

ONLINE PROCTORING SYSTEM

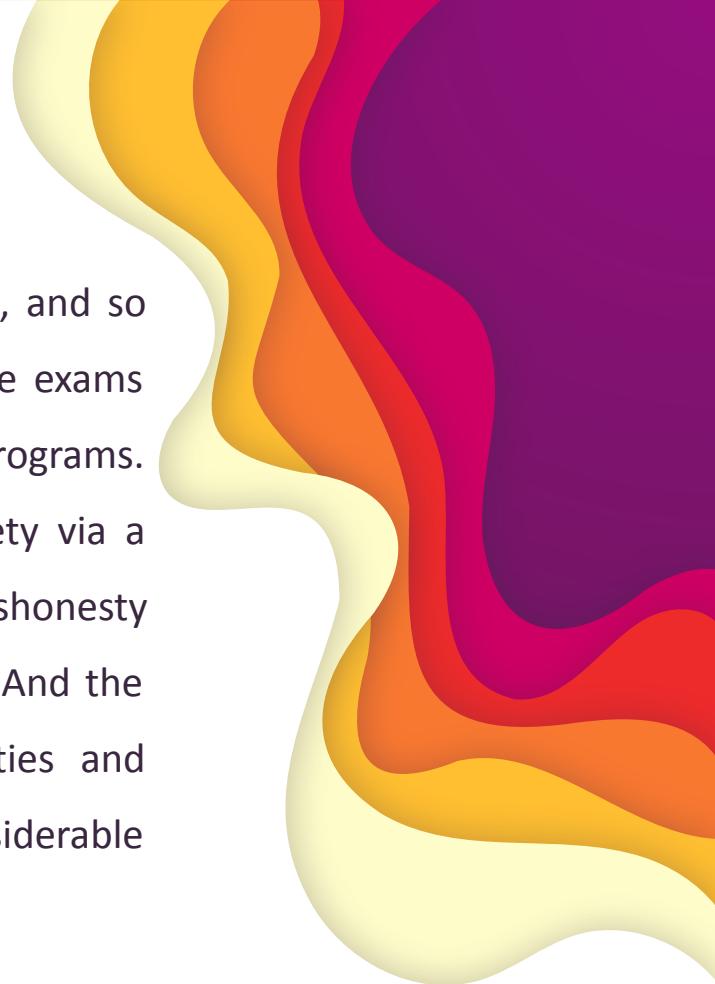
TEAM MEMBERS:

- N.M.P.Praveen [18IT061]
- Priya Savithiri B [18IT063]
- Shamyukta Ra [18IT085]



OVERALL PROBLEM

Online proctoring has surged during the Coronavirus pandemic, and so too have concerns about the practice, in which candidates take exams under the watchful eyes (human or automated) of third-party programs. Candidate concerns are their privacy and increasing test anxiety via a sense of being surveilled. Of course, concerns about academic dishonesty are what gave rise to online exam proctoring in the first place. And the switch to rapid remote instruction provides new opportunities and motivations to cheat: everyone is away from campus, under considerable stress.





“

CONTEXTUAL INQUIRY

In Online Proctoring,

1. Provider want to detect verbal assistance from another person in the same room or remotely via a phone call of candidates.
2. In online exams, cheating masterminds often use hard drives, USBs, Micro SDs and other external smart devices that are easy to conceal and challenging to detect. Before or during the test, test-takers plug them for easy use, making them standard accessories to online cheating.
3. Even after all possible preventions we done before conducting an exam , some might still cheat on the exams . Group of people could discuss and write the same answers or share the questions through Whatsapp and so. Therefore , we are going to detect the answer patterns and find if there are any abnormalities.

