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Online Examination System Using Java

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Abstract: ***MCQ based Online Examination System using java is a Test Management Software, which offers a complete solution for Computer Based Test (CBT) .They are used to set up multiple choice tests for set time periods that when submitted are automatically corrected and the results are displayed immediately after submitting the***

I. FEATURES

1) Administrator login.
2) Student registration.
3) Management and update of questions, deleting question, students results.
4) Admin page is protected using password.
5) Display of result in the form of total score, immediately after exam.

A. What Impact Does It Have

1) Physical presence at a given location is absolutely not necessary.
2) No time is spent on evaluation.
3) Results are available instantly.
4) The time of starting and completion of examination can be recorded at the server and the student cannot manipulate the same.
5) Almost all competitive exams are multiple choice types and these can be easily conducted online, for example MSBTE semester exams.

II. INTRODUCTION

A. Purpose

1) The purpose of on-line test simulator is to take online test in an efficient manner and no time wasting for checking the paper.
2) The main objective of on-line test is to efficiently evaluate the candidate thoroughly through a fully automated system that not only saves lot of time but also gives fast results.
3) For students they give papers according to their convenience and time and there is no need of using extra thing like paper, pen etc.

B. Scope

Scope of this project is very broad in terms of other manually taking exams.
Few of them are:-

1) This can be used in educational institutions as well as in corporate world.
2) No restriction that examiner has to be present when the candidate takes the test.

C. Features

1) Secure
2) Easy to use
3) Reliable and accurate
4) No need of examiner

D. Oveview

The online test created for taking online test has following stages

1) Login
2) Test
3) Result

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E. login

1) There is a quality login window because this is more secure than other login forms as in a normal login window there are multiple logins available so that more than one person can access to test with their individual login.

2) It include two login windows one for administrator and another one for student.

F. Test

1) Test page is the most creative and important page in this project. It

2) Consists of 2 modules namely:

