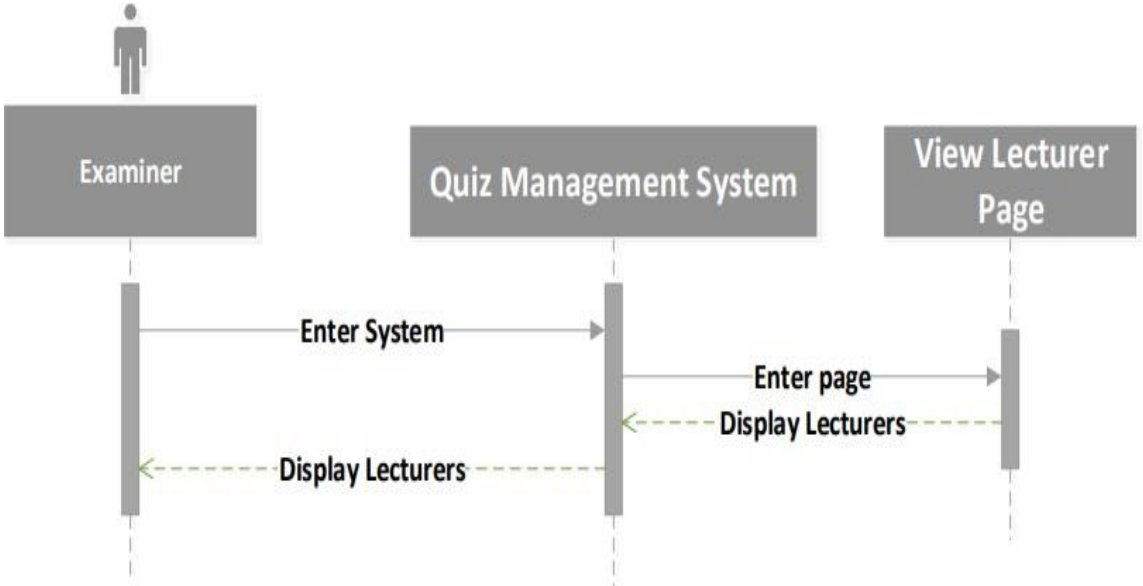

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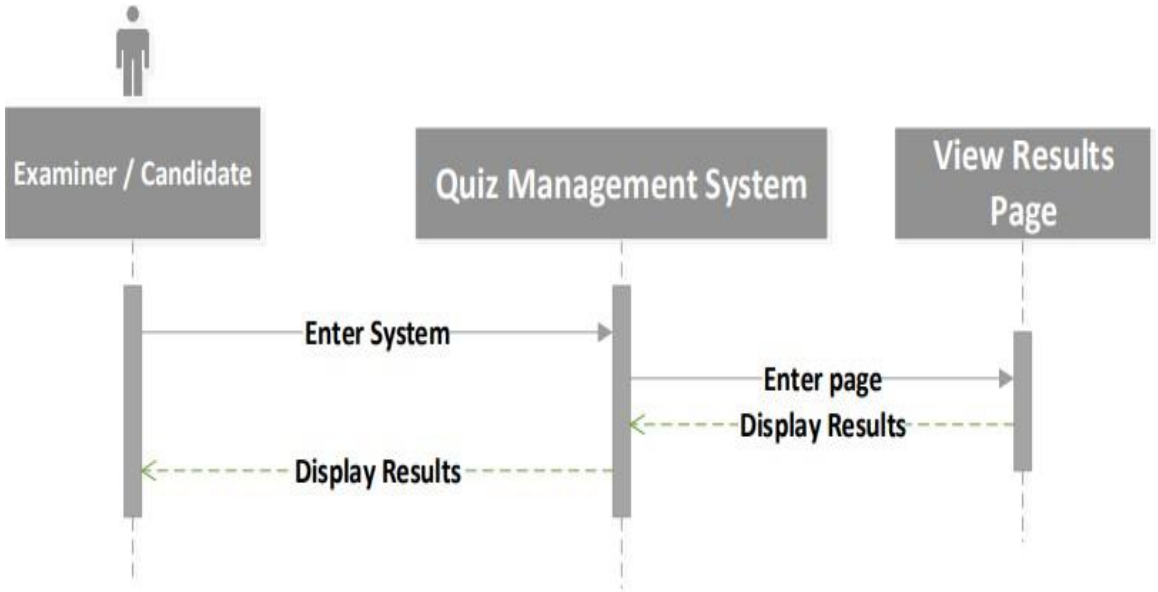
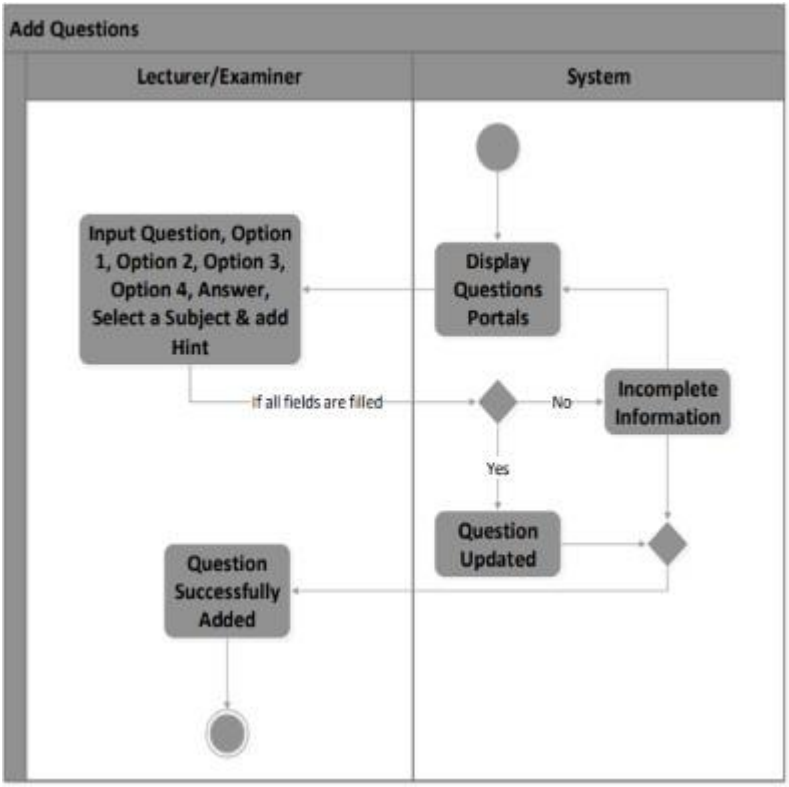


4. UML Activity Diagram

4.1. Add Question



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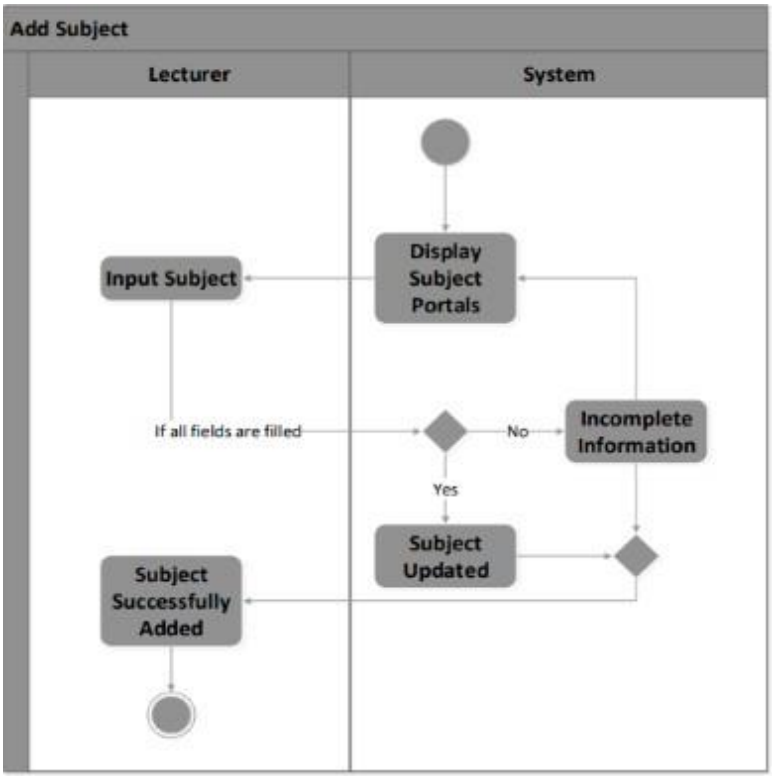