“

OBJECTIVES



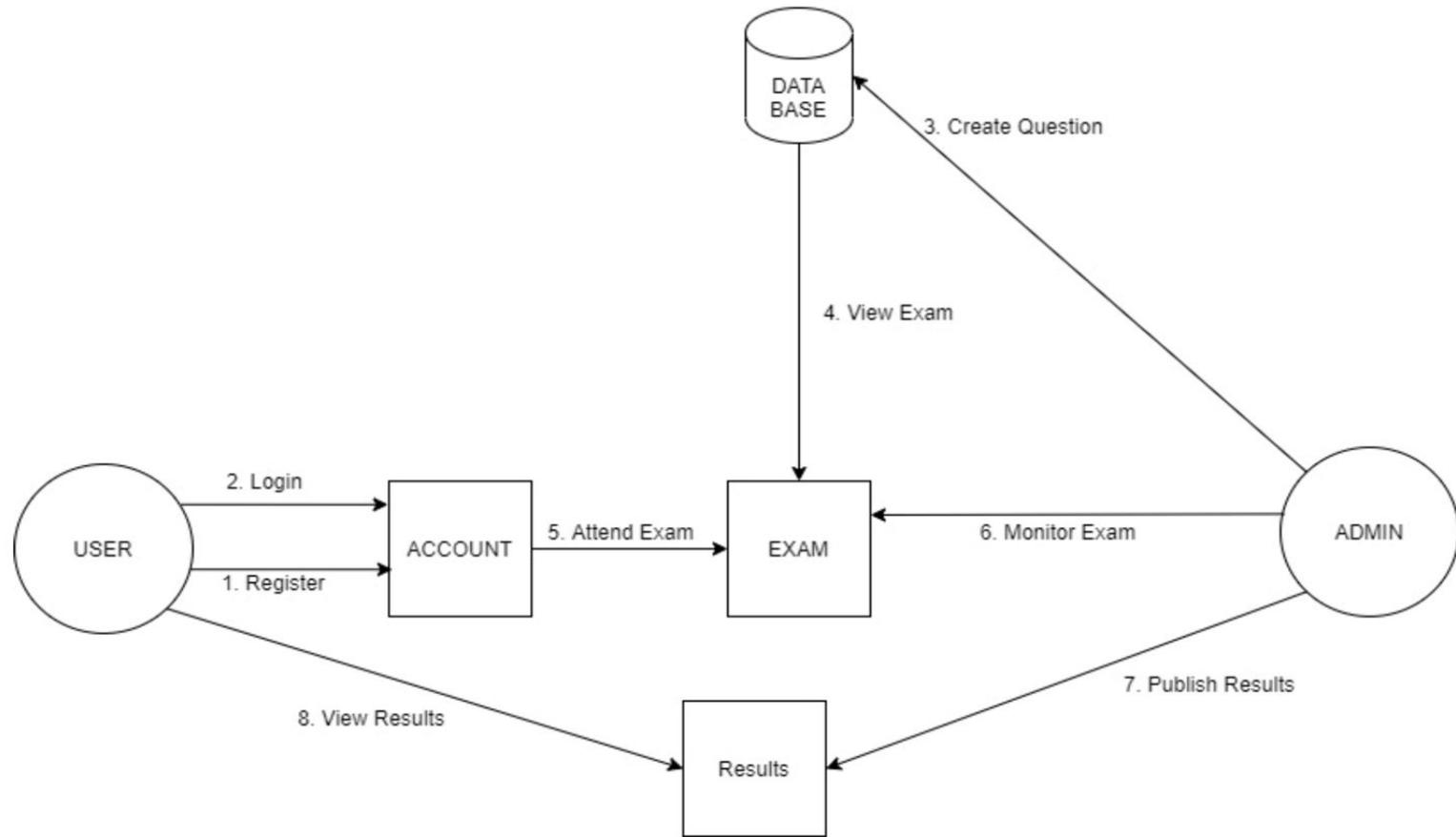
Our objective is to reduce cheating in online exams by following ways;

