

# Skill Agent

By



# About Skill Agent

## What is Skill Agent?

- Skill Agent is a smart skill-building platform focused on industry-relevant academic subjects. It helps students improve their technical skills, communication, problem-solving, and critical thinking through regular assessments, actionable feedback, and progress tracking.

## Benefits to the students.

- ✓ **Enhances placement readiness** by aligning skills with industry expectations.
- ✓ **Identifies strengths and gaps** to guide targeted preparation.
- ✓ **Tracks consistent progress** to keep you motivated and on the right path.
- ✓ **Boosts interview confidence** through regular mock sessions and real-time feedback.
- ✓ **Improves communication and technical clarity** with focused skill assessments.

# Assessment Guidelines: Stay Focused, Stay Clear

- This assessment will be conducted through audio-visual means to evaluate individual ability.
- It requires your full attention and is not suitable for multitasking.
- Screen movements or background disturbances may affect the outcome.
- Such issues may lead to the assessment being flagged.
- If flagged, you may be required to repeat the test.

# Browser and Device Compatibilities

- **Device:** Laptop/Desktop with working webcam and microphone
  - (Mobile devices are not supported – avoid using phones or tablets)
- **Browser:** Latest version of Google Chrome
  - (Do not use other browsers; ensure mic & camera permissions are allowed)
- **Internet:** Minimum 8 Mbps stable connection
  - (Avoid mobile hotspots or unstable networks)
- **Microphone:** Clear audio, preferably wired
  - (Avoid using Bluetooth headsets or low-quality microphones)
- **Camera:** Good quality webcam with proper lighting
  - (Avoid dim lighting or unclear face visibility)

# Step In: Begin Your Learning Journey



The image shows a login form titled "Login to Skill Agent". At the top is a blue logo consisting of a stylized 'N' with an upward-pointing arrow. Below the logo is the title "Login to Skill Agent" and a subtitle "Enter your email below to login to your account". The form has two input fields: "Email" with the value "testuser5@test.com" and "Password" with masked characters "\*\*\*\*\*". A blue "Login" button is at the bottom, highlighted with a red rectangular border.

Enter the Credentials shared to you by your management here in this page and Click **“Login”**.

Login Page

# Complete Your Profile to Get Started

Step -1 : Enter your **Personal Details** and click “Continue”

Step 1/4

### Personal Details

First name

Last name

Gender

Date of birth

Phone number

Capture Avatar

Please capture your photo to proceed. This can only be done once and will be used as your profile avatar.

Step -2 : Enter your **Institution Details** and click “Continue”.

Step 2/4

### Institution Details

Your Email

This field is not editable

Alternate Email

This field is optional

Institute name

Degree

Department

Specialization

Roll number

Joining Year

State

Country

Current academic year

Current semester

# Continuation...

Step - 3 : Enter your **Academic Details** and if you **have written any competitive exam** tick the box given and fill the details and click **“Continue”**.

Step 3/4

### Academic Details

10th Standard

10th Board

Eg: ICSE, CBSE, SSC

Score Type      10th percentage

Percentage      Your percentage

12th Standard

12th Board

Eg: ICSE, CBSE, SSC

Score Type      12th Percentage

Percentage      Your percentage

☐ Have you appeared for any competitive exams?

Continue

Step - 4 : Please update the password following the criteria as given and click **“Submit”**.

Step 4/4

### Update Password

**Password criteria**

1. Password should be in between 8 to 12 characters.
2. Password should contain at least one uppercase letter.
3. Password should contain at least one lowercase letter.
4. Password should contain at least one number.

Password

Secret password

Confirm password

Secret password

Submit

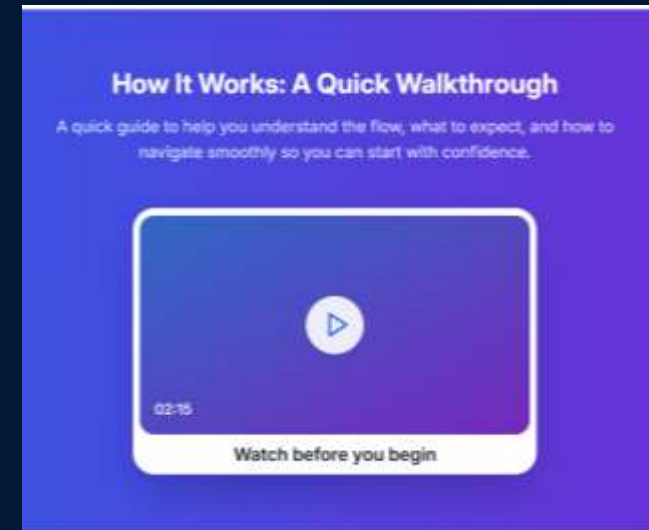
# Start by Understanding Your Strengths...



Step 1 : Read through the Information showed



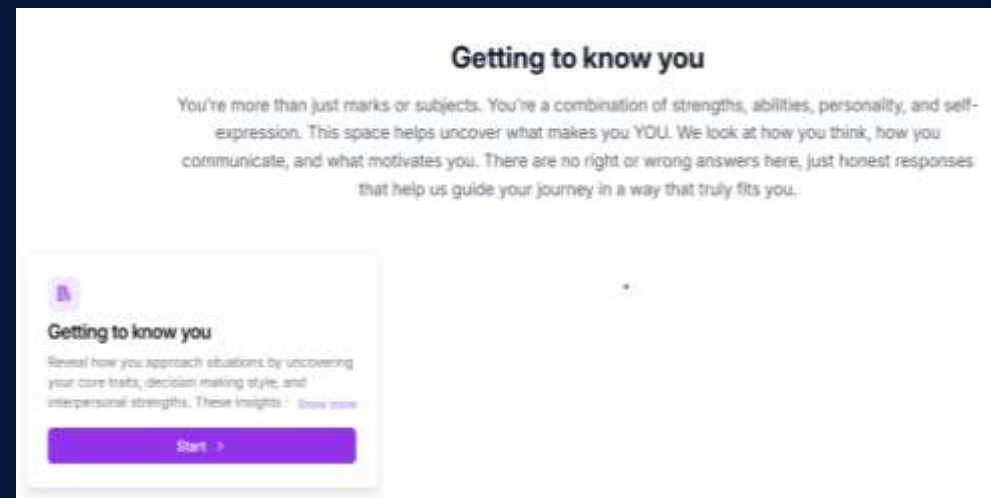
Step 2 : See the walk through video on how to navigate through the assessment



Step 3 : First let us get to know you. Take this small survey before diving into technical



Step 4 : You can then proceed to take subject readiness tests.