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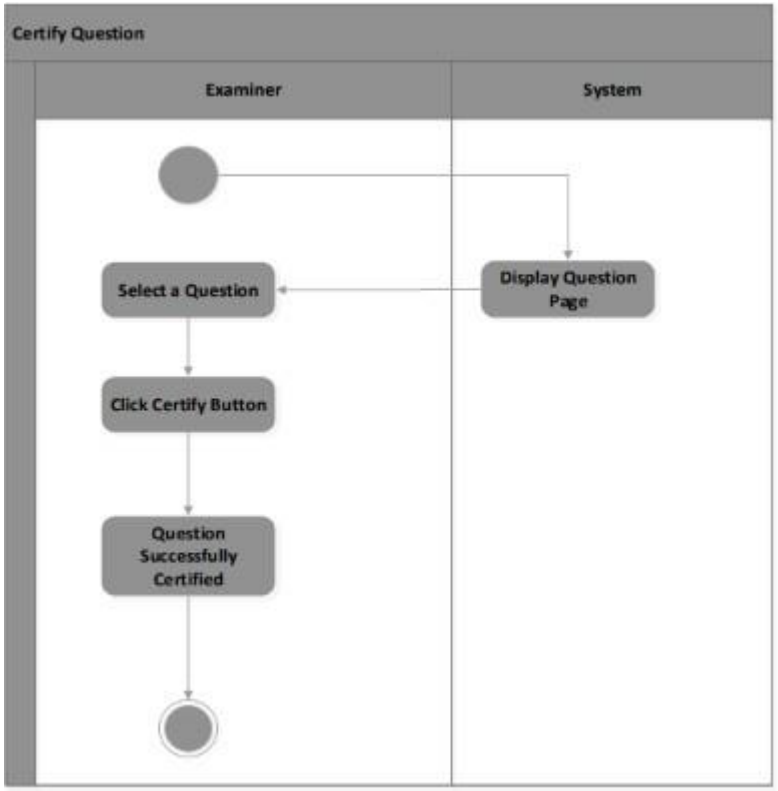

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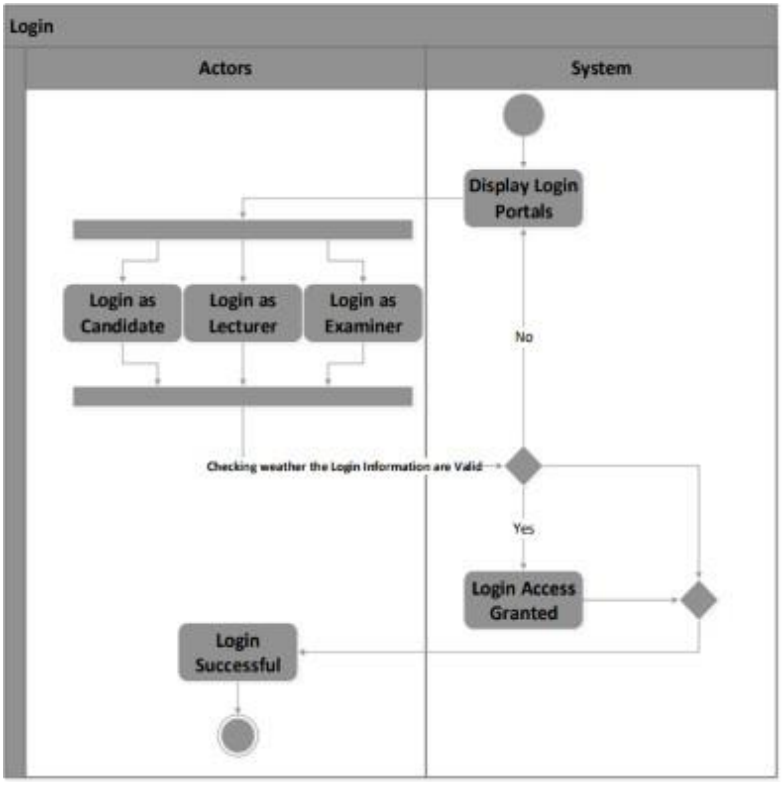

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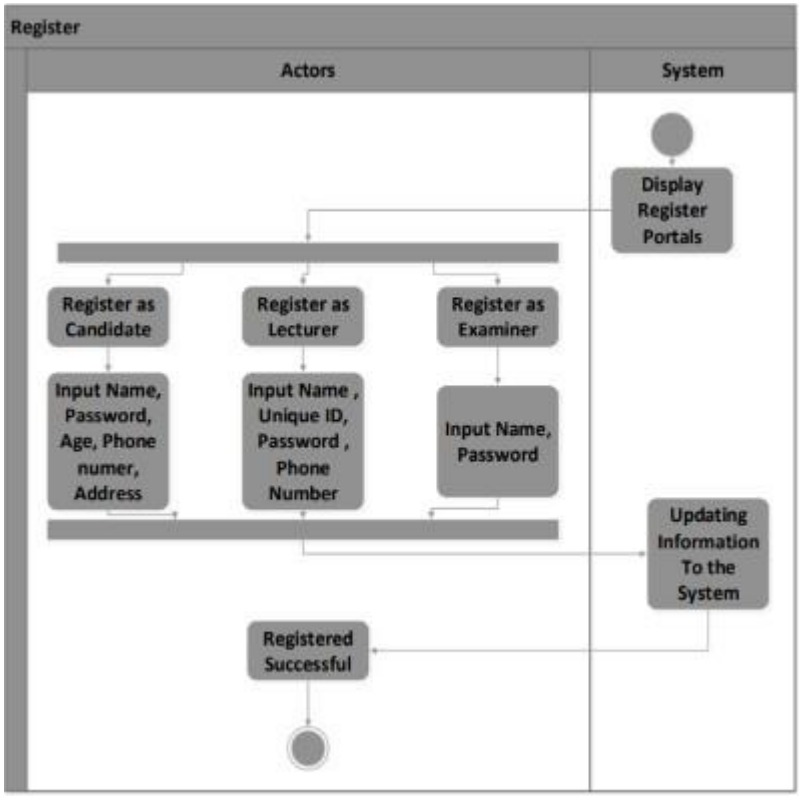

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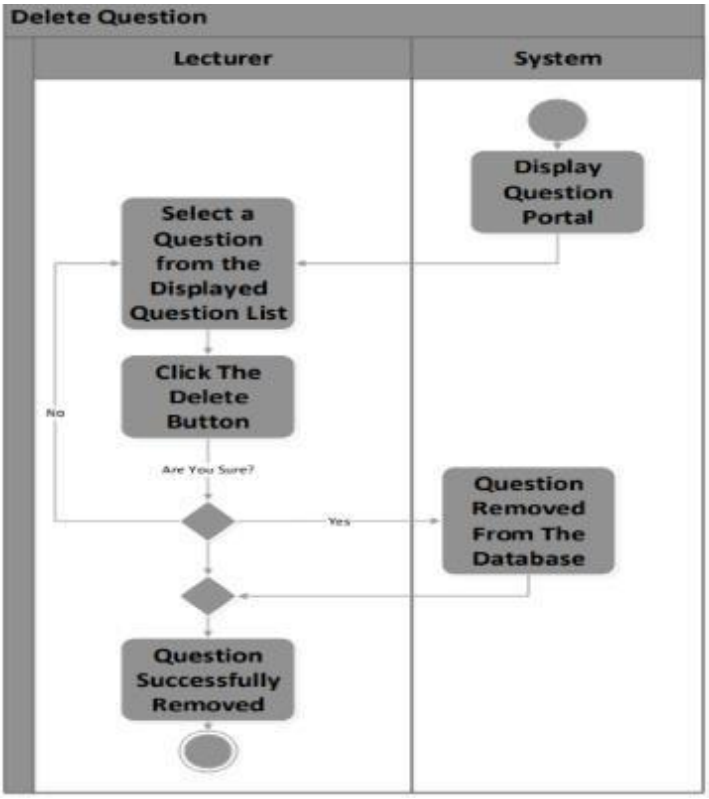

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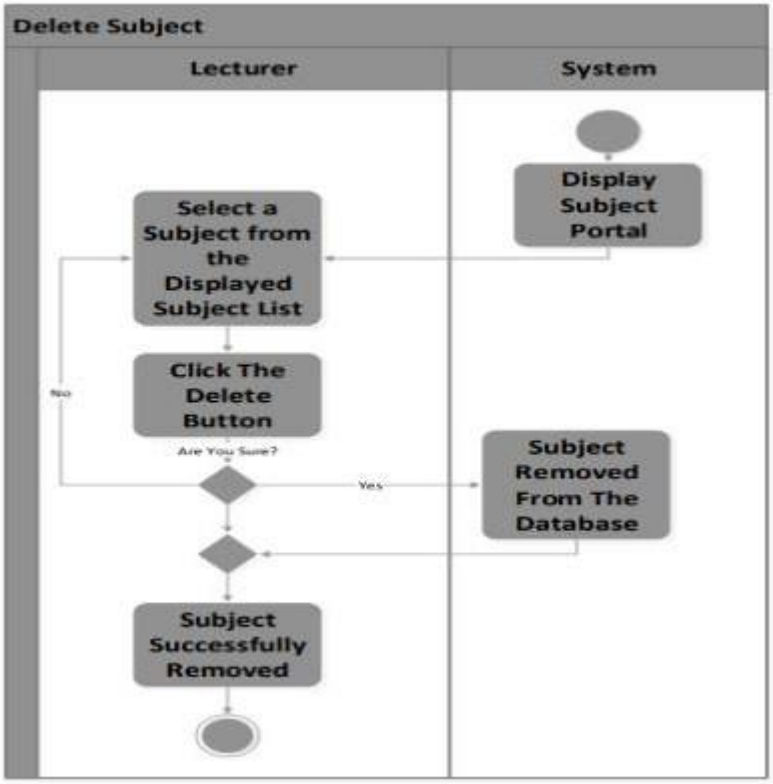