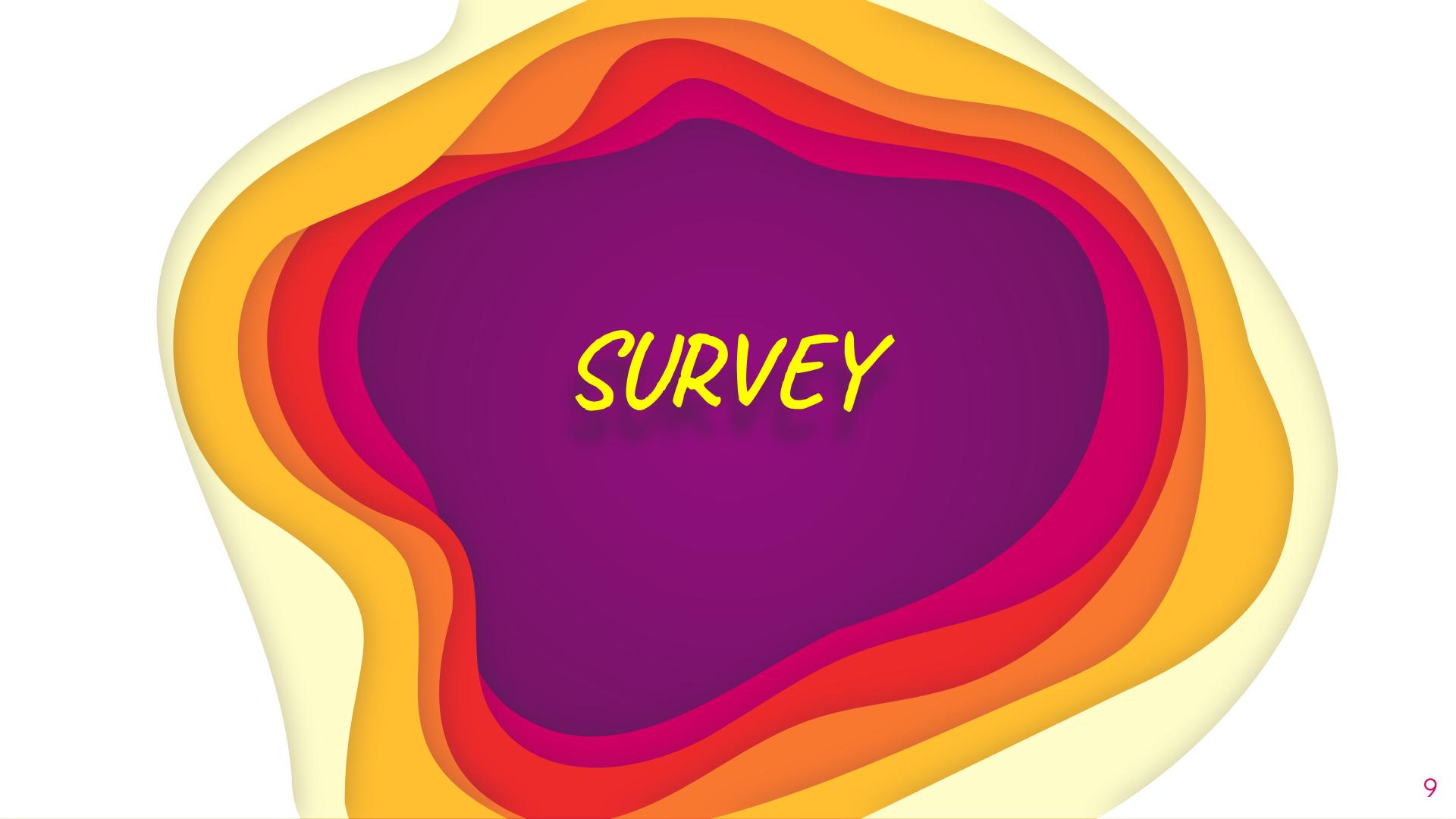
1. To avoid verbal assistance
2. To detect Remote access and dual device usage
3. Anomaly detection.



“

SYSTEM ARCHITECTURE

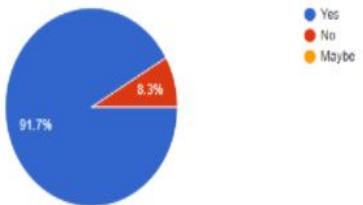




SURVEY

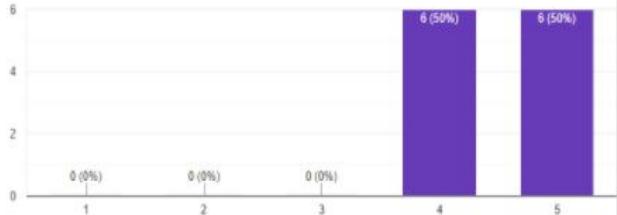
Do you prefer Online proctoring over conventional method?