3) Student registration

4) Exam page

III. TECHNOLOGIES USED

A. Front End As

NetBeans Platform

B. Back End As

Java

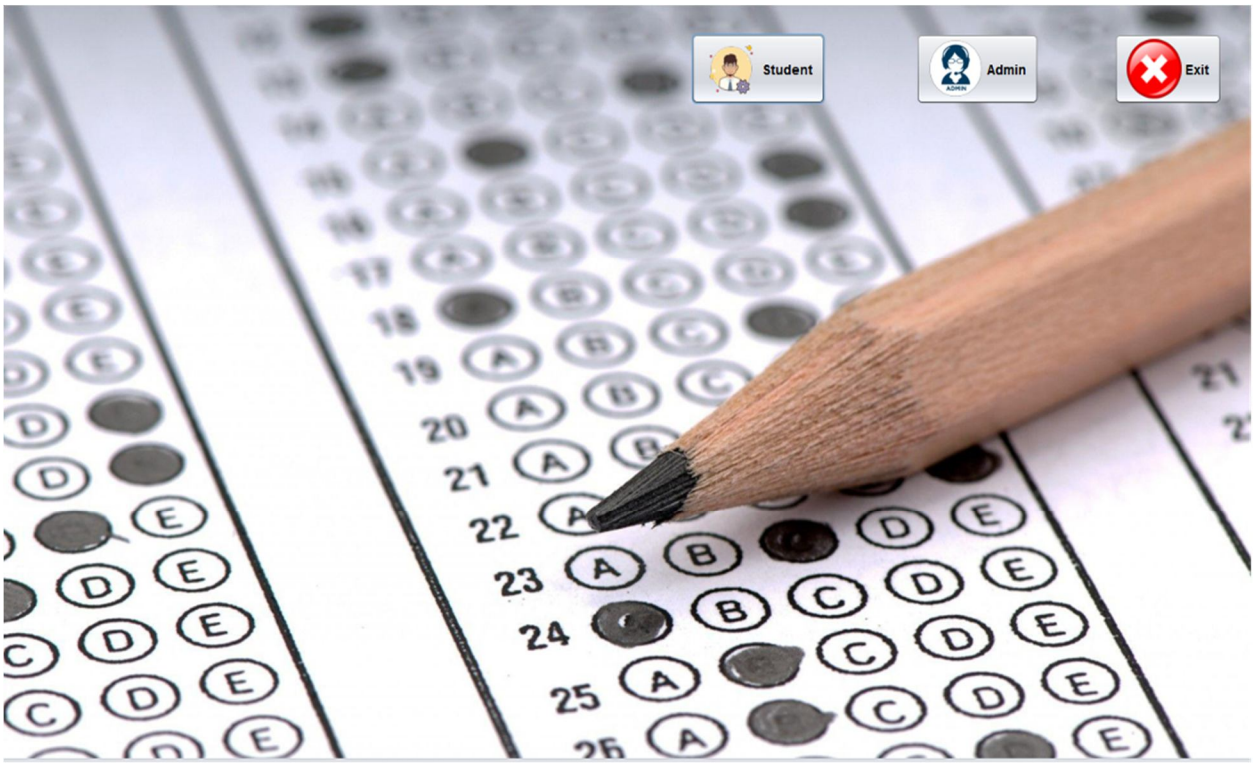