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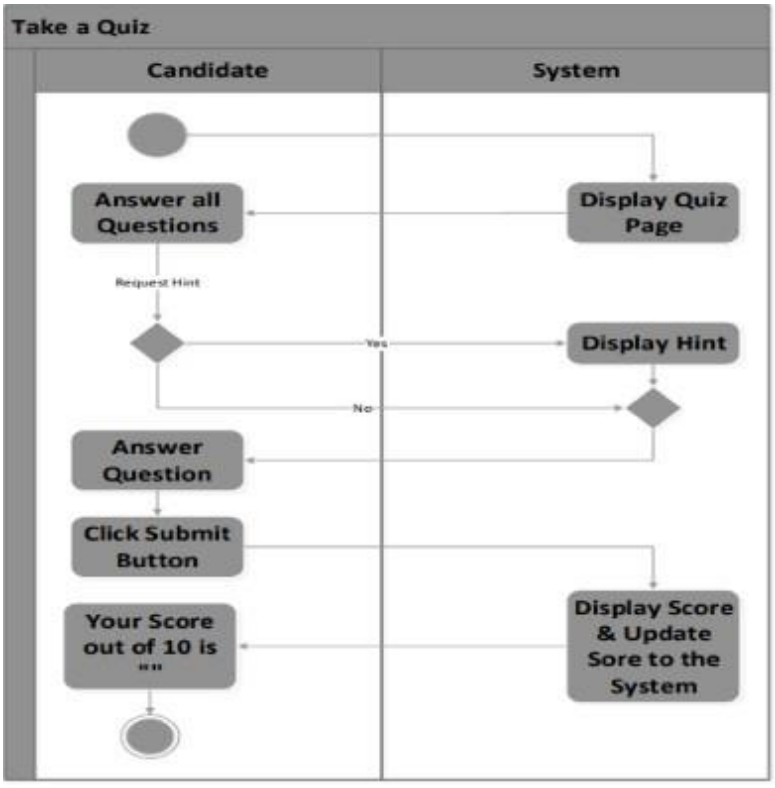
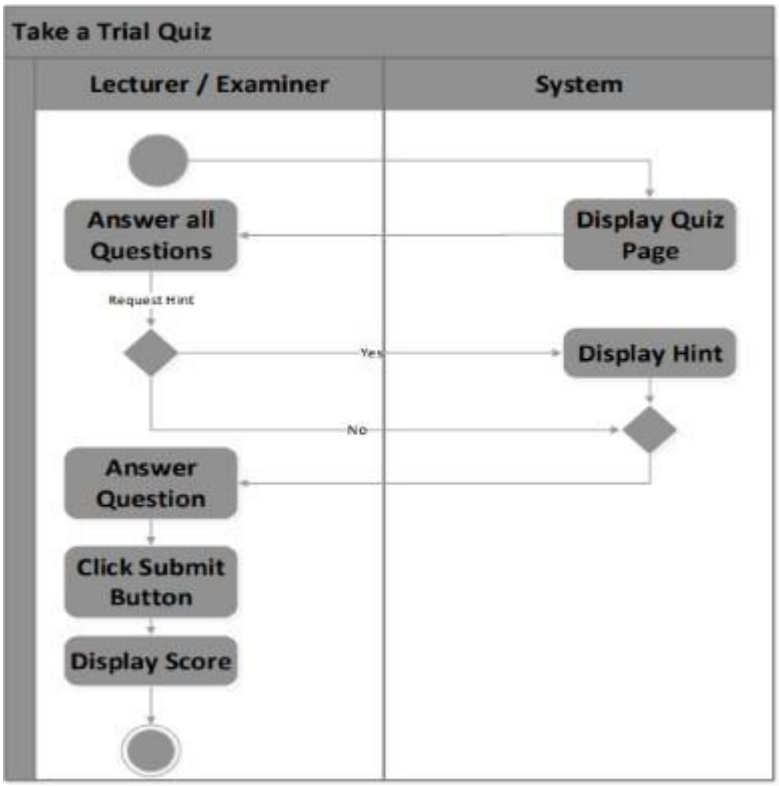


4.9. Take a Trial Quiz



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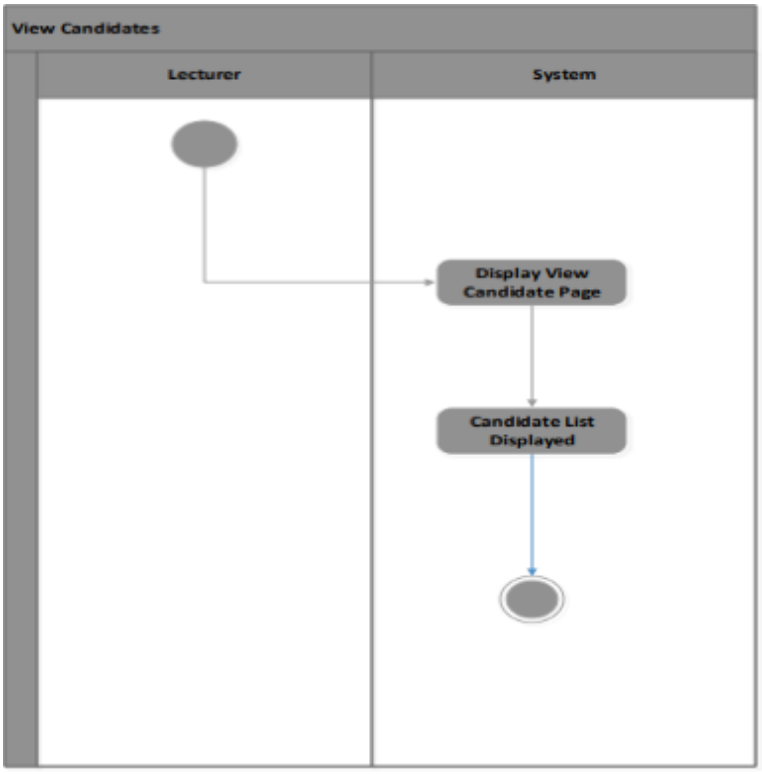

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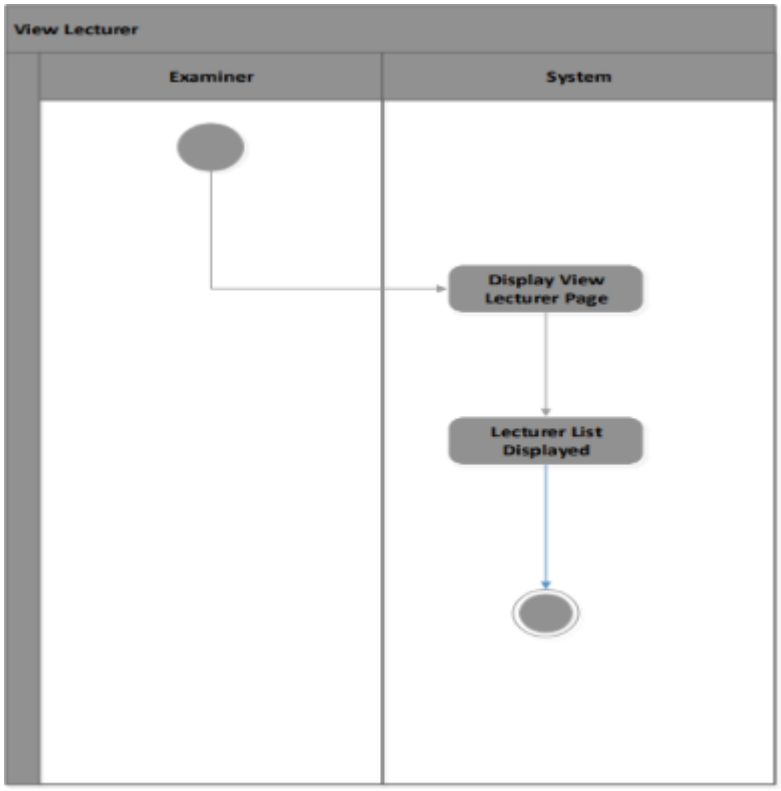