12 responses



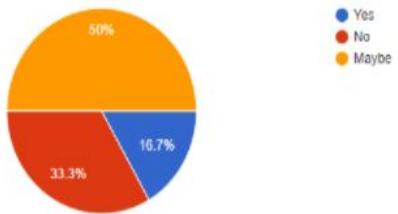
Give your rating for the website based on the innovation level

12 responses



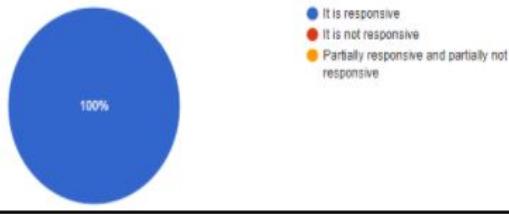
Can you cheat in a proctored exam?

12 responses



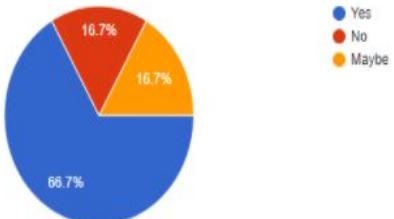
Rate about the responsiveness of the website

12 responses



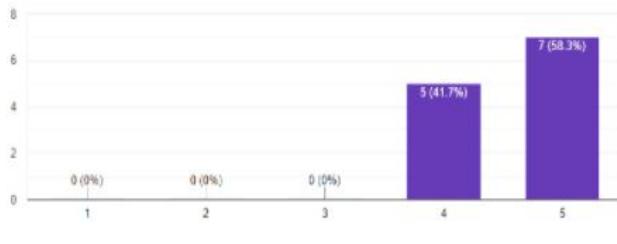
Do you think it is effective in all kinds of remote proctoring?

12 responses



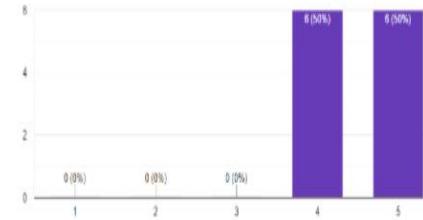
Give ratings based on the typography applied

12 responses



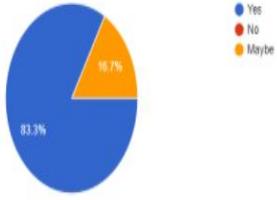
Rate the UI design of the website

12 responses



Did this meet your expectation?

12 responses



“

STORYBOARD

HOME PAGE :

EXAM PROCTORING SYSTEM

LOGIN

REGISTER

Dont have account?
Register

DEMO

REGISTER PAGE :

REGISTER

USER NAME :

PASSWORD :

CONFIRM PASSWORD:

(OR) LOGIN WITH :

PERMISSIONS / SYSTEM COMPATIBILITY PAGE :

← → C ⌂

MICROPHONE : ALLOW

CAMERA : ALLOW

NOTIFICATION: BLOCK

SCREENSHARE: ALLOW

BROWSER : CHECK

AUDIO : CHECK

VIDEO : CHECK

YOUR SYSTEM IS READY

PROCEED TO TEST

EXAM PAGE :

TIME : 21:08

Q1. HOW IS OUR PROJECT?

GOOD

EXCELLENT

AVERAGE

BAD

ANSWERED

MARKED FOR REVIEW

NEXT

FEEDBACK PAGE :

FEEDBACK

EXPERIENCE IN OUR SOFTWARE :

1 - POOR, 5 - EXCELLENT

YOUR ANSWERS ARE SAVED

THANK YOU !