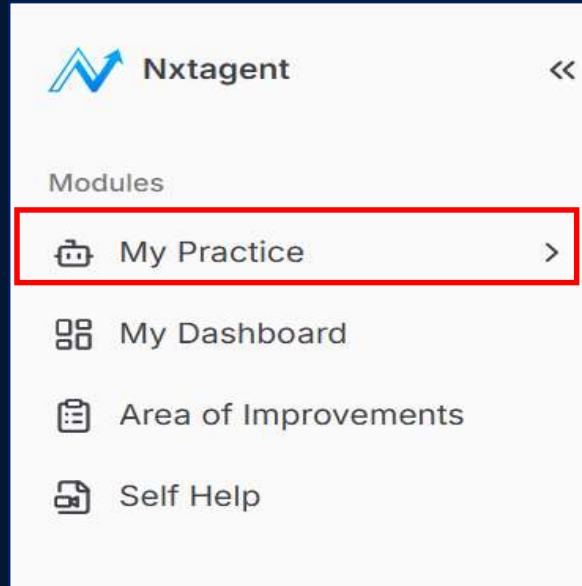


Note: Feel free to these assessment in any order as per your preference.

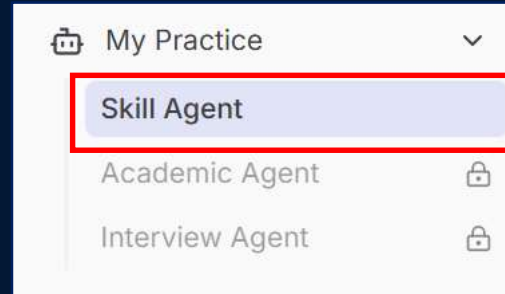


# Explore and Choose What You Want to Learn

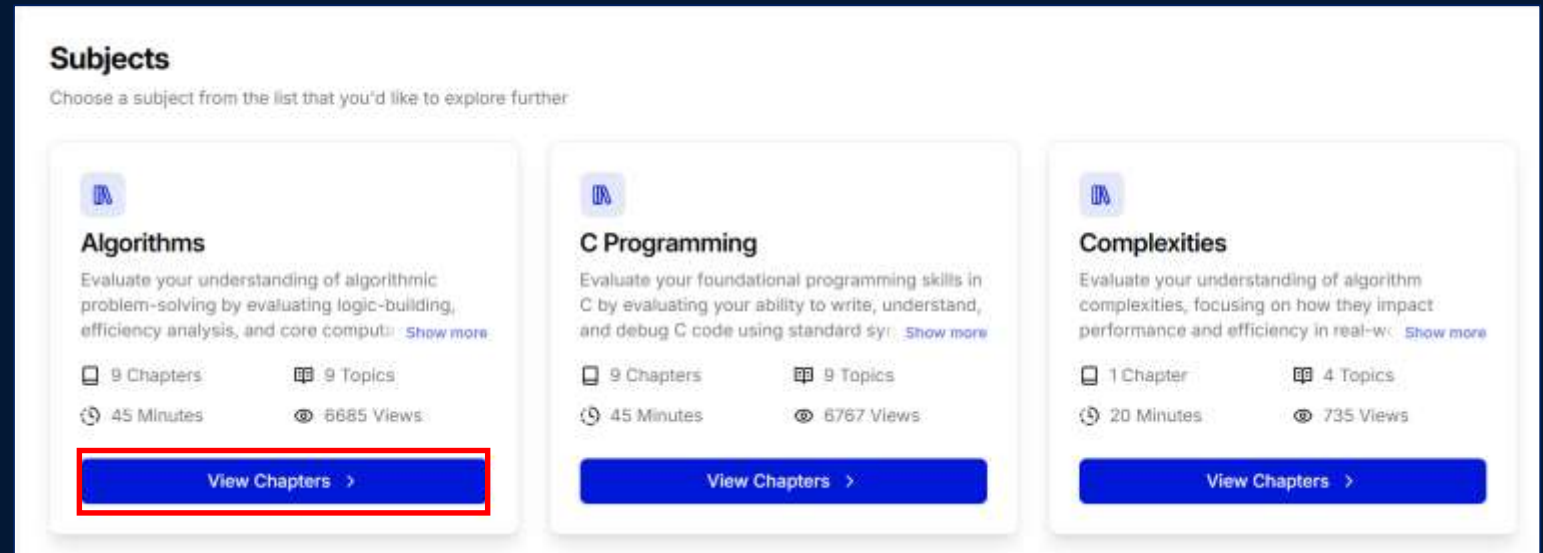
Step -1 : Click on “My Practice” to select the agents.



Step -2 : Click on “Skill Agent” for subjects.

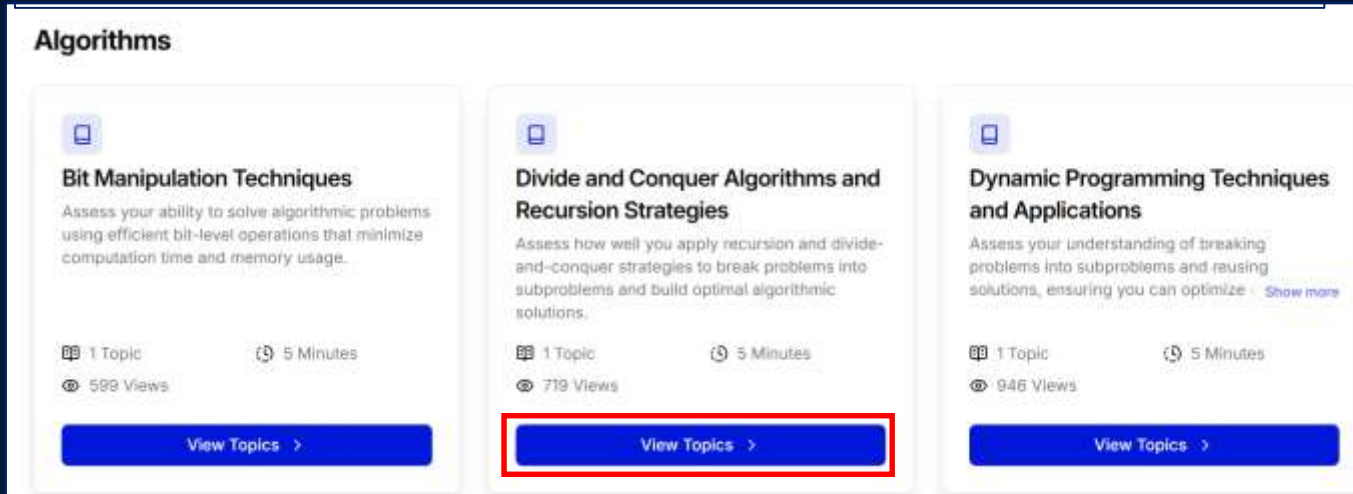


Step -3 : Here you will identify the subjects as per your academics. To see the chapters inside the subjects. Click on “View Chapters”.