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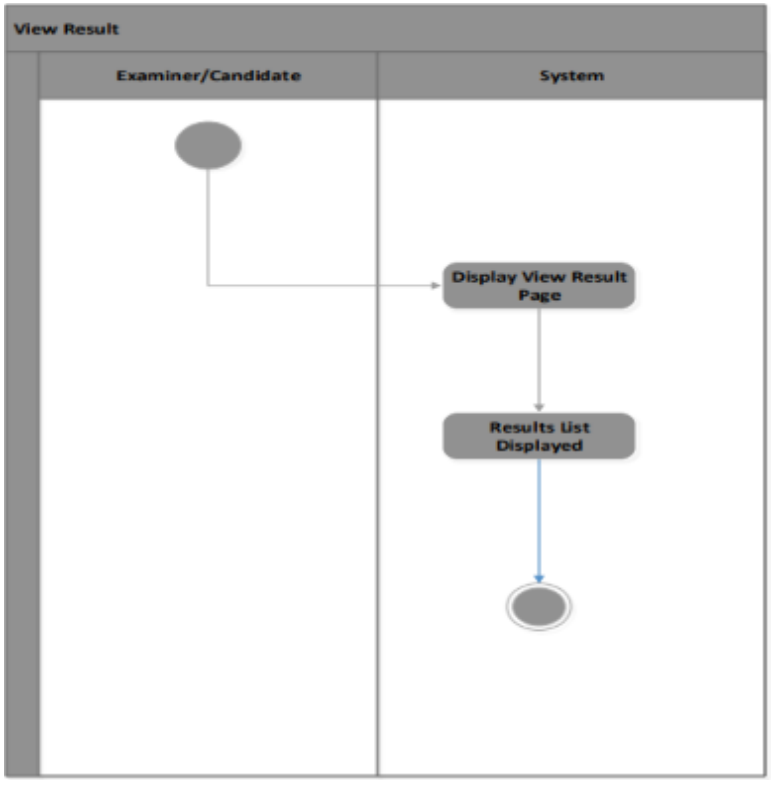
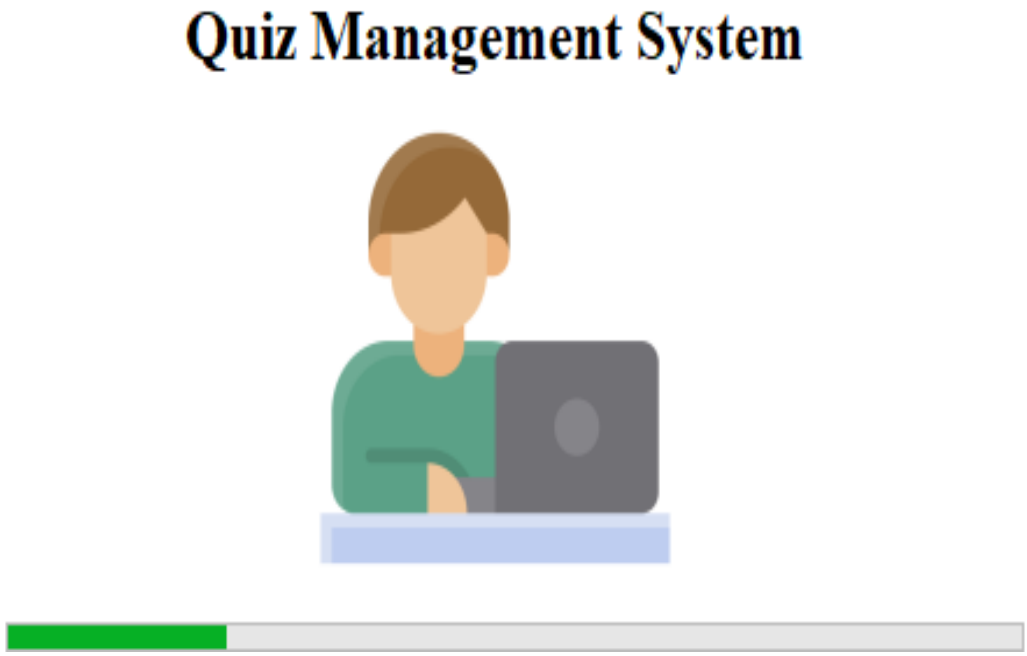
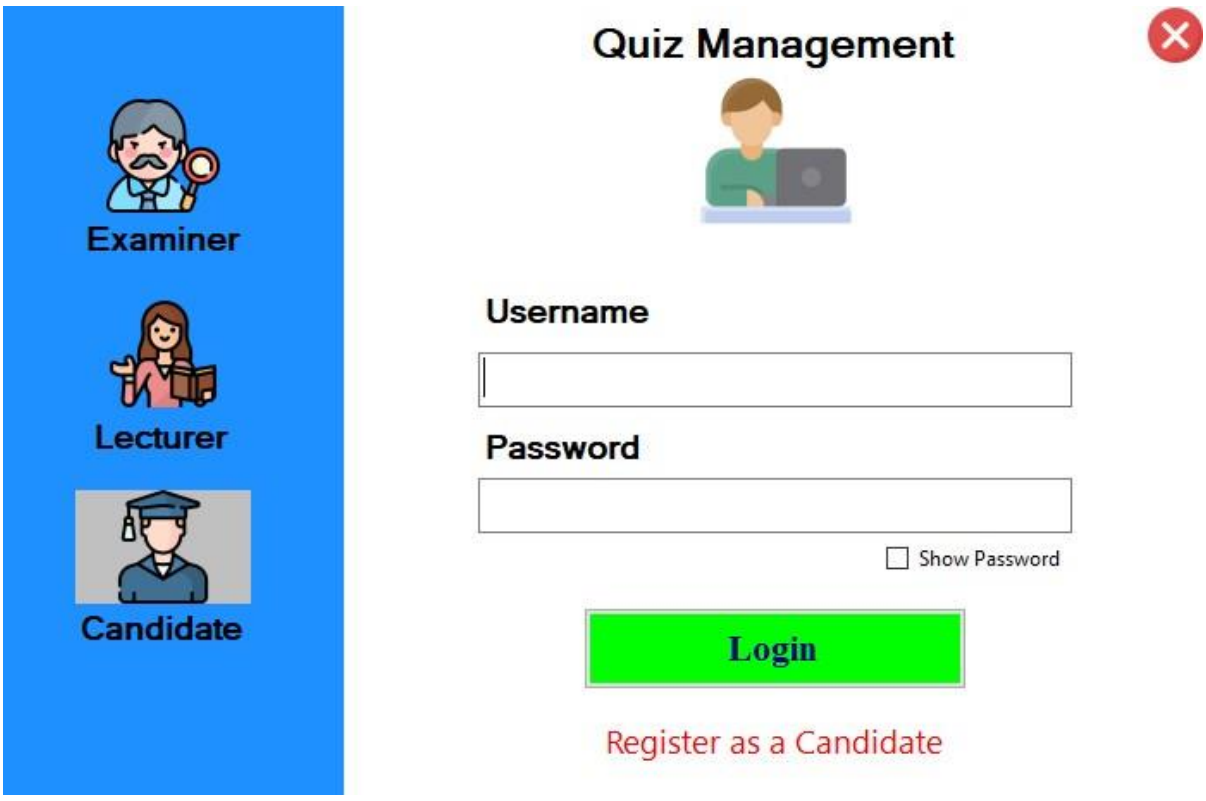
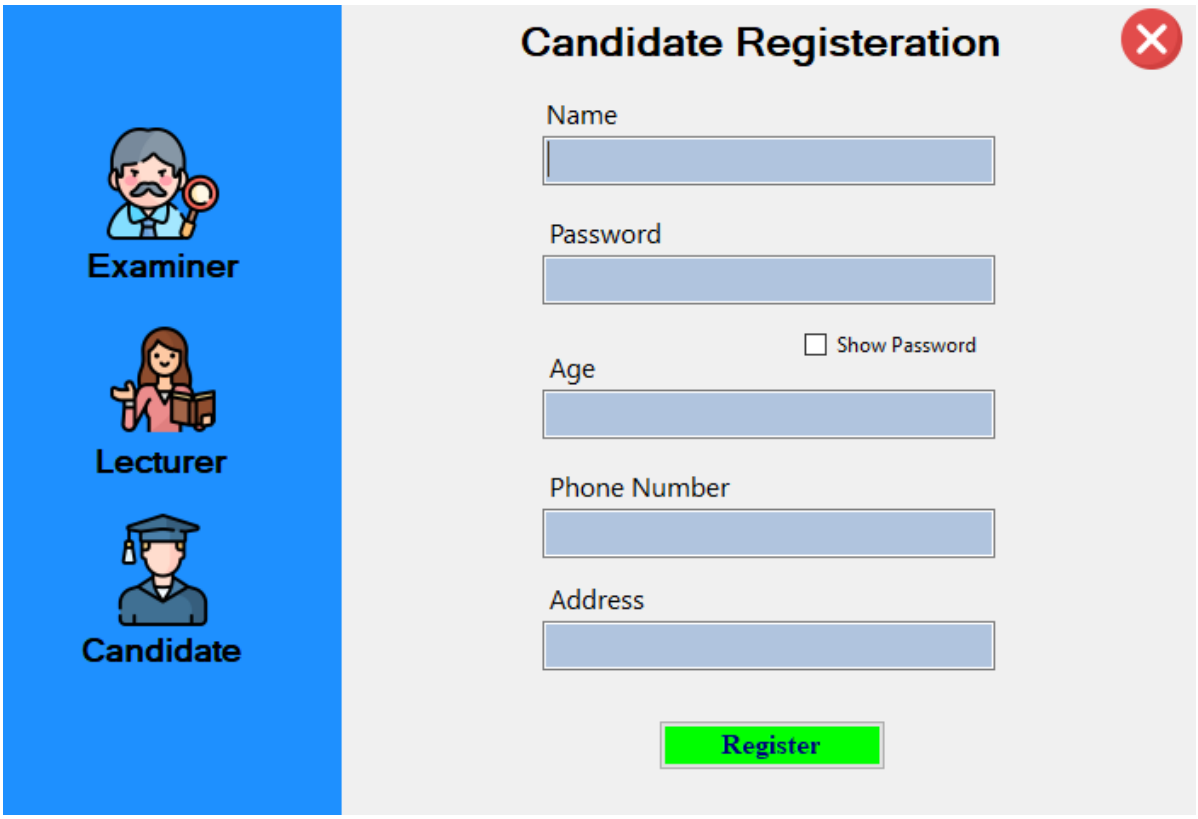