C. Database

Oracle MySql

D. Querying Language

Java

IV. SNAPSHOTS



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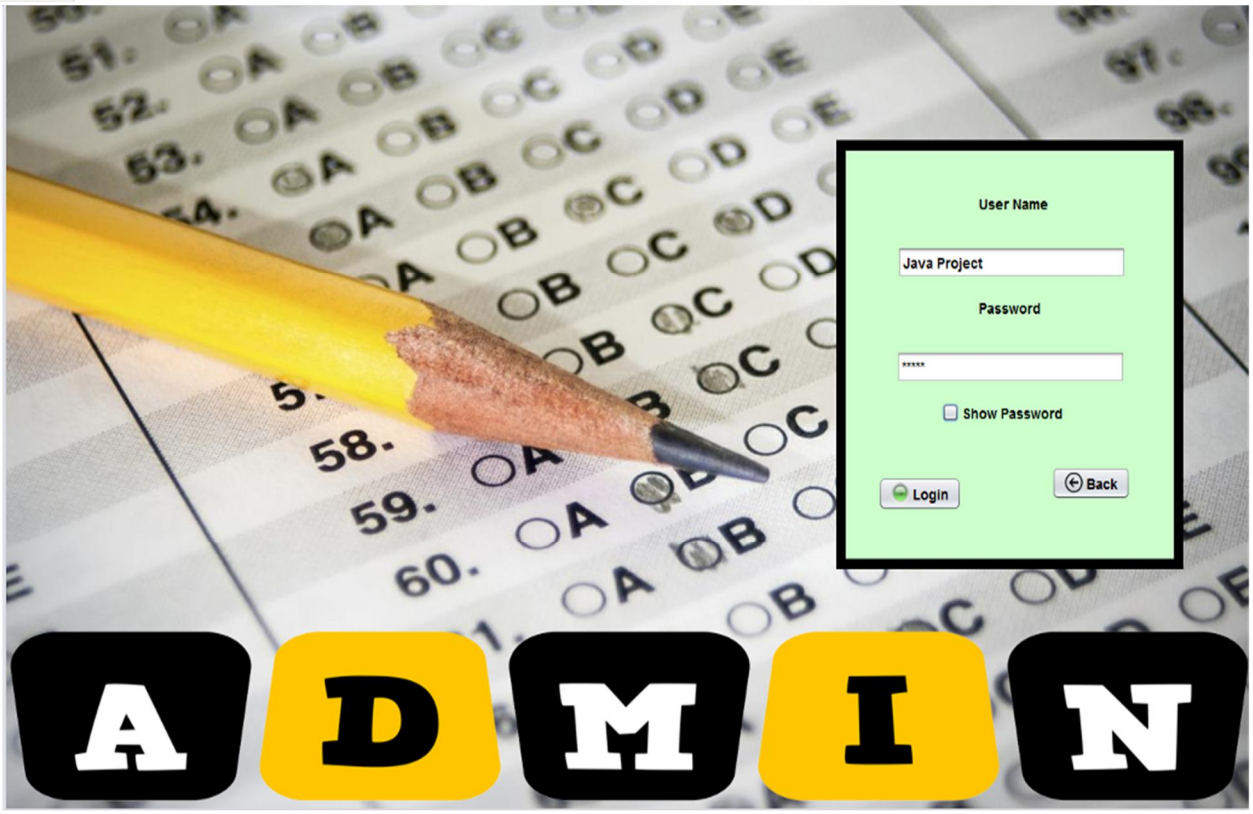