# From Topic to Test: Start Your Skill Practice

Step -4: Inside the Subject you will find the list of chapters. Identify the Chapter of your preference and Click **“View Topic”** to explore the chapter.



**Algorithms**




### Bit Manipulation Techniques

Assess your ability to solve algorithmic problems using efficient bit-level operations that minimize computation time and memory usage.

1 Topic 5 Minutes  
588 Views

[View Topics >](#)




### Divide and Conquer Algorithms and Recursion Strategies

Assess how well you apply recursion and divide-and-conquer strategies to break problems into subproblems and build optimal algorithmic solutions.

1 Topic 5 Minutes  
719 Views

[View Topics >](#)



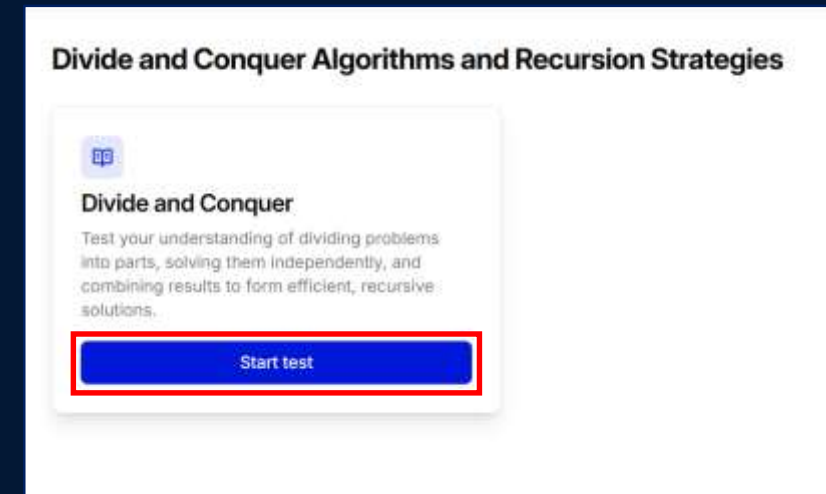
### Dynamic Programming Techniques and Applications

Assess your understanding of breaking problems into subproblems and reusing solutions, ensuring you can optimize. [Show more](#)


1 Topic 5 Minutes  
946 Views

[View Topics >](#)

Step -5: Inside the Topic you will find the list of Assessments. Click **“Start Test”** to start your practice.



## Divide and Conquer Algorithms and Recursion Strategies



### Divide and Conquer

Test your understanding of dividing problems into parts, solving them independently, and combining results to form efficient, recursive solutions.

[Start test](#)

# Know the Rules Before You Begin

## Before starting the assessment

### ✓ Do

- Test your microphone by recording a short audio clip to ensure clear audio quality.
- Use earphones or headphones to minimize background noise and improve voice clarity.
- Choose a quiet, well-lit space where you won't be disturbed during the assessment.
- Capture an image of yourself to verify your identity.
- Ensure your face is clearly visible by sitting in a properly lit area (avoid backlighting).

### ✗ Don't

- Don't start the test in a noisy environment (e.g., cafes, crowded rooms).
- Avoid dim or harsh lighting—it may affect facial recognition or proctoring.

Step-1 : After entering into the Assessment, you will find the instructions to follow before and during the test. You have to go through them thoroughly. After reading the instructions. Click **“Proceed to Checklist”** to proceed to next steps.

## During the assessment

### ✓ Do

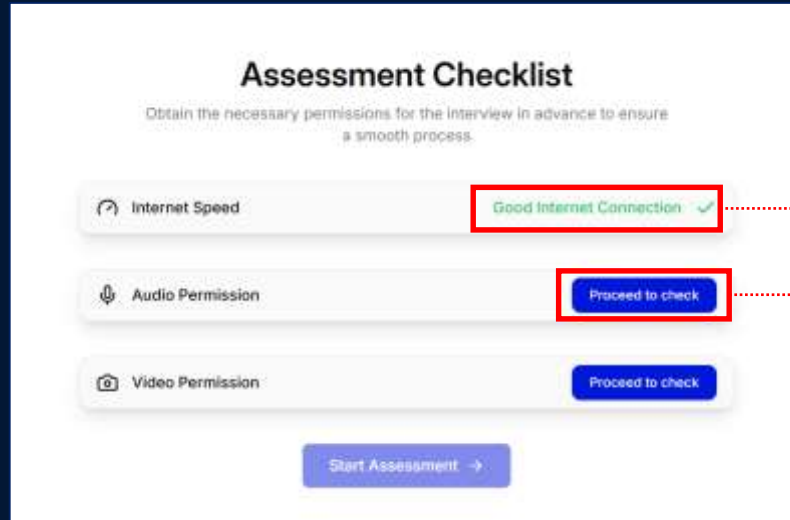
- Stay within the camera frame at all times to avoid disqualification.
- Listen carefully—questions will be read aloud, even if displayed on screen.
- Manage your time wisely—each question has a strict time limit.
- Maintain academic integrity—the test is proctored; any cheating will be flagged.
- Ensure you have a stable and uninterrupted internet connection during the assessment, as a low connection may result in inaccurate report generation.

### ✗ Don't

- Don't leave the camera's view during the assessment.
- Avoid external help—using notes, phones, or assistance from others is prohibited.
- Don't rush carelessly—balance speed with accuracy when answering.

[Proceed to Checklist →](#)

# System Check: Set Yourself Up for Success

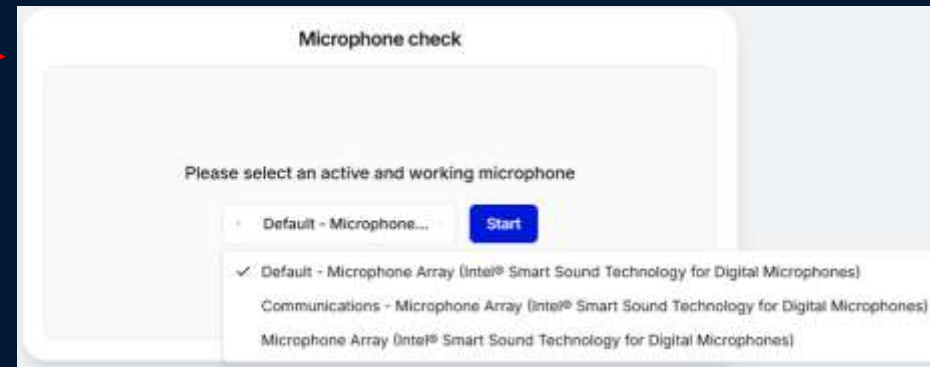


**Assessment Checklist**  
Obtain the necessary permissions for the interview in advance to ensure a smooth process.

- Internet Speed: **Good Internet Connection** ✓
- Audio Permission: **Proceed to check**
- Video Permission: **Proceed to check**

