



**BETTER INSIGHTS.**  
**BETTER TALENT.**

WHEELBOX.COM

# About Wheebox



**6 Million+**

Users assessed annually



Wheebox empowers businesses, academic institutions, sector skills councils and government with deep talent insights while enabling better hiring and development decisions on providing hiring, learning and development and talent development solutions.

**500+**  
Clients



Publisher of 'India Skills Report' with AICTE, AIU, CII & UNDP

Reach Across



**5+** Countries  
Globally

Hosted on Microsoft Azure (Tier IV Data Centre).





# Open Questions?

Online learning is happening, what about online assessments?

How can we convert most of our offline exams to objective assessments?

How can we conduct the subjective tests online & upload images?

How to ensure the same level of rigor and monitoring for high stake exams?

How can we digitize pen & paper assignments?

Is there a single platform for entrance exams, document verification and assessment-based admissions?

How can we generate meaningful insights for each assessment and students?

How can we have one view for all the exams; a student takes?

How to ensure a seamless experience across the existing applications – LMS, ERP etc.?

# Online Examination Solutions

# Question Bank Management System

Question Bank

Test Management

Evaluation

Roster Management

Admin Control

Tech Support

Search Question

Select Subject

Select Topic

Select Sub Topic

Select Difficulty Level


Select Questions Status

Enter Question Text

Search

Question List

Sr. No : 1 [Single Choice]



What is the context of this image?

Insert Image

about Employment

## QBMS Supports:

- ✓ MCQ (Objective Questions)
- ✓ Subjective Questions
- ✓ Image Based Questions
- ✓ Video / Audio Based Questions
- ✓ Mathematical/Science Equations
- ✓ Coding Simulators

# Test/Exam Creation

## Create Test

Create Test Set

Define Pre Test Rules

Additional Pre Test Rules

Define Test Securities

Define Post Test Rules

Assign Marks

1

Assign Negative Marks

0

Passing Percentage

60

Question Wise Time

OFF

Allocate Total Time

60

Start Date

Start Date

End Date

End Date

No. Of Attempts Per User

1

Test Instructions

1. Please contact your Test Administrator in case of power failure as the test may be recovered. If test recovery is not possible then test will have to be rescheduled.  
2. In case of complete Internet failure,

Auto Glide Option

ON

Section Skip Option

ON

Previous Button Option

ON

Flag Button Option

ON

Clear Response

OFF

Randomize Ques. Options

OFF

Show Calculator

OFF

Show Practice Test

ON

Test View Pattern

One After Another

Time View Format

HH:MM:SS

## Test Creation options :

- ✓ Assigning Marks
- ✓ Exam Date and Time
- ✓ Test Instructions
- ✓ Randomization
- ✓ Calculators and other features of Word
- ✓ Auto Emails on Creation of Users

# Candidate/User Interface

User One

00:09:41

Question Panel

0102030405  
0607

Question No: 06  

This is a subjective question, hence you have to write your answer in the Text-Field given below.

Which pull protocol is used to retrieve messages from a mail server?  
Explain in detail.

Response

7000(Max. Upto 7000 Characters)


Format ▾Table ▾Insert ▾  
Formats ▾B / E L R A Upload Answer Sheet Using - Mobile Upload Answer Sheet Using - Webcam

(i) Scan the QR code through your mobile. (ii) Click on Open Browser button. (iii) Capture Answer sheet or Answer diagrams using mobile camera. It will directly get saved on the server

p

Choose FileNo file chosen

Chosen



Flag

< Previous

Next >

End Test

Candidate/User  
Interface:

- ✓ Subjective Answer format
- ✓ Equations for mathematics and chemistry questions
- ✓ Upload Answer Sheet using Mobile/Webcam
- ✓ Upload images (Jpg/PDF)

# Virtual Assessment Center


Browser tabs: Raise Query, Proctor, Approver

URL: wheebox.com/WAP/approver-list.obj#!

Account (Waiting :0)

Hello Approver Fifty One

Allocation Status: Allow Allocation



Registered Photo

Name: Demo

Request Time: 2020-04-22 20:26:34

Date Of Birth: 2020-04-09


Contact No: 1234567891

Email ID : Demouser101@Wheebox.Com

Test Language:

Test Type:

Candidate Photo



Approve Candidate Photo?

Approve Candidate Photo?

Approve


Reject

Enter Message

Block for 24 hours

Save & Continue

Candidate ID Card Photo



Approve Candidate ID Card Image?