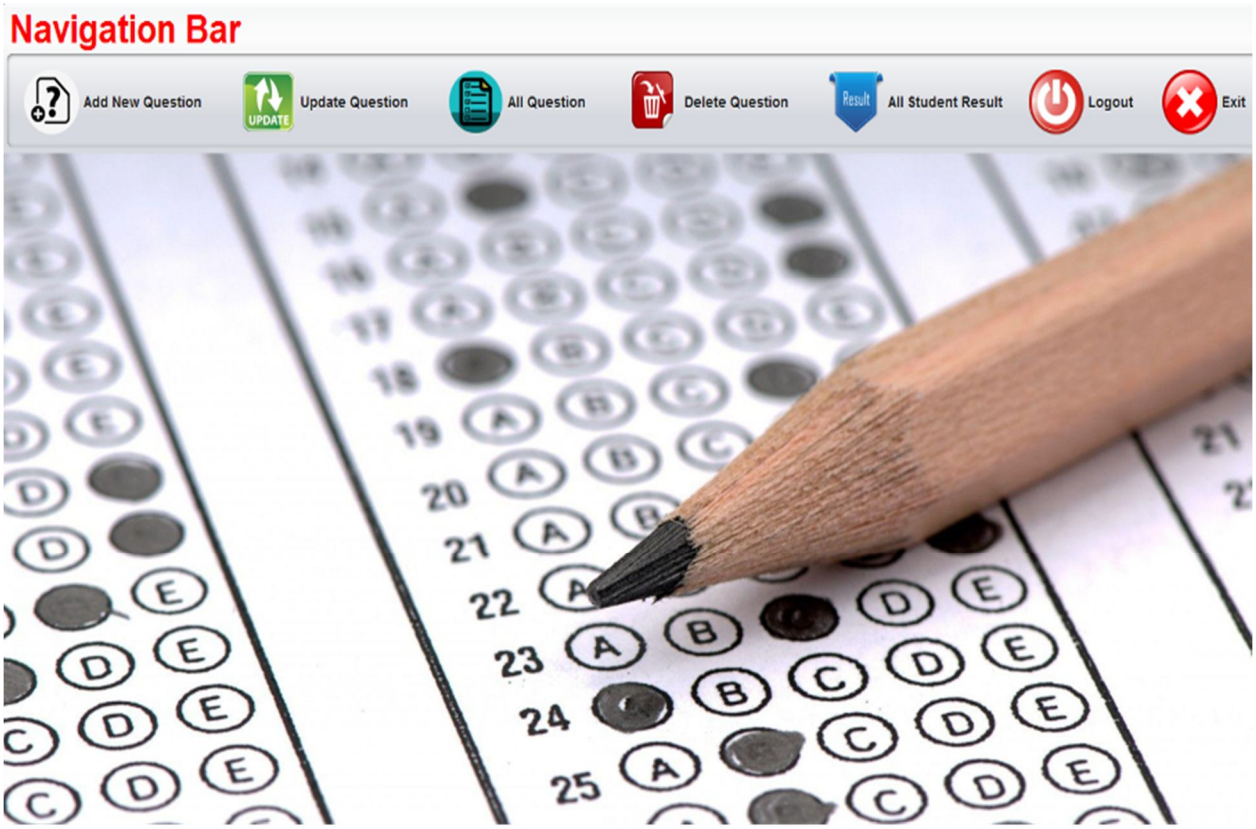

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