**Start Assessment** →

In Internet Speed make sure you are having good and unstable internet connection till you submit the assessment. You won't be allowed to start the test until your system shows **"Good Internet Connection"** to get you must have an internet speed of **"8Mega bits per sec"**



**Microphone check**

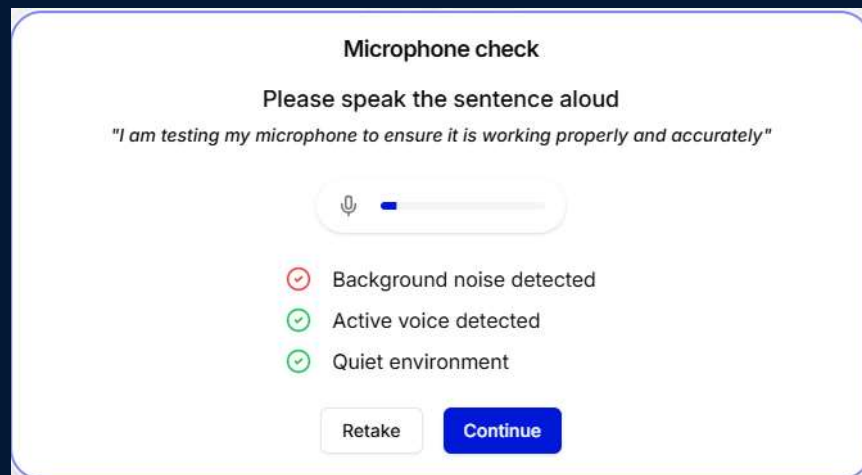
Please select an active and working microphone

- Default - Microphone...
- ✓ Default - Microphone Array (Intel® Smart Sound Technology for Digital Microphones)
- Communications - Microphone Array (Intel® Smart Sound Technology for Digital Microphones)
- Microphone Array (Intel® Smart Sound Technology for Digital Microphones)

**Start**

In Audio Permission make sure your system browser's Microphone permission is enabled and Select your microphone device and click **"Start"** to start recording.

Once your recorded audio is validated and approved by the system—ensuring clear voice detection and minimal background noise—click **"Continue"** to proceed.  
If issues are detected, such as background noise or unclear speech, please click **"Retake"** and try again in a quieter environment.



**Microphone check**

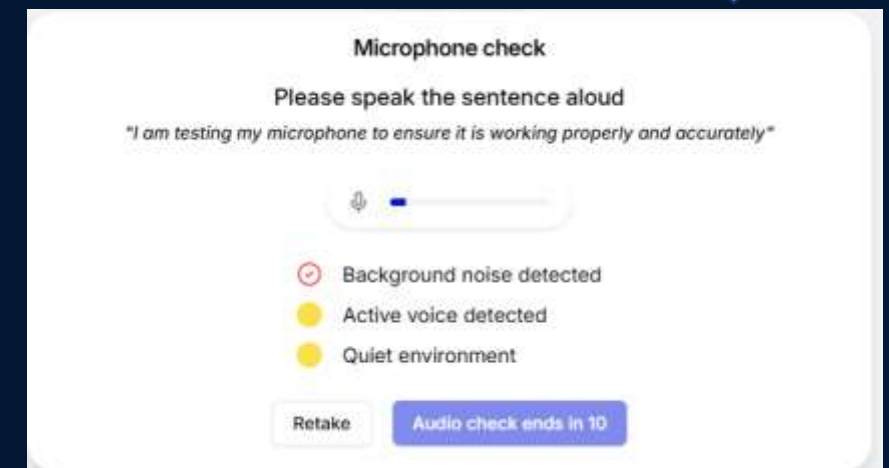
Please speak the sentence aloud  
*"I am testing my microphone to ensure it is working properly and accurately"*

Background noise detected

Active voice detected

Quiet environment

**Retake** **Continue**



**Microphone check**

Please speak the sentence aloud  
*"I am testing my microphone to ensure it is working properly and accurately"*