LOGIN AS TEACHER :

OVERALL PERFORMANCE:

40
30
20
10

GOOD AVG BELOW AVG

STUDENT LIST

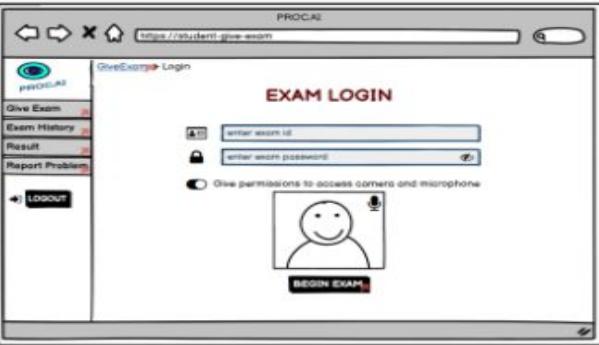
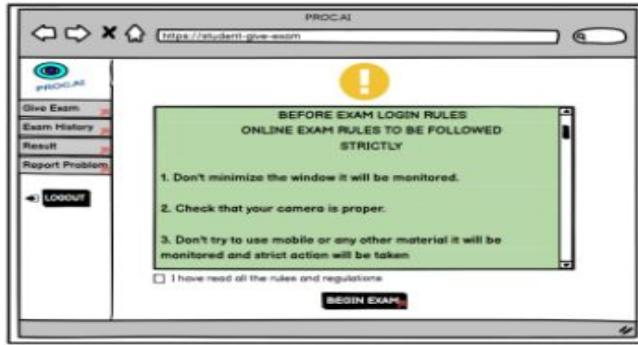
1. PRAVEEN NMP
2. PRIYA SAVITHRI B
3. SHAMYUKTA RA

INDIVIDUAL RESULTS :

NAME : PRAVEEN NMP		
S. NO	CORRECT	WRONG
1	✓	
2	✓	
3	✓	
4	✓	
5	✓	✓

“

UI INTERFACE



PROC-40

GiveExam LogIn Q1

SUBJECT: Java
TOPIC: Basics

TimeLeft: 00:09:01 Exam ID: 180720X

Question No. 1: Who is the father Java Programming Language?

James Gosling
 Bertrand Meyer
 Guido van Rossum
 Dennis Ritchie

CALC

ANSWER

NEXT

PREVIOUS

SUBMIT

PROC-40

GiveExam LogIn Q2

SUBJECT: Java
TOPIC: Basics

TimeLeft: 00:09:02 Exam ID: 180720X

Question No. 2: Whether Java a pure OOPS language?

Yes
 No

CALC

ANSWER

NEXT

PREVIOUS

PROC-40

GiveExam LogIn Q3

SUBJECT: Java
TOPIC: Basics

TimeLeft: 00:09:02 Exam ID: 180720X

Question No. 3: Do you know to code in Java?

Yes
 No

CALC

ANSWER

NEXT

PREVIOUS

SUBMIT

A Web Page

https://proc-ai.com/exam-result

PROC-40

GiveExam LogIn Basic

TimeLeft: 00:09:02 Exam ID: 180720X

STUDENT EXAM

Total No. of Questions	= 50
No. of Questions Attempted	= 48
No. of Questions Unattempted	= 2

Result

Do you want to select this result?

Home **Logout**

A Web Page

https://proc-ai.com/exam-history

PROC-40

GiveExam LogIn

EXAM HISTORY

Exam ID	Subject	Topic	Status
40	Java	Basics	<input type="checkbox"/>
38	Java	Functions	<input checked="" type="checkbox"/>
41	Python	Basics	<input type="checkbox"/>
42	OOPS	Basics	<input checked="" type="checkbox"/>

Data Grid Docs

A Web Page

https://proc-ai.com/Result

PROC-40

GiveExam LogIn

SELECT EXAM ID TO SEE YOUR RESULT

Choose your Exam-ID

SHOW RESULT



A Web Page
<https://proc.ai/Result>

YOUR RESULT !

Exam ID	Subject	Topic	Marks
40	Java	Basics	8/10

Showing 1 to 1 of 1 entries

GIVE EXAM **EXAM HISTORY** **RESULT** **REPORT PROBLEM**

A Web Page
<https://proc.ai/submit>

You've Submitted Successfully!

Summary



Total No.of Questions = >50
No.of Questions attended = >50
No.of Questions unattended = >0

THANK YOU !