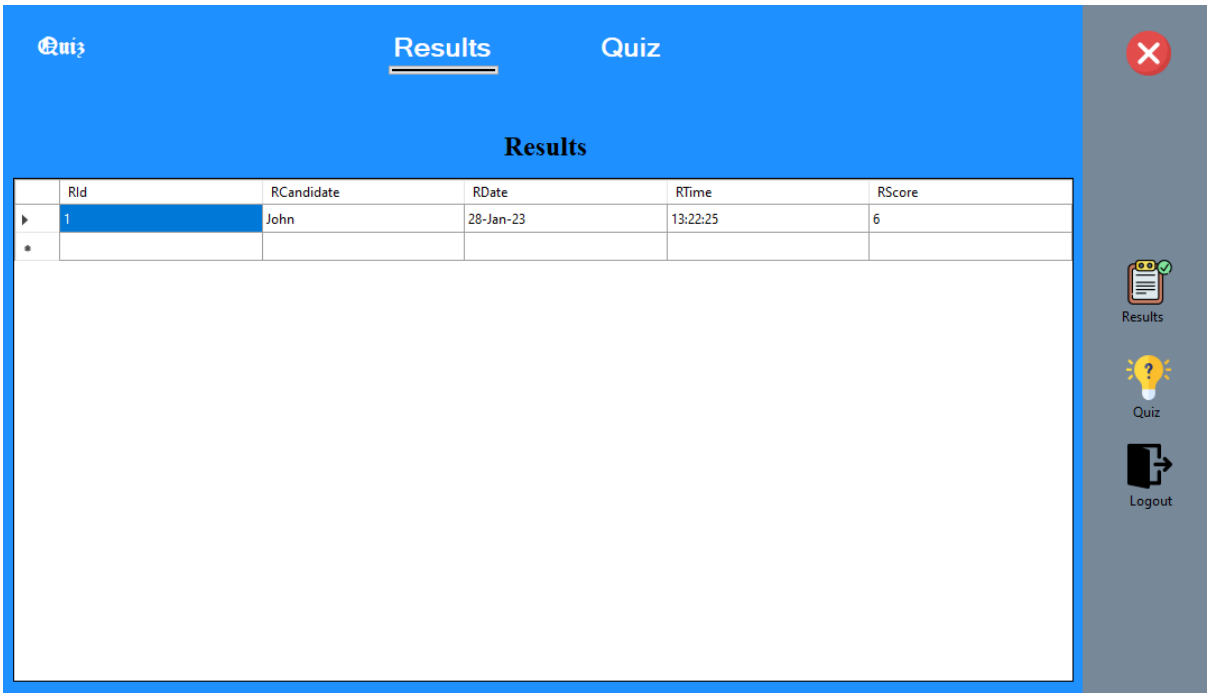
5. Application Screen Shots



5.1. Candidate Portal



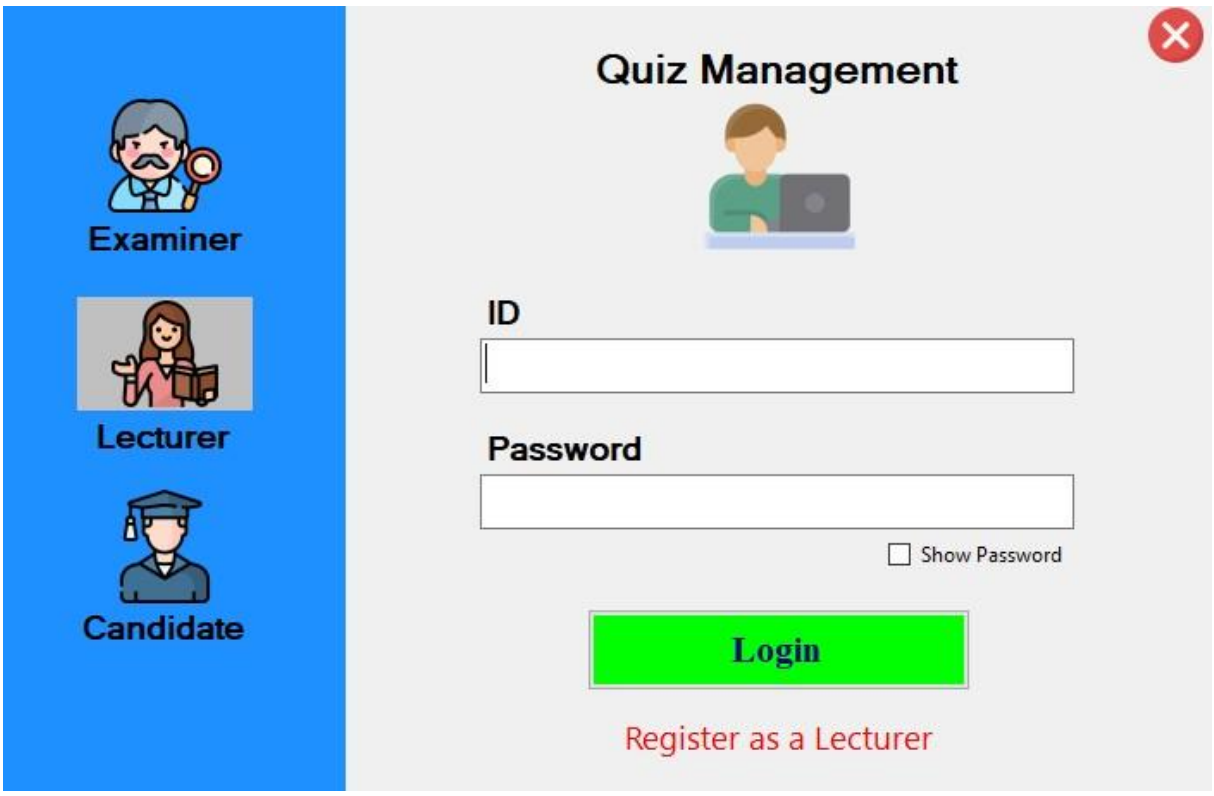


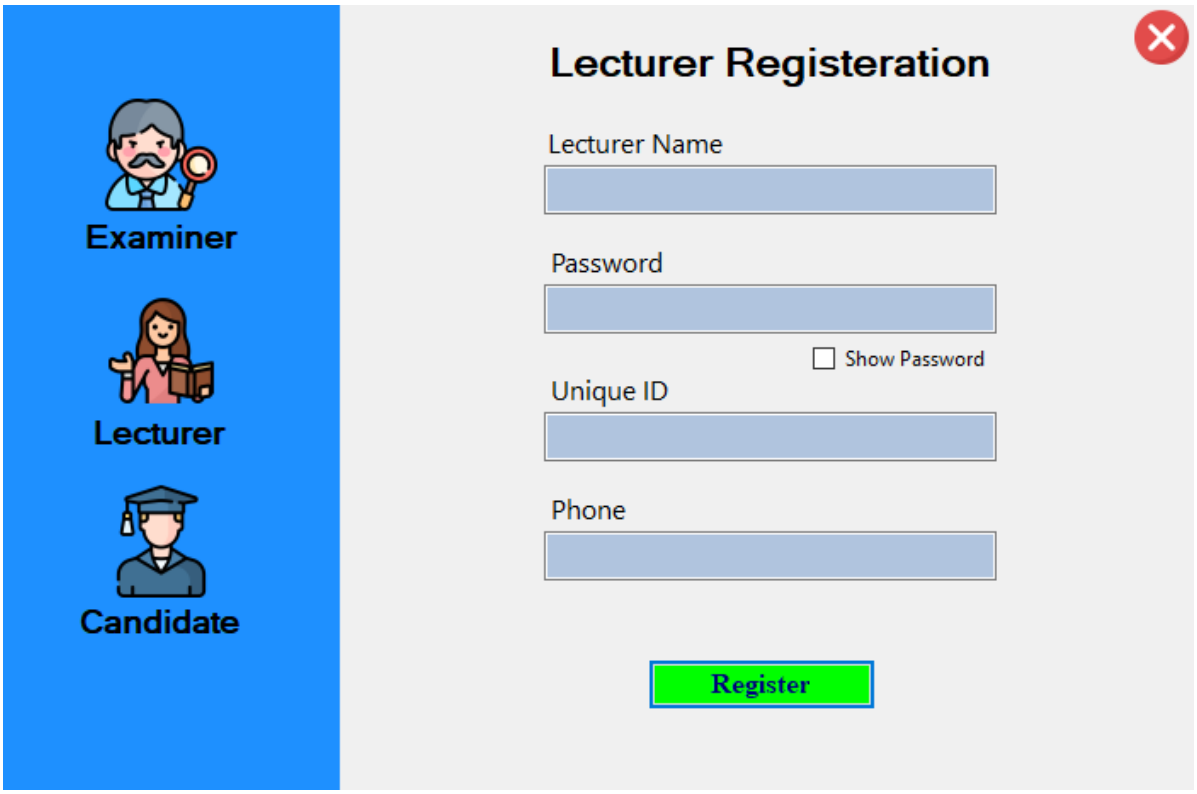

Quiz
Results
Quiz
Results
RId
RCandidate
RDate
RTime
RScore
1
John
28-Jan-23
13:22:25
6
Results
Quiz
Logout