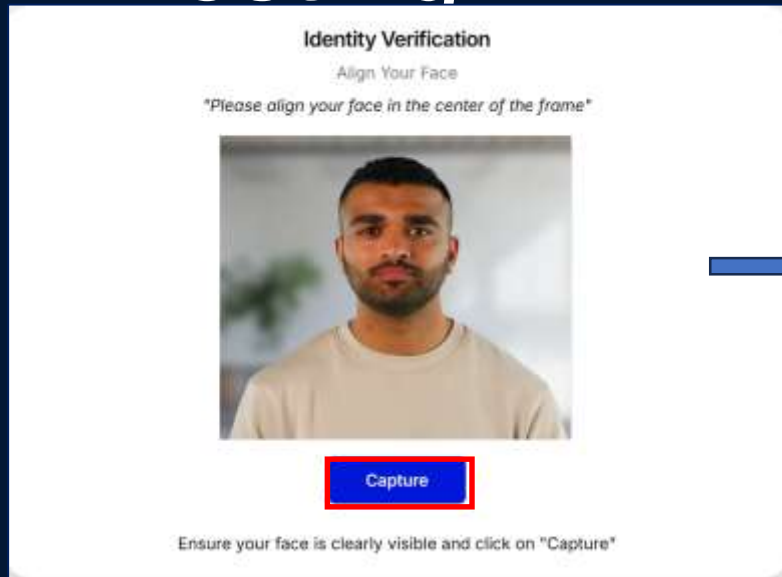
Background noise detected

Active voice detected

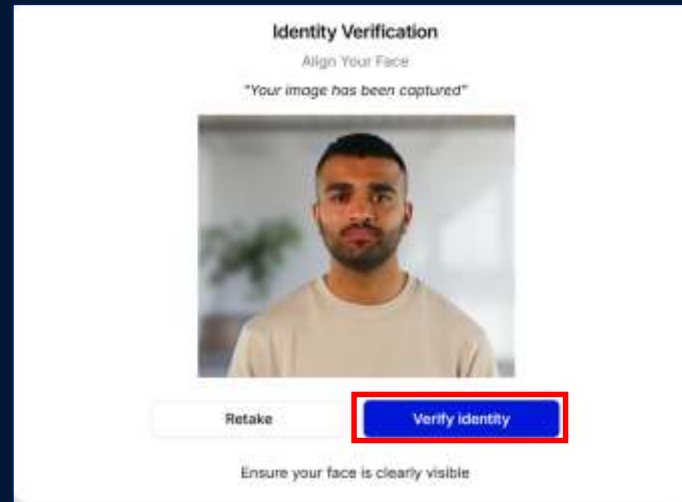
Quiet environment

**Retake** **Audio check ends in 10**

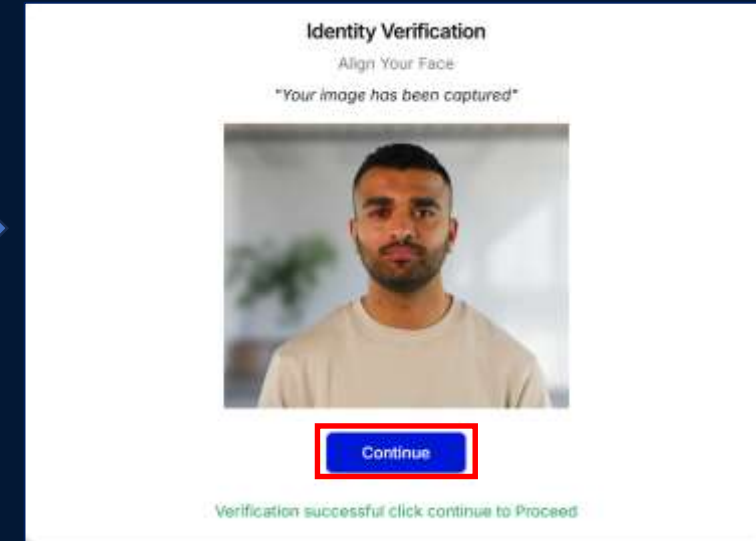
# Show Yourself: Identity Check for Secure Testing



In Identity Verification, please ensure your face is **centered within the frame** and **clearly visible** to the camera. Then, click "**Capture**."



After you click "**Capture**," if you're satisfied with the image, click "**Verify Identity**." Otherwise, click "**Retake**" to capture a clearer picture.




Once you clicked "**Verify Identity**" the system verifies with your profile image for validation if approved you will get a message "**Verification successful click continue to Proceed**" if no face is detected or the image is not clear "**No face detected in the captured image. Please retake the photo and ensure your face is clearly visible.**"


# All Set? Let the Test Begin

## Assessment Checklist


Obtain the necessary permissions for the interview in advance to ensure a smooth process.

 Internet Speed

Good Internet Connection ✓

 Audio Permission

✓

 Video Permission

✓

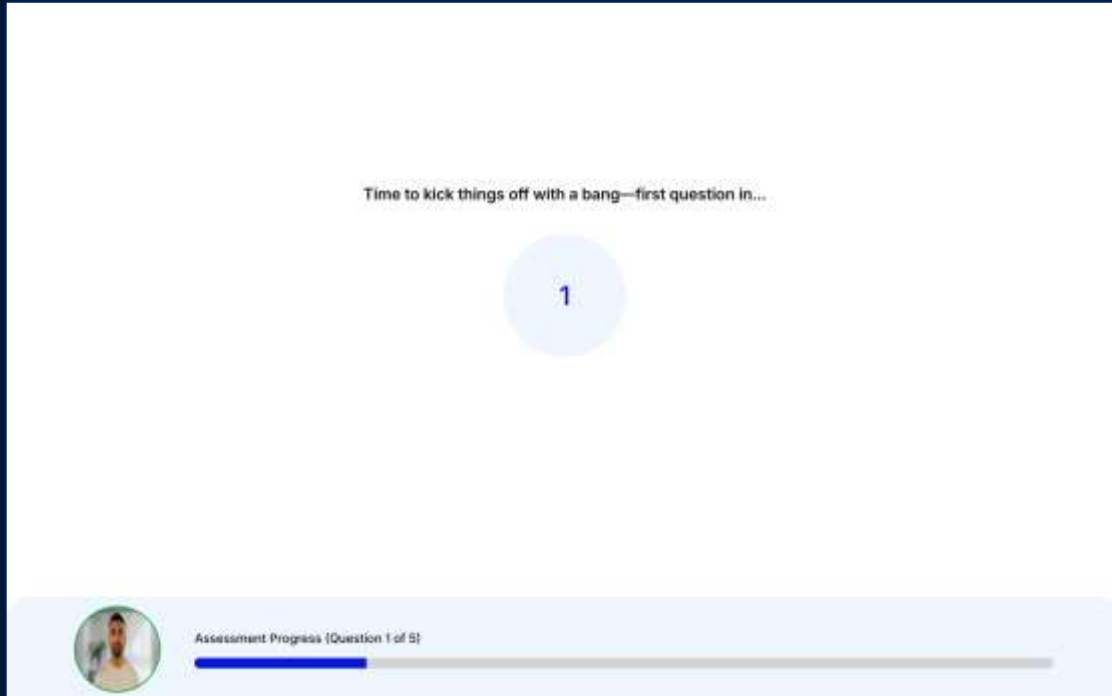
Every checklist has been completed. Click below to proceed with the test

Start Assessment →

Once all checklist items are approved, you're ready to start. Click "**Start Assessment**" to begin the test.