# Wheebox Remote Proctoring Solutions

Wheebox has three methods of proctoring solutions

## AUTO PROCTORED USING MICROSOFT AI COGNITIVE SERVICES



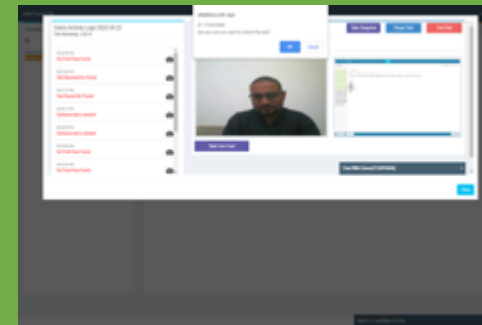
We use Microsoft AI & ML based face recognition tool, to authenticate the candidate's identity along with tracking the movement of the candidate during the examination. System can auto submit the exam, if the assigned number of warnings are exceeded by the candidate.

## REMOTE PROCTORED ASSESSMENT SOLUTION



We use remote authentication and proctoring of the candidates along with AI tool to track the movement of the candidate during the examination. System or the Proctor can pause the test or can end the exam, or we can have an automated submission of the exam, if assigned number of warnings are exceeded.

## IMAGE AND VIDEO PROCTORED SOLUTION



We can randomly or set a time frame to click images of the candidate and exam window along with audio & video of the candidate, which is saved in the system for audit at a later stage.

- ❖ Image Proctoring
- ❖ Video Proctoring
- ❖ Face Tracking
- ❖ Face Recognition
- ❖ Live Proctoring
- ❖ Cognitive Analytics
- ❖ Device Detection
- ❖ Noise Detection

# Certified Remote Proctoring Solution

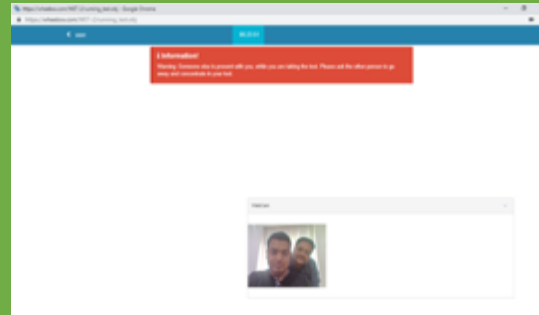
Wheebox remote proctored solution has been certified by CERT-In (National Agency for Cyber Security) for application security on protection from hacking and phishing.

## DIGITAL ID VERIFICATION



The Application captures and verifies digital identification as a verification tool for progress.

## FACE TRACKING



It tracks the candidate's Face and also tracks if there is any doubt of proxy or more than one candidate taking test. provides warning or terminates the test if any unwarranted application is opened during the test.

## DESKTOP CONTROL



Using the **Wheebox Safe Web Browser** application, it tracks the activity on the user's monitor, freezes all other functionalities related to screen sharing, mirroring, projection, navigation between browsers, etc

**76,000+**

Live online proctored  
Tests are processed in A  
single day.

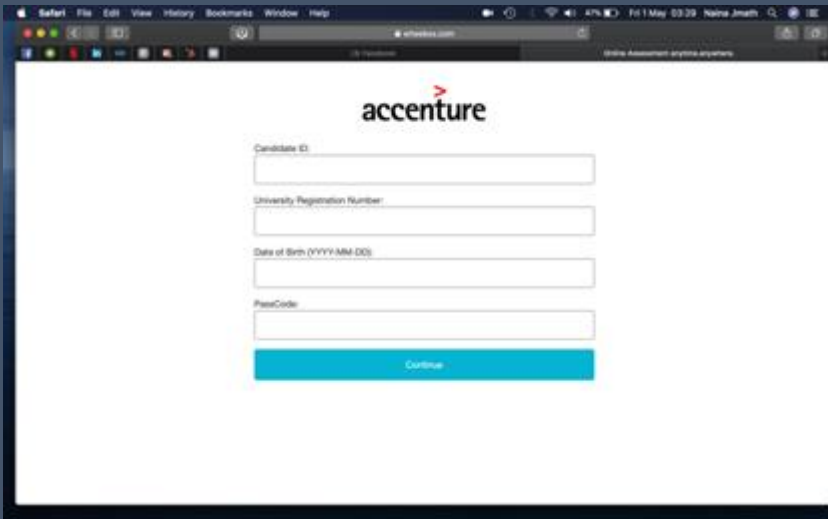
**40,000+**

Co- current users  
(candidates signing in at  
a single millisecond)



# Other Offerings

How to ensure a seamless experience across the existing applications – LMS, ERP etc.?