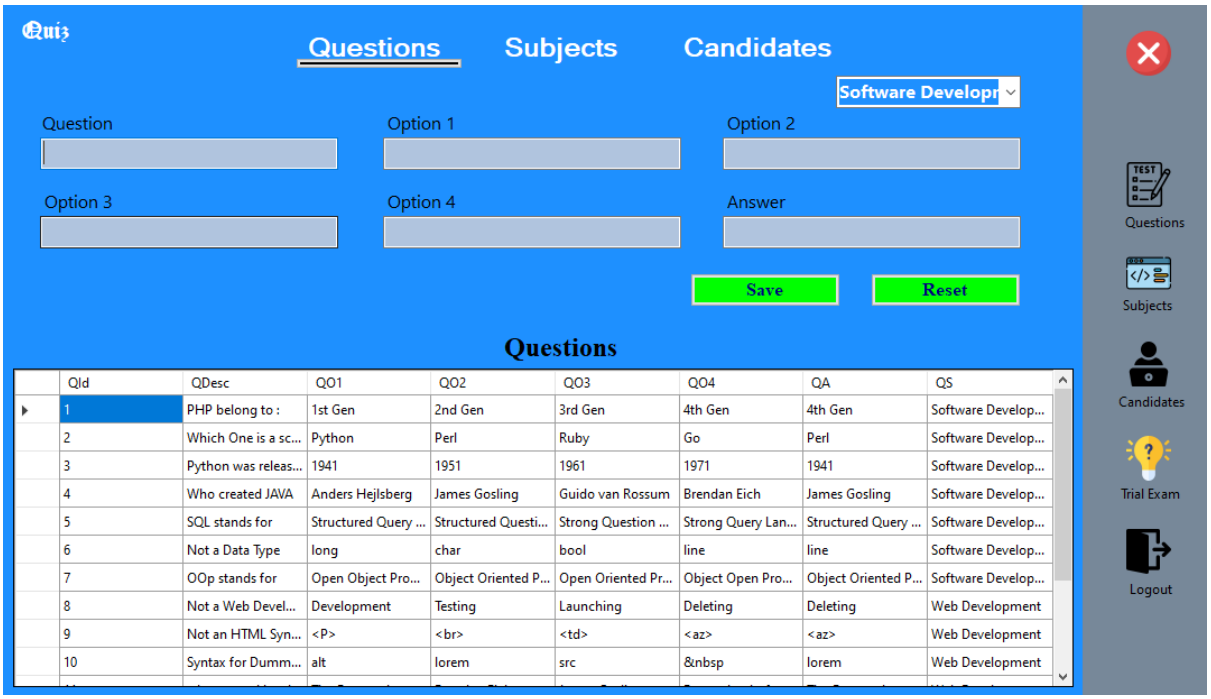
Quiz
Quiz
29- Jan -23
9:09:07 PM
John
PHP belong to :
1st Gen
2nd Gen
3rd Gen
4th Gen
A Control Structure in when Preparing Activity Diagram
Rotation
Iteration
Plain
Inheritance
Who created JAVA
Anders Hejlsberg
James Gosling
Guido van Rossum
Brendan Eich
Not a Data Type
long
char
bool
line
SQL stands for
Structured Query Language
Structured Question Language
Strong Question Language
Strong Query Language
Syntax for Dummy Text
alt
lorem
src
nbsp
who created html
Tim Berners-Lee
Brenden Eich
James Gosling
Ramus Lerdrof
Not an HTML Syntax
<P>

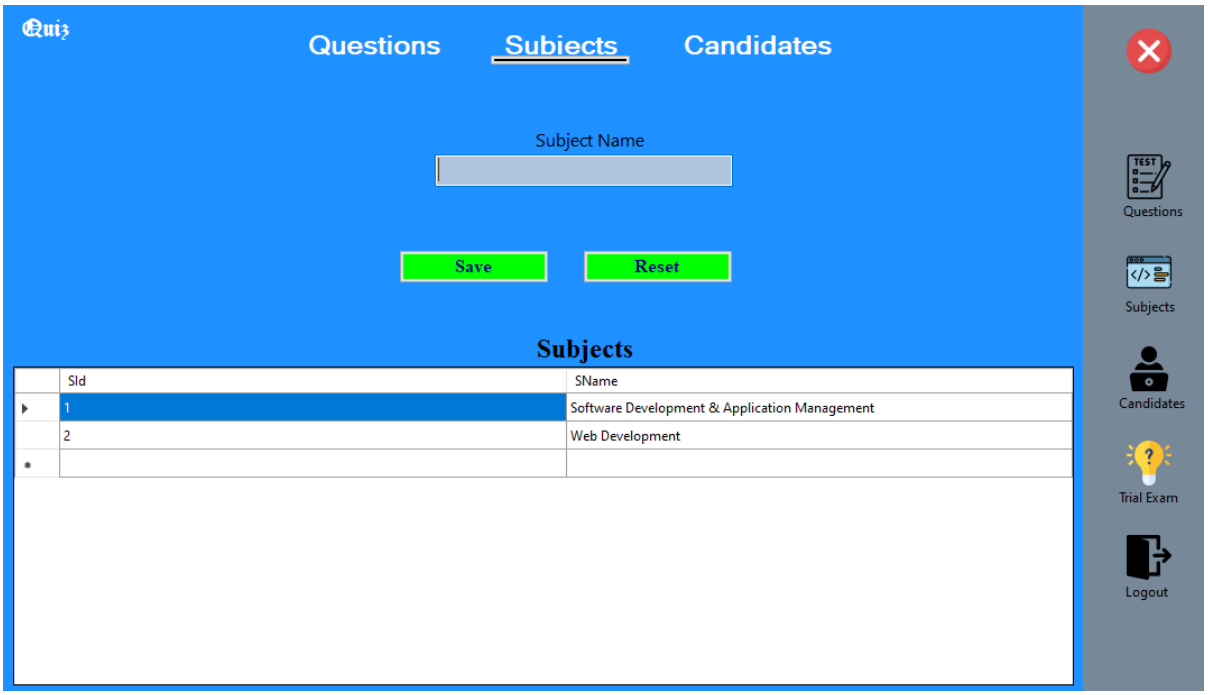
<td>
<az>
Which One is a scripting Language
Python
Perl
Ruby
Go
Python was released in
1941
1951
1961
1971
Submit
1071
Logout

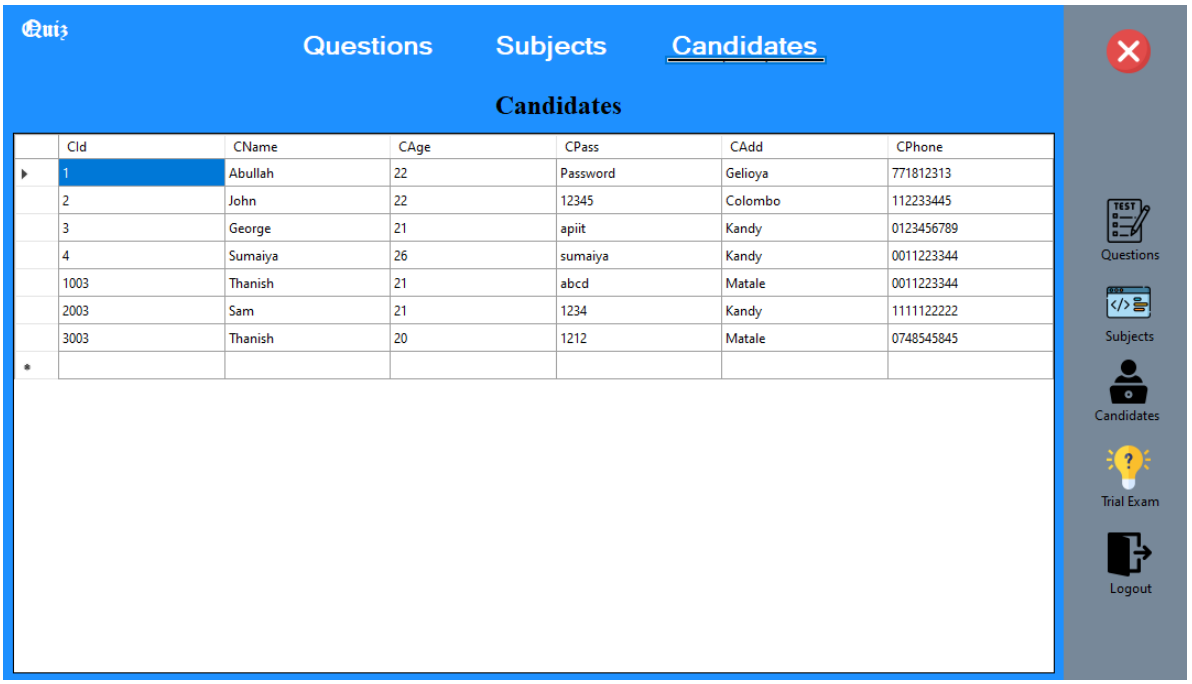
5.2. Lecturer Portal






Quiz
Questions
Subjects
Candidates
Software Developr
Question
Option 1
Option 2
Option 3
Option 4
Answer
Save
Reset
Questions
Subjects
Candidates
Trial Exam
Logout
Questions
QId QDesc QO1 QO2 QO3 QO4 QA QS
1 PHP belong to : 1st Gen 2nd Gen 3rd Gen 4th Gen 4th Gen Software Develop...
2 Which One is a sc... Python Perl Ruby Go Perl Software Develop...
3 Python was releas... 1941 1951 1961 1971 1941 Software Develop...
4 Who created JAVA Anders Hejlsberg James Gosling Guido van Rossum Brendan Eich James Gosling Software Develop...
5 SQL stands for Structured Query ... Structured Questi... Strong Question ... Strong Query Lan... Structured Query ... Software Develop...
6 Not a Data Type long char bool line line Software Develop...
7 OOp stands for Open Object Pro... Object Oriented P... Open Oriented Pr... Object Open Pro... Object Oriented P... Software Develop...
8 Not a Web Devel... Development Testing Launching Deleting Deleting Web Development
9 Not an HTML Syn... <P>
 <td> <az> <az> Web Development
10 Syntax for Dumm... alt lorem src   lorem Web Development