# Get Ready: Your Test Begins with a Countdown

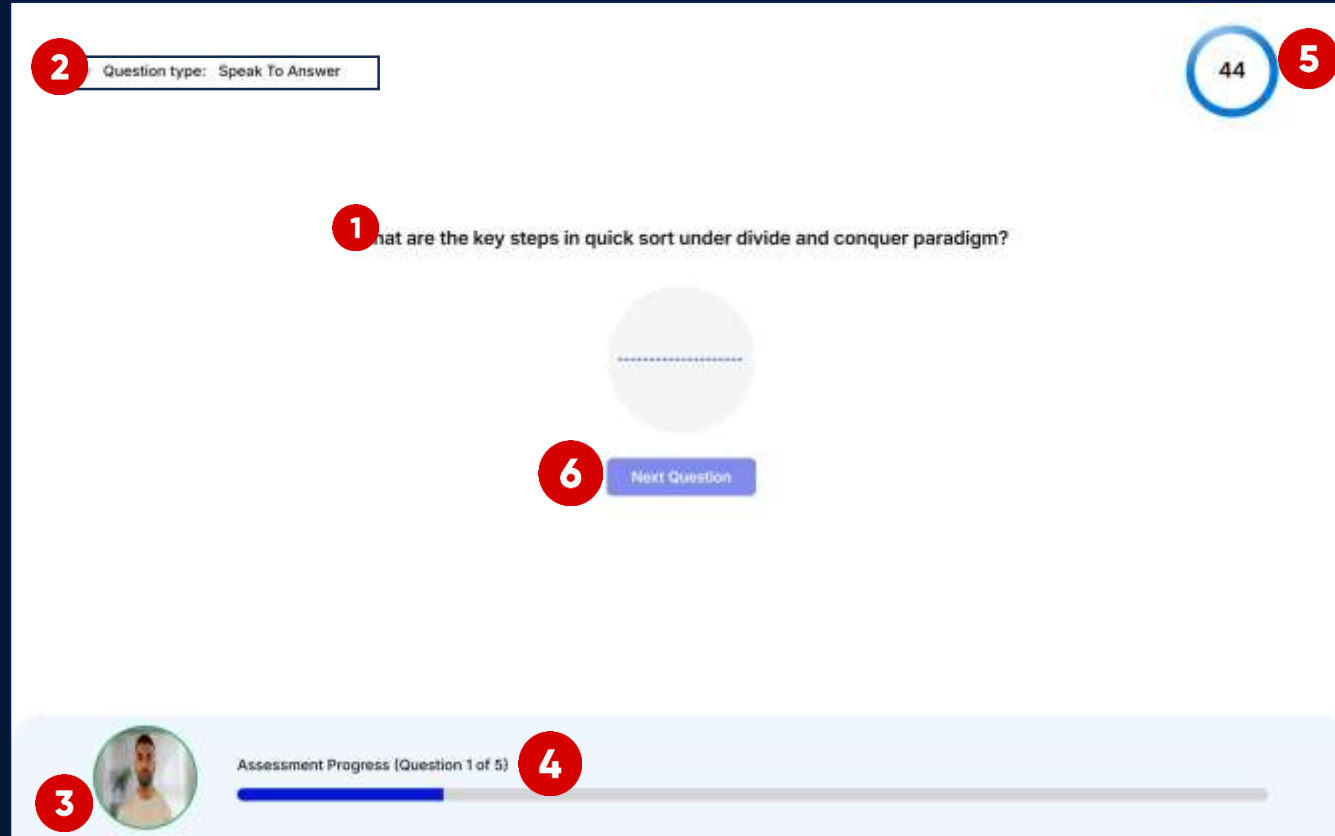


Once you click "**Start Assessment**," a **5-second timer** will begin, allowing you to prepare for the upcoming question.



After the timer, the system will **read the question aloud**. Once the audio is complete, the same **question will also be shown on screen** for you to answer.

# Understand the Question Screen Before You Answer



1

Question will display on the screen.

2

Question Type : Format (in this case it is Speak to Answer).

3

Your live camera will appear here. A green circle means you're in frame; a red circle indicates you're out of frame and may trigger a warning.

4

Your number of question's answer progress bar.

5

Timer for each question. Once time runs out, you will be redirected to the next question.

6

Once you are done answering the question. Click on "Next Questions" and this will be enabled only after 10sec into the question.



# Avoid Common Errors: Test Smart



## Tab switching/leaving fullscreen

You left the assessment. Please return immediately.

**Error 1:** This error will be shown when the user attempts to navigate away from the test screen or access other applications during the test.



## Multiple faces detected

Multiple faces detected. Only you should be visible.

**Error 2:** This error will be shown when the system detects a face other than the candidate's or more than one face. No other person is permitted to interrupt during the test.



## Face not detected

Face not visible. Please position yourself properly.

**Error 3:** This error is shown when the system is unable to detect the candidate's face. To avoid this, ensure your face is well-lit and clear for the system to recognize.

## Time's Up!

The time limit for this question has ended. Your response has been automatically saved. Click 'Continue' to proceed to the next question

Continue

**Error 4:** This error will be shown if the user does not submit an answer before the timer completes. Therefore, ensure you answer the question within the allotted time.

## Full screen mode warning

You've exited full-screen mode. To continue the test, please enter into full screen.

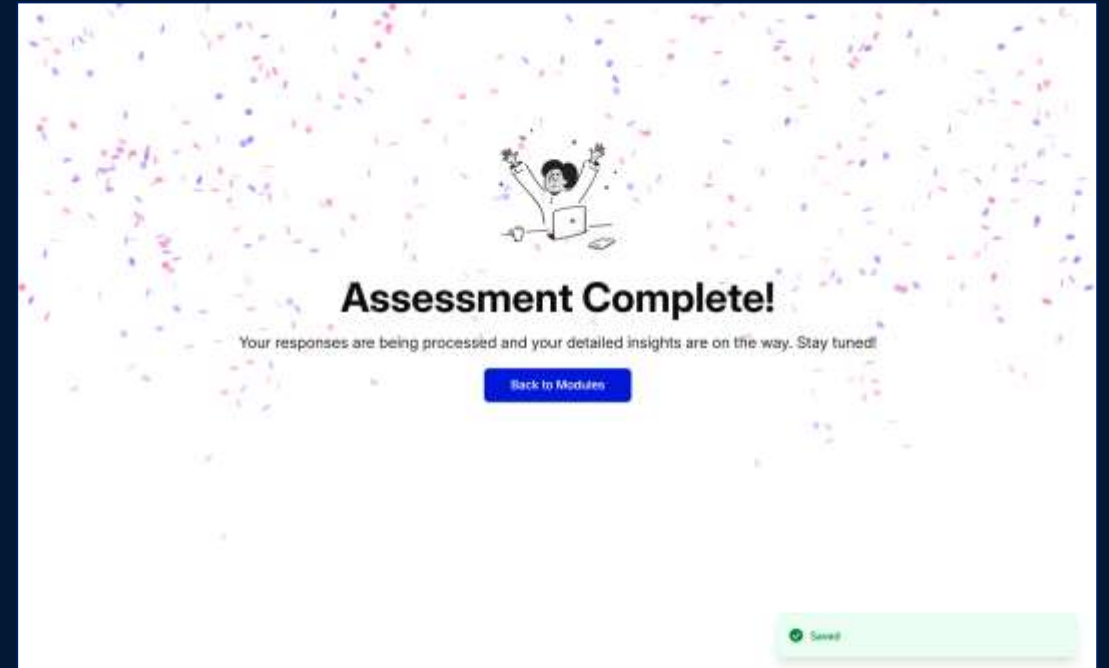
Enter full screen

**Error 5:** This error will be shown if the user attempts to navigate away from the assessment screen, even by minimizing it.