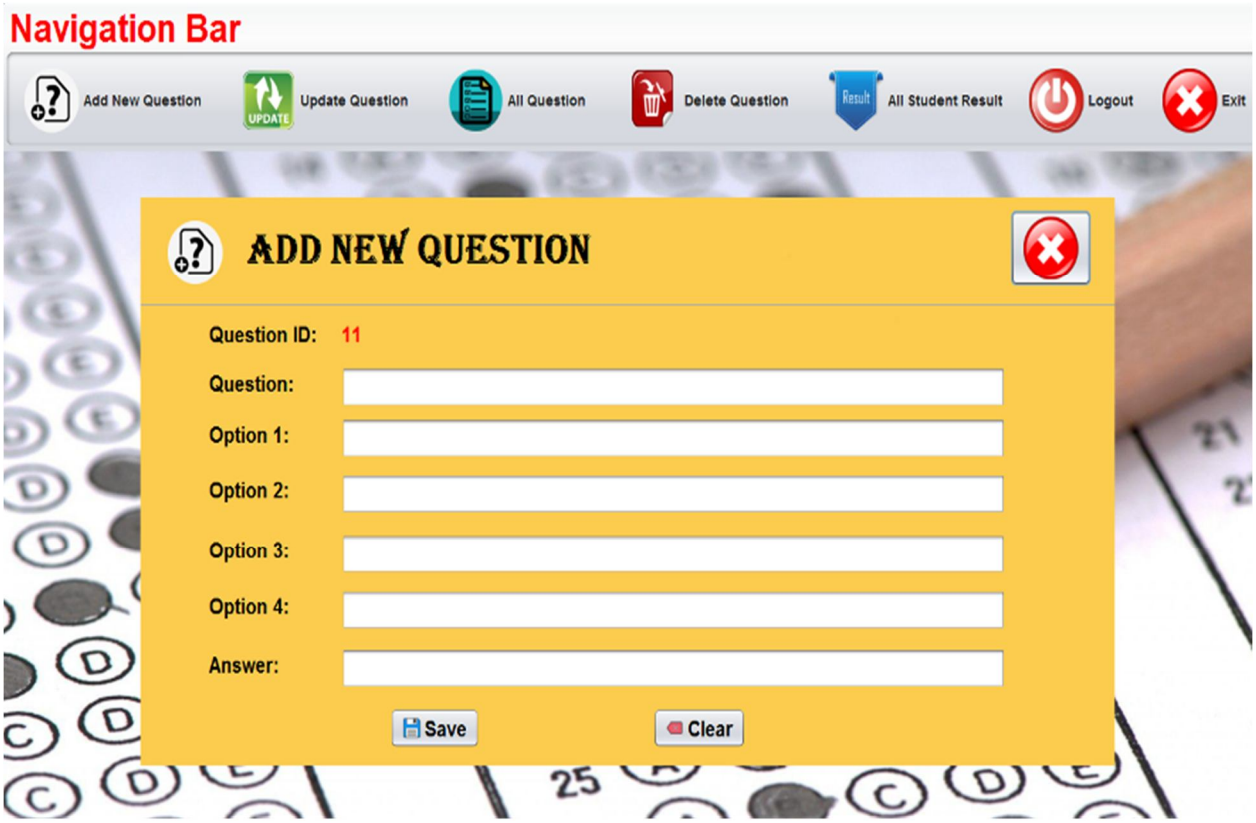
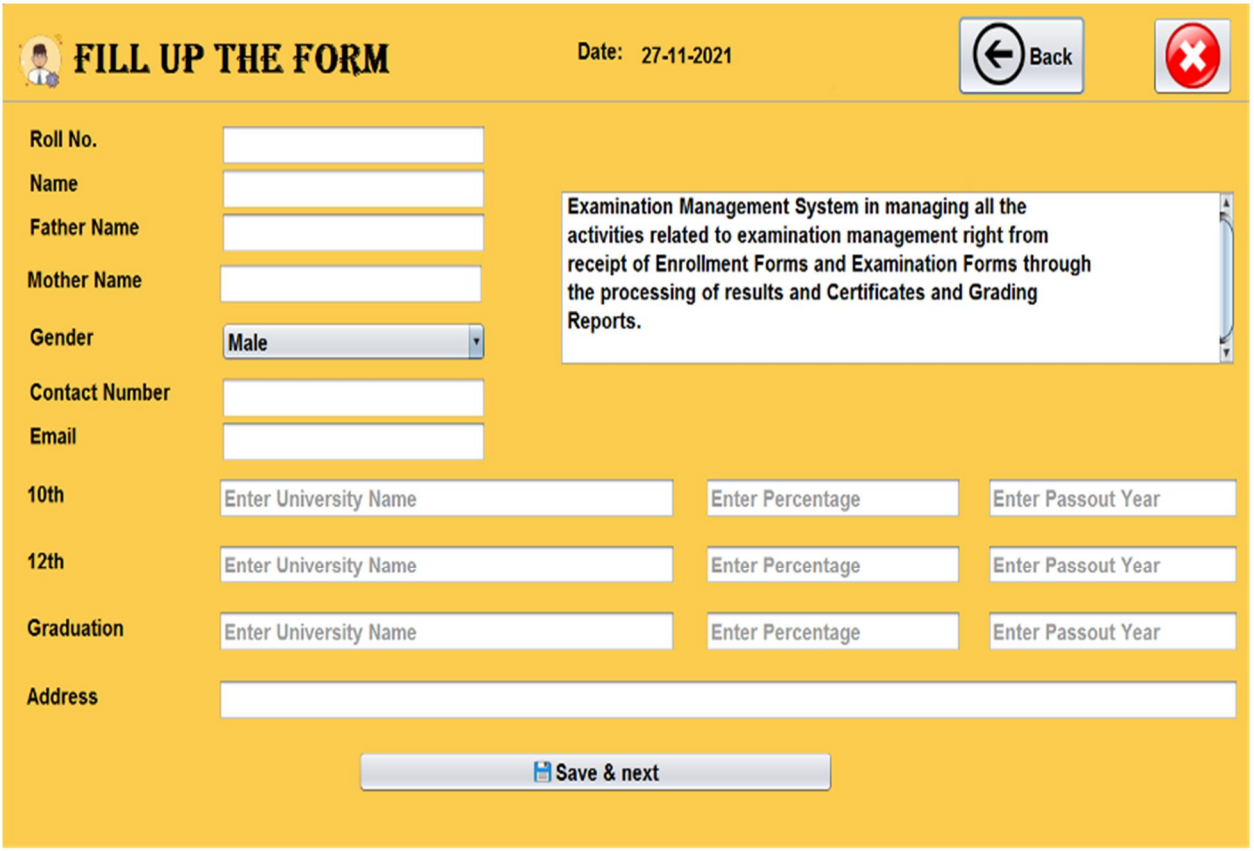