Quiz
Questions
Subjects
Candidates
Subject Name
Save
Reset
Subjects
Questions
Subjects
Candidates
Trial Exam
Logout
SId SName
1 Software Development & Application Management
2 Web Development



	CId	CName	CAge	CPass	CAdd	CPhone
▸	1	Abullah	22	Password	Gelioya	771812313
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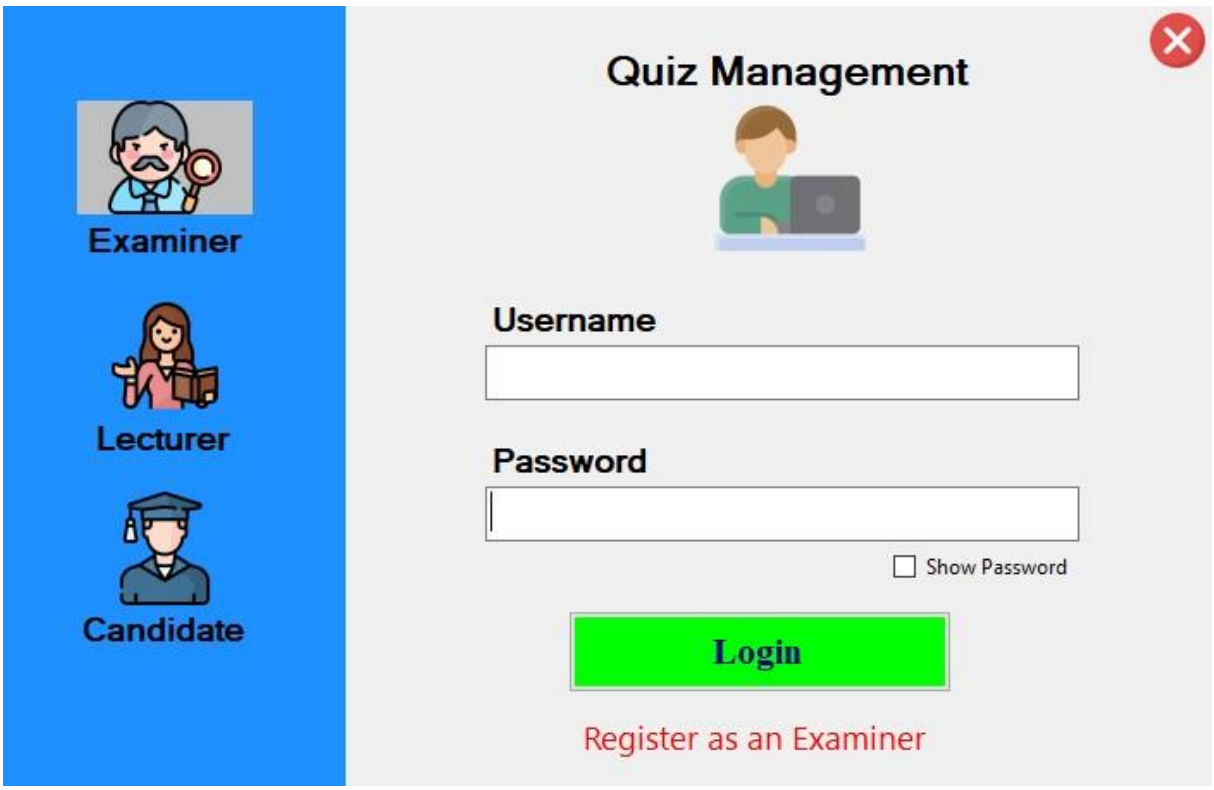
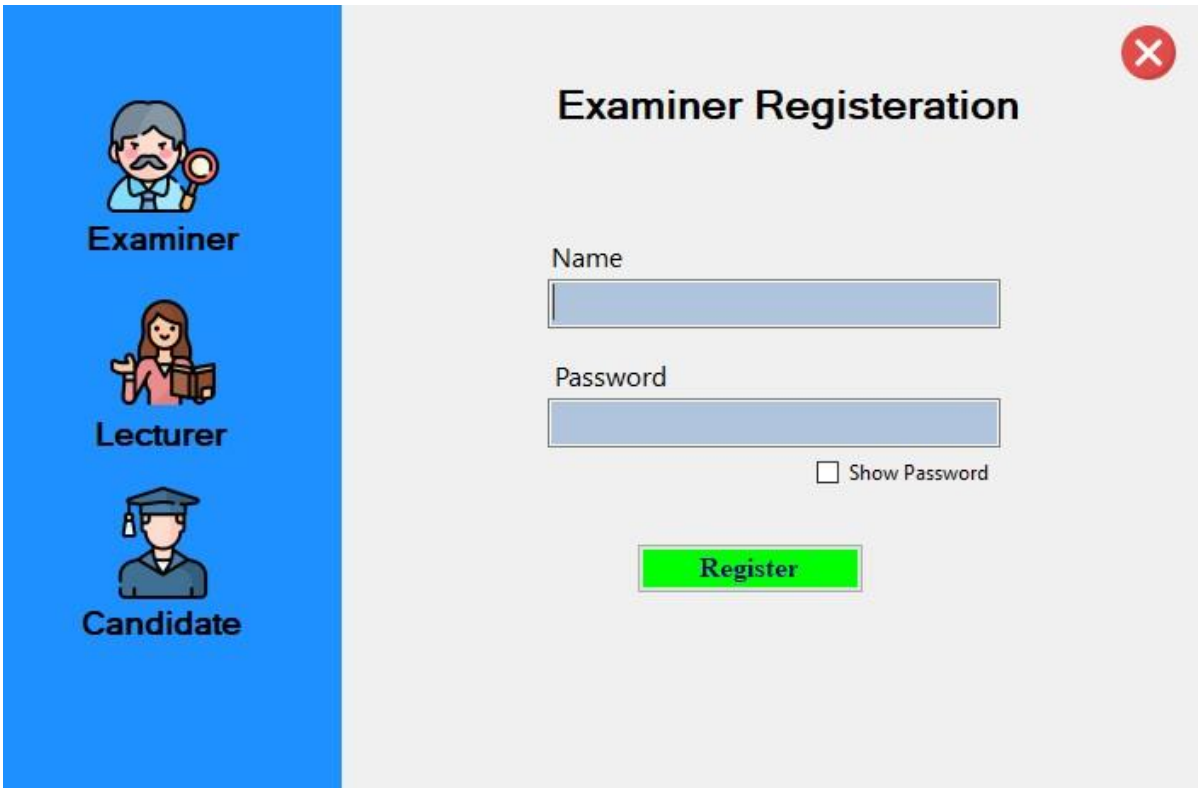
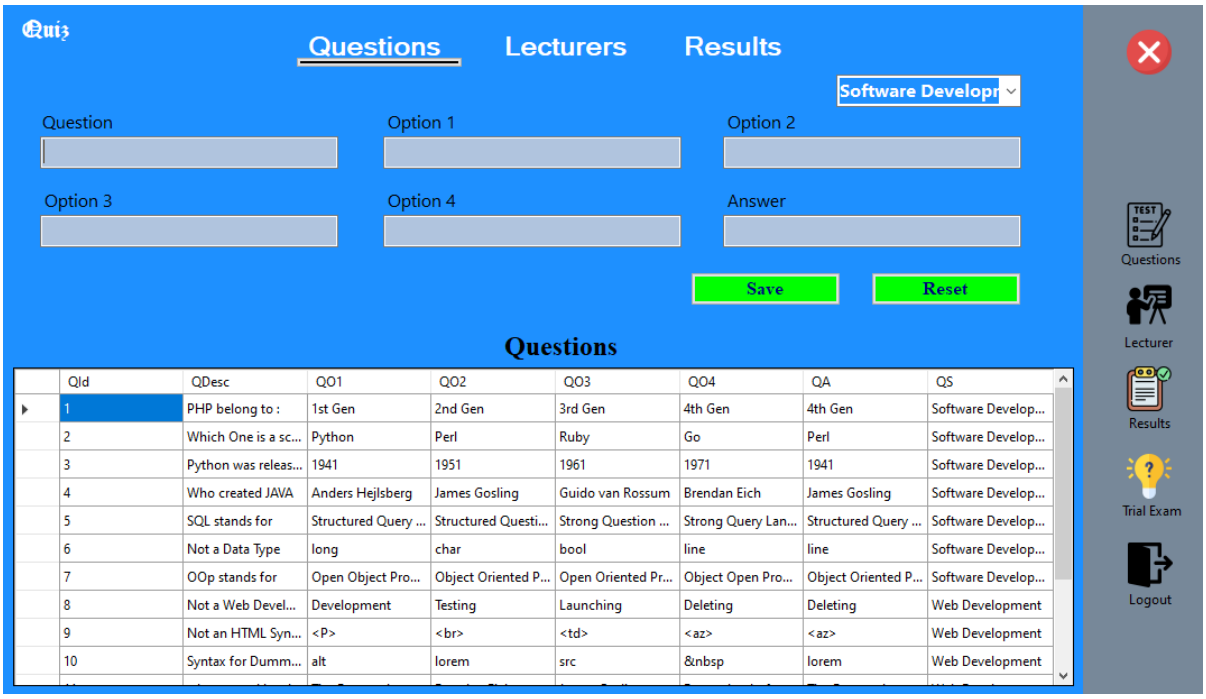
	3	George	21	apiit	Kandy	0123456789
	4	Sumaiya	26	sumaiya	Kandy	0011223344
	1003	Thanish	21	abcd	Matale	0011223344
	2003	Sam	21	1234	Kandy	1111122222
	3003	Thanish	20	1212	Matale	0748545845
*						