# You're Done! Submit and Reflect

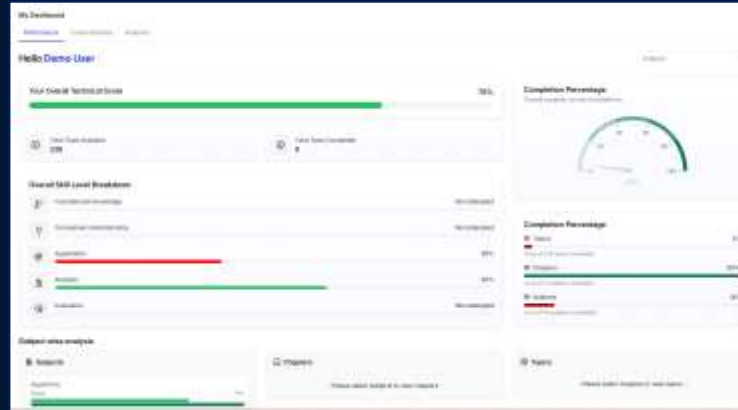
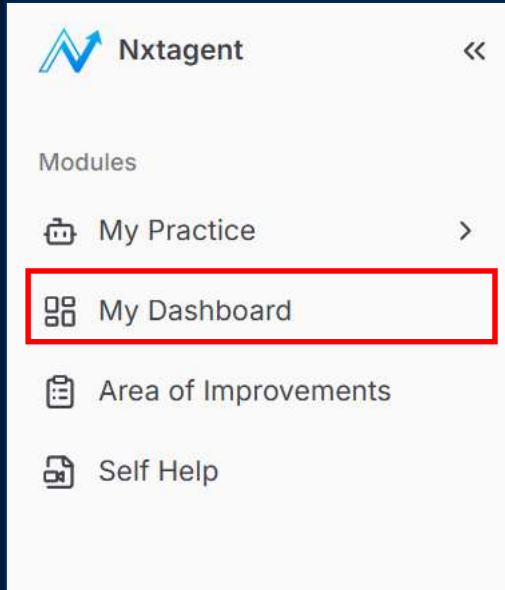


Once you have finished answering all the questions, click '**Submit Assessment**' to end your test.



Once you click "**Submit Assessment**," you'll see the "**Assessment Complete**" screen. To go back to the **Topics** screen, click "**Back to Modules**."

# Your Progress at a Glance



Performance Dashboard



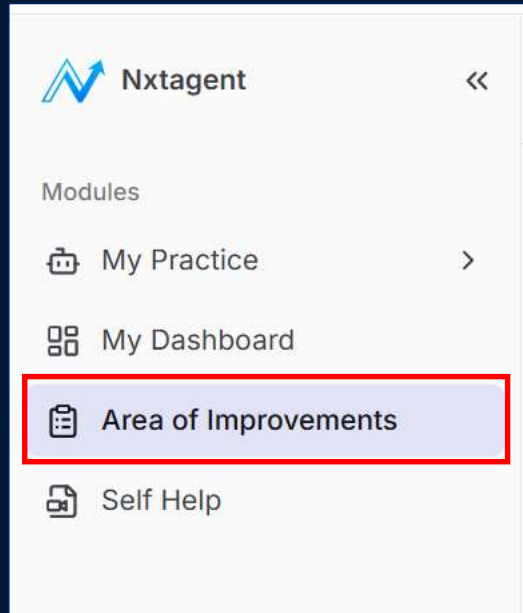
Analytics Dashboard



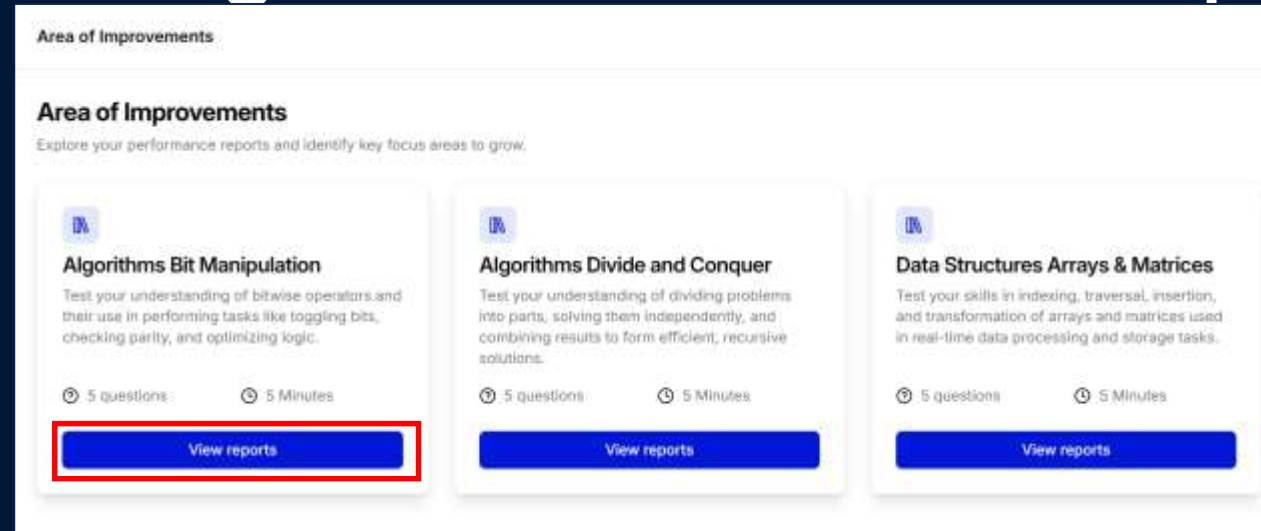
Communication Dashboard

To **view** the dashboard, click '**My Dashboard**' from the left menu pane.

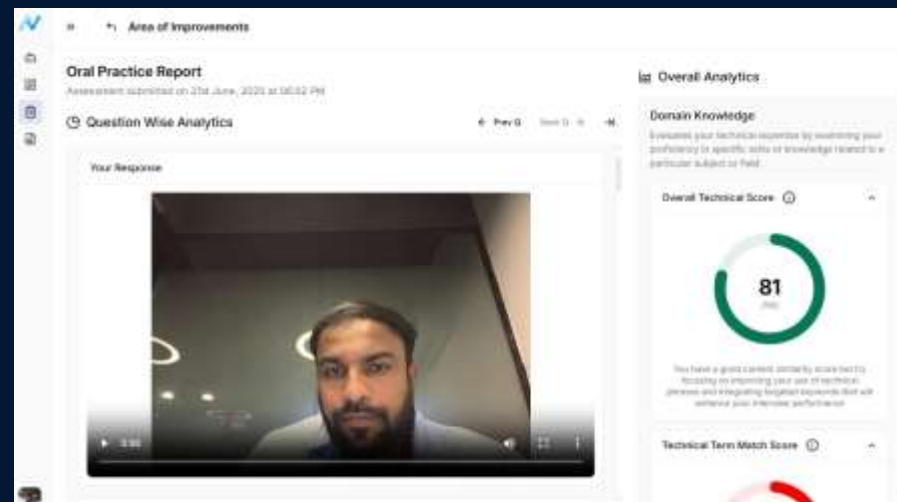
# Explore Your Strengths and Areas to Improve



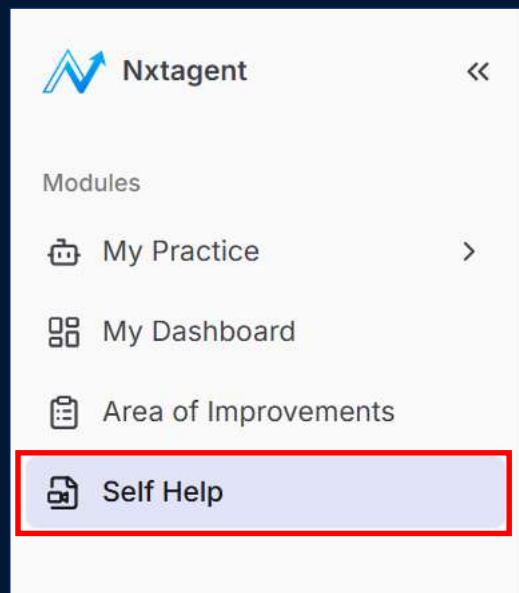
To navigate to the reports page, click "Area of Improvements."