GIVE EXAM **EXAM HISTORY** **RESULT** **REPORT PROBLEM**

A Web Page
<https://proc.ai/Report>

Choose problem category

Login/Register
 Date Problem
 Face verification
 Logout problem

Your message

GIVE EXAM **EXAM HISTORY** **RESULT** **REPORT PROBLEM**

PROCAI
<https://proc.ai/homepage>



Welcome to PROC.AI

Hi Teacher / Name of the Teacher

GIVE EXAM **GENERATE QUESTIONS** **UPDATE-DELETE QUESTIONS** **LIVE MONITORING** **EXAM HISTORY** **INSERT MARKS** **PUBLISH RESULT**

PROCAI
<https://proc.ai/CreateExam>

Create Exam

SUBJECT :
TOPIC :
DURATION :
EXAM DATE :
EXAM-PASSWORD :
 ENABLE CALCULATOR ENABLE NEGATIVE MARKING
PROCEDURES TYPE : HTML/HTML5/HTML5
 PDF/HTML/HTML5
 EXCEL/CSV/JSON

GIVE EXAM **GENERATE QUESTIONS** **UPDATE-DELETE QUESTIONS** **LIVE MONITORING** **EXAM HISTORY** **INSERT MARKS** **PUBLISH RESULT**

A Web Page
<https://proc.ai/generateExam>

GENERATE Q&A

Choose question category
 Objective
 Subjective
 Objective

No.of questions :

Generate Q&A

QUESTION TYPE
What is the father of god?
Or just in pure COPS language?
Yes

Showing 1 to 2 of 2 entries

GIVE EXAM **GENERATE QUESTIONS** **UPDATE-DELETE QUESTIONS** **LIVE MONITORING** **EXAM HISTORY** **INSERT MARKS** **PUBLISH RESULT**



A Web Page
<https://pnmc.ac/Demarc-exam>

Choose Subject:
Java
OOPS

Q&A generated:
QUESTION:
Who is the father of Java?
ANSWER:
James Gosling
In Java pure OOPS language
Showing 2 to 3 of 5 entries

DONE

Logout

A Web Page
<https://pnmc.ac/live-monitoring>

VIEW LIVE OF STUDENTS

Choose Exam ID: 16BIT00X

Logout

A Web Page
<https://pnmc.ac/live-monitoring>

LIVE MONITORING OF EXAM ID 16BIT00X

Show Student's Log

Logout

A Web Page
<https://pnmc.ac/insertmarks>

Choose Exam ID: 16BIT00X

VIEW & INSERT MARKS

Logout

A Web Page
<https://pnmc.ac/students-log>

TOTAL LOGS : 96

WINDOW EVENTS : 2

MOBILE DETECTOR : 0

MULTI PERSON DETECTOR : 0

AUDIO MONITOR [VIEW](#)

Logout

A Web Page
<https://pnmc.ac/audio-log>

STUDENT'S AUDIO LOG : 16BIT00X

LOG OBTAINED:

ID	NAME	TYPE	TIME
1	16BIT00X	Normal	2020-07-17 11:00:00
2	16BIT00X	Normal	2020-07-17 11:00:00
3	16BIT00X	Normal	2020-07-17 11:00:00
4	16BIT00X	Normal	2020-07-17 11:00:00
5	16BIT00X	Normal	2020-07-17 11:00:00
6	16BIT00X	Normal	2020-07-17 11:00:00
7	16BIT00X	Normal	2020-07-17 11:00:00
8	16BIT00X	Normal	2020-07-17 11:00:00
9	16BIT00X	Normal	2020-07-17 11:00:00
10	16BIT00X	Normal	2020-07-17 11:00:00
11	16BIT00X	Normal	2020-07-17 11:00:00
12	16BIT00X	Normal	2020-07-17 11:00:00
13	16BIT00X	Normal	2020-07-17 11:00:00
14	16BIT00X	Normal	2020-07-17 11:00:00
15	16BIT00X	Normal	2020-07-17 11:00:00
16	16BIT00X	Normal	2020-07-17 11:00:00
17	16BIT00X	Normal	2020-07-17 11:00:00
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20	16BIT00X	Normal	2020-07-17 11:00:00
21	16BIT00X	Normal	2020-07-17 11:00:00
22	16BIT00X	Normal	2020-07-17 11:00:00
23	16BIT00X	Normal	2020-07-17 11:00:00
24	16BIT00X	Normal	2020-07-17 11:00:00
25	16BIT00X	Normal	2020-07-17 11:00:00
26	16BIT00X	Normal	2020-07-17 11:00:00
27	16BIT00X	Normal	2020-07-17 11:00:00
28	16BIT00X	Normal	2020-07-17 11:00:00
29	16BIT00X	Normal	2020-07-17 11:00:00
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49	16BIT00X	Normal	2020-07-17 11:00:00
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93	16BIT00X	Normal	2020-07-17 11:00:00
94	16BIT00X	Normal	2020-07-17 11:00:00
95	16BIT00X	Normal	2020-07-17 11:00:00
96	16BIT00X	Normal	2020-07-17 11:00:00
97	16BIT00X	Normal	2020-07-17 11:00:00
98	16BIT00X	Normal	2020-07-17 11:00:00
99	16BIT00X	Normal	2020-07-17 11:00:00
100	16BIT00X	Normal	2020-07-17 11:00:00