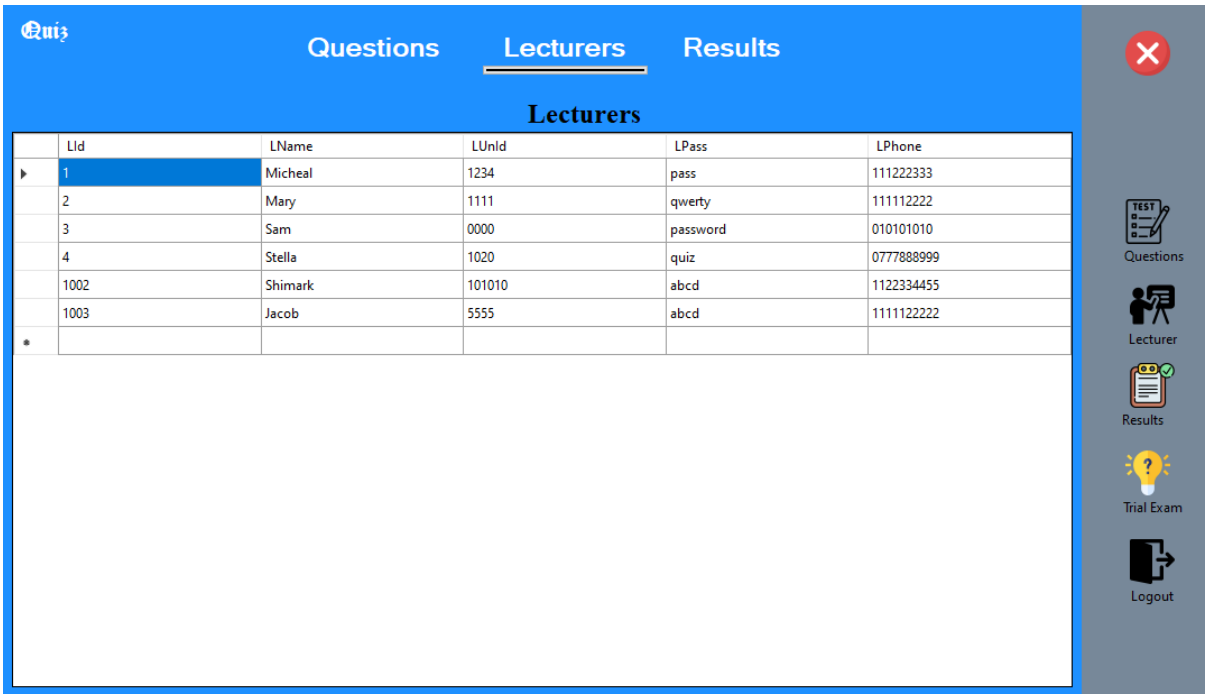
5.3. Examiner Portal







Qid	QDesc	QO1	QO2	QO3	QO4	QA	QS
1	PHP belong to :	1st Gen	2nd Gen	3rd Gen	4th Gen	4th Gen	Software Develop...
2	Which One is a sc...	Python	Perl	Ruby	Go	Perl	Software Develop...
3	Python was releas...	1941	1951	1961	1971	1941	Software Develop...
4	Who created JAVA	Anders Hejlsberg	James Gosling	Guido van Rossum	Brendan Eich	James Gosling	Software Develop...
5	SQL stands for	Structured Query ...	Structured Questi...	Strong Question ...	Strong Query Lan...	Structured Query ...	Software Develop...
6	Not a Data Type	long	char	bool	line	line	Software Develop...
7	OOp stands for	Open Object Pro...	Object Oriented P...	Open Oriented Pr...	Object Open Pro...	Object Oriented P...	Software Develop...
8	Not a Web Devel...	Development	Testing	Launching	Deleting	Deleting	Web Development
9	Not an HTML Syn...	<P>	 	<td>	<az>	<az>	Web Development
10	Syntax for Dumm...	alt	lorem	src		lorem	Web Development


Quiz
Questions
Lecturers
Results
Lecturers
LId
LName
LUnId
LPass
LPhone
1
Micheal
1234
pass
111222333
2
Mary
1111
qwerty
111112222
3
Sam
0000
password
010101010
4
Stella
1020
quiz
0777888999
1002
Shimark
101010
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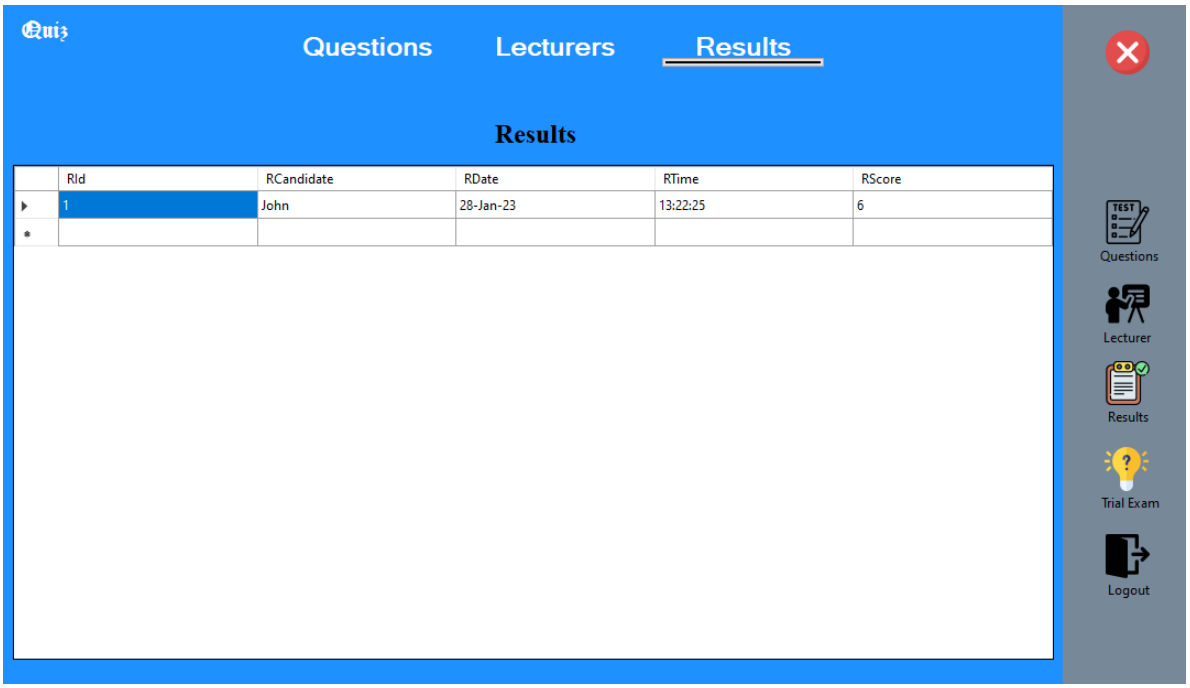
1003
Jacob
5555
abcd
1111122222
Questions
Lecturer
Results
Trial Exam
Logout


Quiz
Questions
Lecturers
Results
Results
RId
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RDate
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RScore
1
John
28-Jan-23
13:22:25
6
Questions
Lecturer
Results
Trial Exam
Logout

References

W3 Schools

https://www.w3schools.com/

Conclusion

The purpose of this assignment was to learn how we can Draw UML Diagrams and Prepare an application using C# according to the Drawn UML Diagrams. At the beginning I faced some difficulties in assigning functions, but now I can manage it without much difficulties.