To see the report, click "View Report."

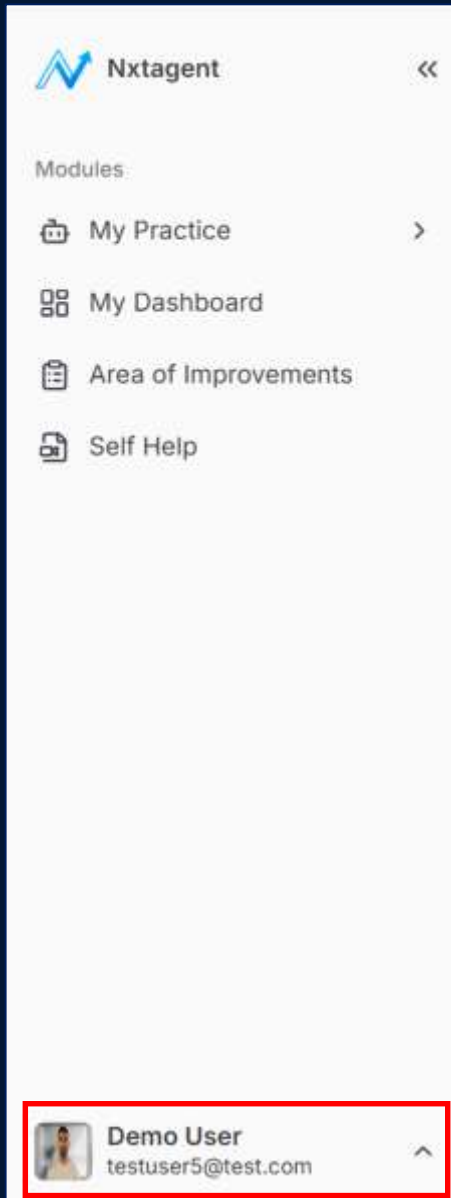


# Help Yourself: Tutorials and Tips Anytime

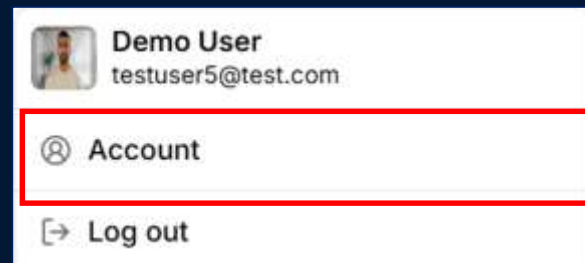
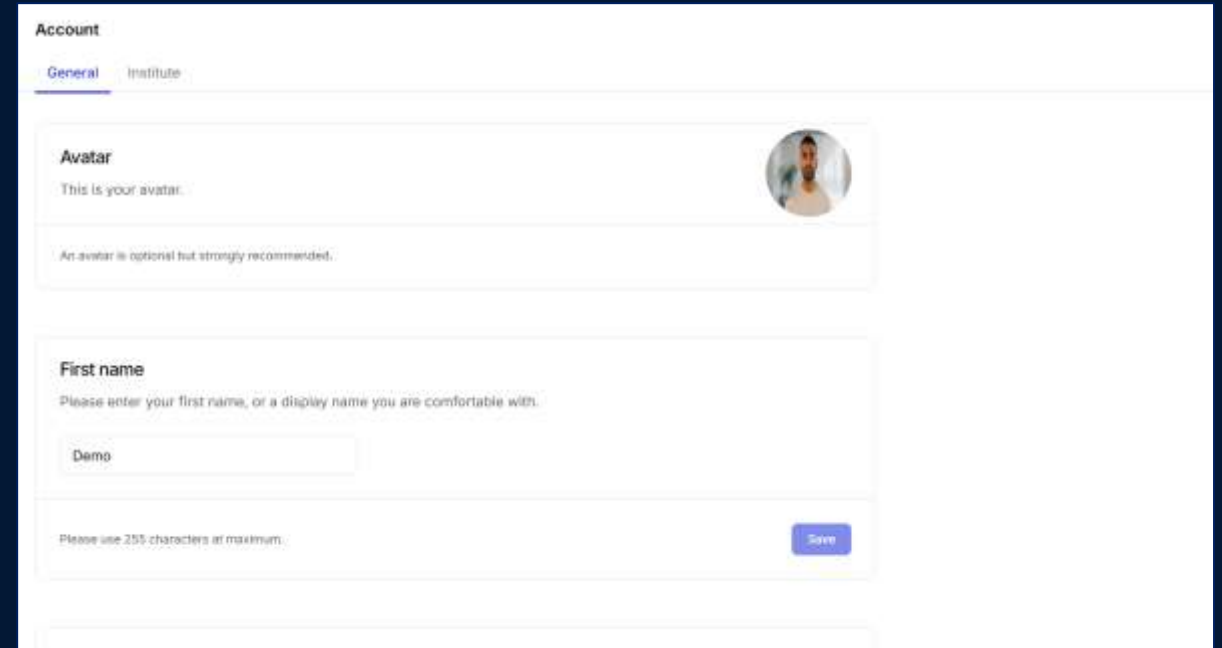


To access tutorials on how to use the tool and how to interpret the report, click "**Self Help.**"

# Keep Your Profile Updated



To view or edit your account details, follow these steps.



# Easy and exciting- Own your journey!

- The registration process is a one-time activity and takes only a few minutes—*quick and hassle-free*.
- Save or bookmark the link in your browser to access the platform faster in future sessions.
- This platform is designed to reward consistent effort—***last-minute preparation won't help. To see real improvement, you need to be disciplined and prepare regularly.***
- Support- [support@nxtagent.ai](mailto:support@nxtagent.ai)
- phone number :9490091815

A large, stylized blue arrow graphic that forms a jagged, upward-pointing shape, resembling a mountain range or a series of connected peaks. The arrow is composed of several overlapping, slightly offset lines, creating a sense of depth and movement. It is positioned in the background, behind the central text.

THANK YOU