PAGE

Logout





WEBSITE



MyProctor.AI

Remote Proctoring System

DETER. DETECT. PREVENT.

Kidn Security Done Right!

Sign Up now to start your first online examination.

 Sign Up as Student  Sign Up as Teacher

Copyright © HC_11 TC_2021

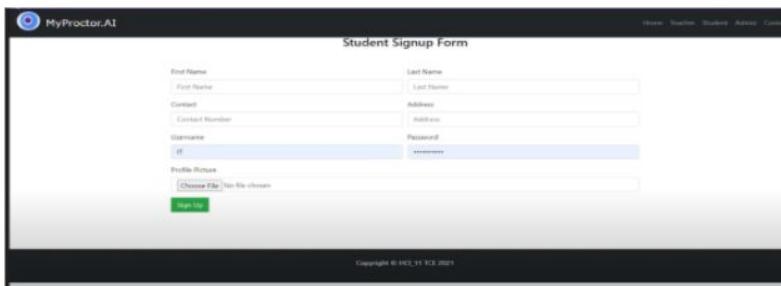
MyProctor.AI

Priya (Teacher)

- Dashboard
- Manage Courses
- Manage Questions

Registered Students 3 Total Courses 1 Total Questions 2

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Student Signup Form

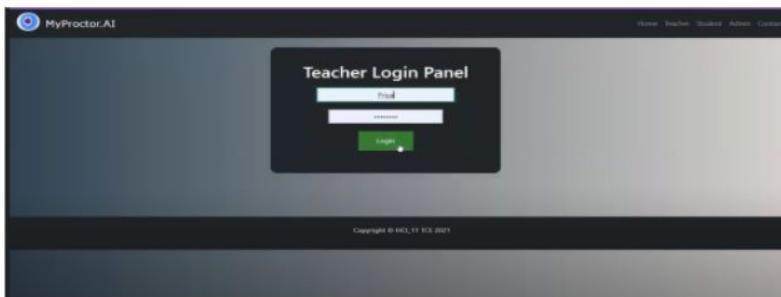
First Name Last Name
First Name Last Name
Contact Address
Contact Number Email
Username Password
Profile Picture Choose File... Non-file chosen


Copyright © HC_11 TC_2021



Add Question

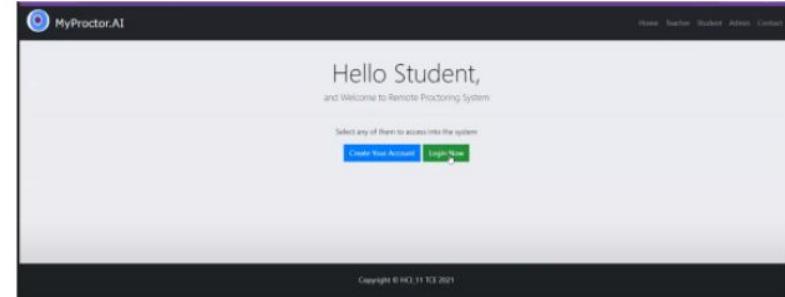
Course Question
Question
Marks Option 1
Option 2
Option 3
Option 4
Correct Answer



Teacher Login Panel

Email Password 

Copyright © HC_11 TC_2021



Hello Student,
and Welcome to Remote Proctoring System

Select any of them to access into the system

 Create New Account  Log In

Copyright © HC_11 TC_2021

MyProctor.AI

Praveen (Student)

Dashboard

Communication

My Marks

Available Exams 1 Total Questions 2

Copyright © HQ, 11/12/2021

This screenshot shows the student dashboard of MyProctor.AI. It features a dark header with the platform name and user information. Below the header, there are four main sections: 'Available Exams' (1), 'Total Questions' (2), and two other sections that are partially visible. At the bottom, a copyright notice is displayed.