Navigation Bar
Add New Question
Update Question
All Question
Delete Question
All Student Result
Logout
Exit
ADD NEW QUESTION
Question ID: 11
Question:
Option 1:
Option 2:
Option 3:
Option 4:
Answer:
Save
Clear


FILL UP THE FORM
Date: 27-11-2021
Back
Roll No.
Name
Father Name
Mother Name
Gender
Male
Contact Number
Email
Examination Management System in managing all the activities related to examination management right from receipt of Enrollment Forms and Examination Forms through the processing of results and Certificates and Grading Reports.
10th
12th
Graduation
Enter University Name
Enter Percentage
Enter Passout Year
Address
Save & next

V. FUTURE SCOPE

There have been numerous cases of computer glitches, errors in content, and security lapses reported in online examination .So in the near future the so –called software could be made more secure and reliable. While electronic glitches are rare, they have been known to occur, for instance when computer crashes voided the efforts of thousands of student. There are also cases in which the correction software has corrupted scores. so the software can be programmed well so as to avoid corrupted scores.

VI. CONCLUSION

The MCQ based Online Examination System is developed using java programming language and MySql fully meets the objectives of the system for which it has been developed. The system is operated at a high level of efficiency and all the teachers and user associated with the system understands its advantage. The system solves the problem. It was intended to solve as requirement specification

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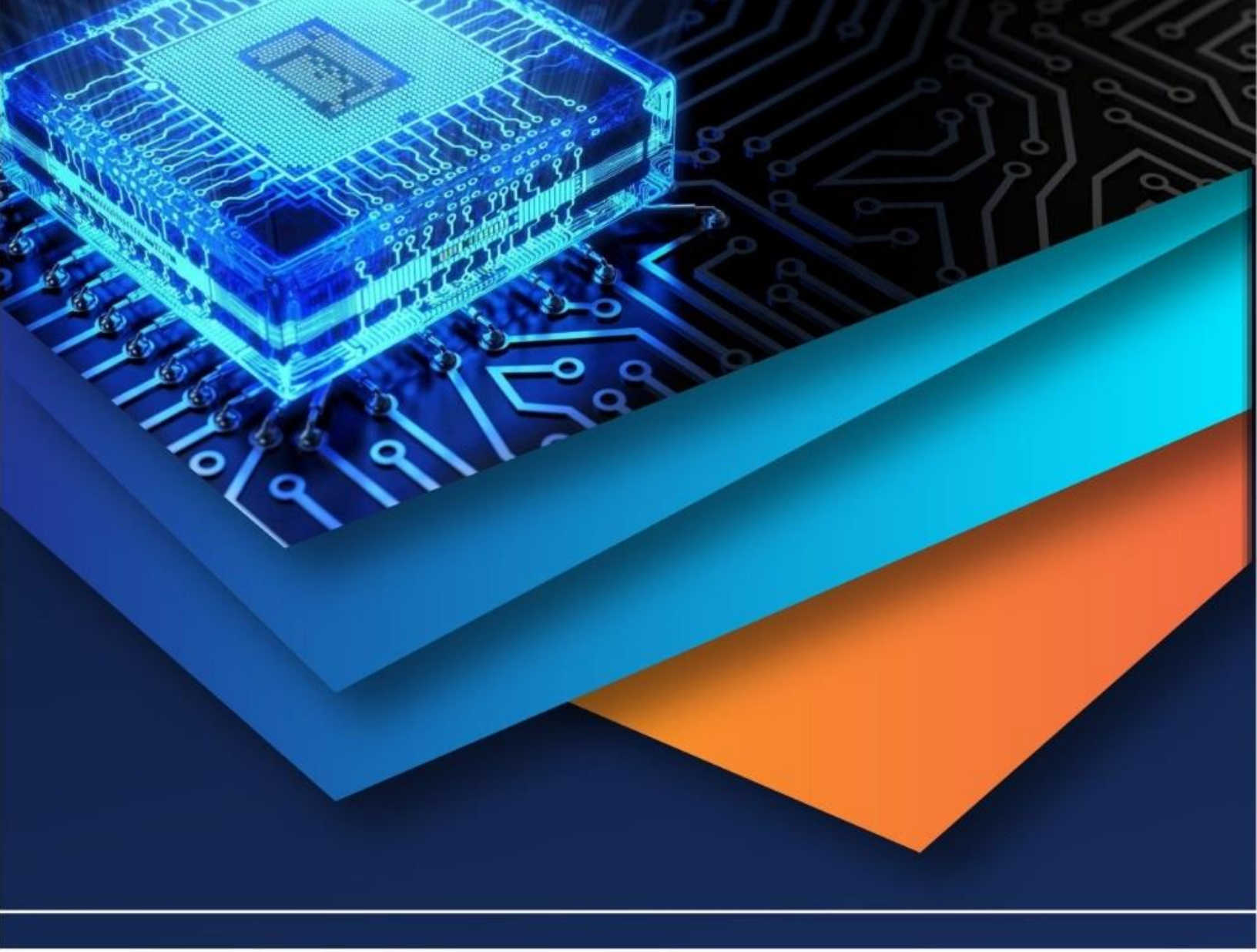

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