MYPROCTOR.AI

Admin

Dashboard

Create Section

Student Section

Manage Classes

Manage Questions

Registered Students 3 Total Teachers 2 Total Courses 1 Available Questions 2

Copyright © HQ, 11/12/2021

This screenshot shows the administrator dashboard. It includes a sidebar with navigation options like 'Admin', 'Dashboard', 'Create Section', 'Student Section', 'Manage Classes', and 'Manage Questions'. Below the sidebar, there are four summary cards: 'Registered Students' (3), 'Total Teachers' (2), 'Total Courses' (1), and 'Available Questions' (2). A copyright notice is at the bottom.

MyProctor.AI

Praveen (Student)

Dashboard

Communication

My Marks

Course: Java

1. Who is the founder of Java?

Charles Babbage

Dennis Ritchie

James Gosling

Van der Reeman

(0 Marks)

2. Do you like the exam?

Yes

No

May be

May not be

Submit Answer

This screenshot shows a student taking an exam titled 'Java'. It contains two questions. Question 1 asks about the founder of Java, with options: Charles Babbage, Dennis Ritchie, James Gosling, and Van der Reeman. Question 2 asks if the student likes the exam, with options: Yes, No, May be, and May not be. A green 'Submit Answer' button is at the bottom.

MYPROCTOR.AI

Add Course

Course Name: Computer Application Programming

Total Students: 100

Total Marks: 100

Category: ABC

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This screenshot shows the 'Add Course' page. It has a sidebar with 'Admin' and 'Manage Classes' selected. The main area shows fields for 'Course Name' (Computer Application Programming), 'Total Students' (100), and 'Total Marks' (100). A 'Category' dropdown is set to 'ABC'. A green 'Add' button is at the bottom right. A copyright notice is at the bottom.

MyProctor.AI

Praveen (Student)

Dashboard

Communication

My Marks

My Marks

Course	Total Marks	Number of Attempts	Exam Date
Java	100	attempt 1	Java 20-09-2021 10:00 AM
Java	100	attempt 2	Java 20-09-2021 10:00 AM
Java	100	attempt 3	Java 20-09-2021 10:00 AM
Java	100	attempt 4	Java 20-09-2021 10:00 AM
Java	100	attempt 5	Java 20-09-2021 10:00 AM
Java	100	attempt 6	Java 20-09-2021 10:00 AM
Java	100	attempt 7	Java 20-09-2021 10:00 AM

This screenshot shows the 'My Marks' section of the administrator dashboard. It displays a table of student marks across different courses. The columns are 'Course', 'Total Marks', 'Number of Attempts', and 'Exam Date'. Each row represents a student attempt for a specific course and date.

MYPROCTOR.AI

Admin

Dashboard

Create Section

Student Section

Manage Classes

Manage Questions

Questions	Marks	Action
Who is the founder of Java?	1	
Do you like the exam?	1	

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This screenshot shows the 'Manage Questions' section. It lists two exam questions with their respective marks (1) and edit icons. The sidebar on the left includes 'Admin', 'Dashboard', 'Create Section', 'Student Section', 'Manage Classes', and 'Manage Questions'.



SUMMARY

- **Online Proctoring** is the “ **Need of the hour**”. Technology is meant to be embraced, and only when it is embraced will we see innovation in spades.
- Online Test Proctoring is a new trend in the education system that has opened doors to many possibilities in the online assessment sector.
- For the education industry, it is a boom and one needs to adapt the ease of this technology to keep the integrity and credibility of the online exam, which has now become a “new standard” concept since the lockdown.





Thankyou !!!