Wheebox Provides Seamless Experience for the Student as well as the Administrator which includes:

- Open API Integration
- White Labelling / Branding
- URL Masking
- IP Address security
- Geo Tagging / Fencing

# Digitizing Pen & Paper Assessments



How can we digitize pen  
& paper assignments?

# Mark from Home

Digital assessment suite providing your students and educators to upload and mark Assignments, diagrams, equations, Unit Worksheets or any Subjective assessment using our secured and scalable marking system.



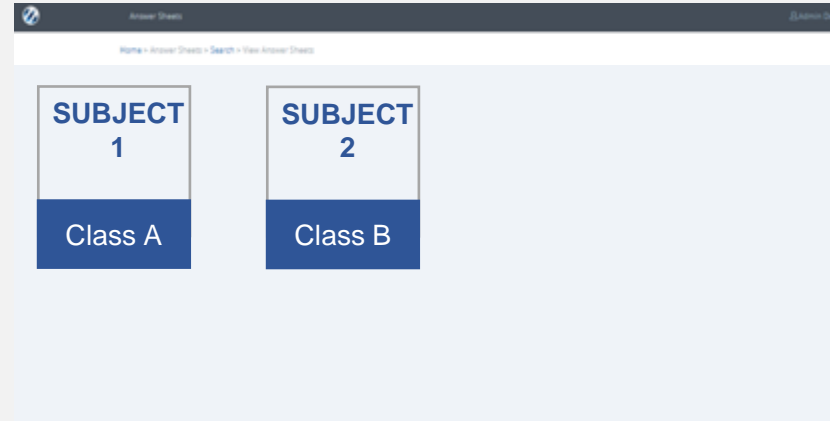


# Mark from Home – Student User Interface



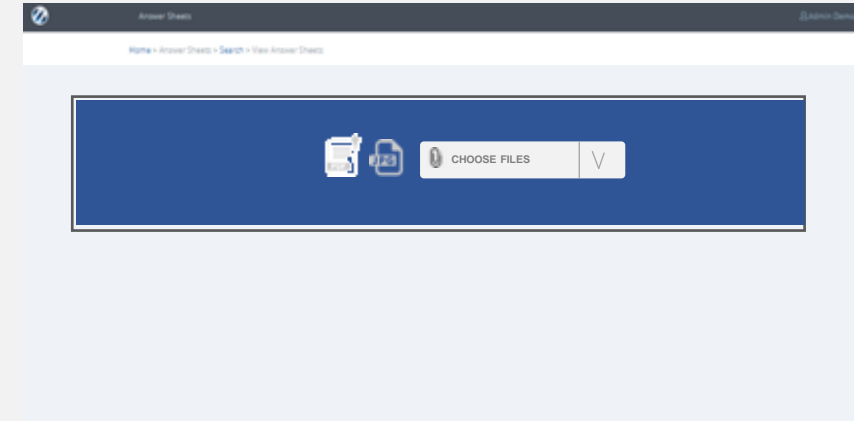
## Single Sign-On

Login to Mark from Home using your Institution Id and Password. No separate Id or password to be created.



## Personalised Dashboard and Select Assignments

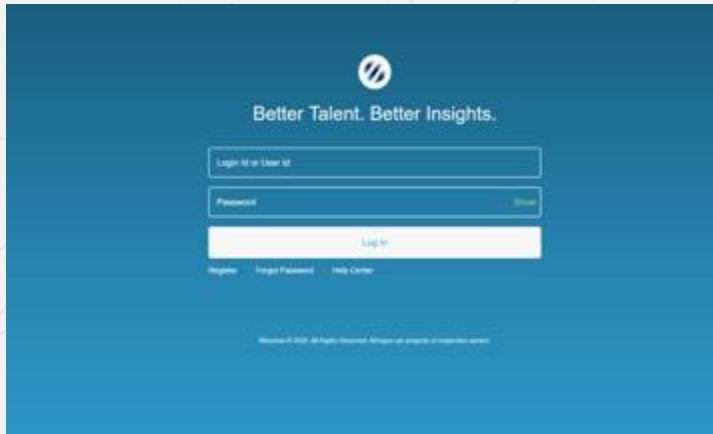
Students can view personalised Dashboard where students could select their respective papers or assessment units they want to upload.



## Click and Upload Assignments

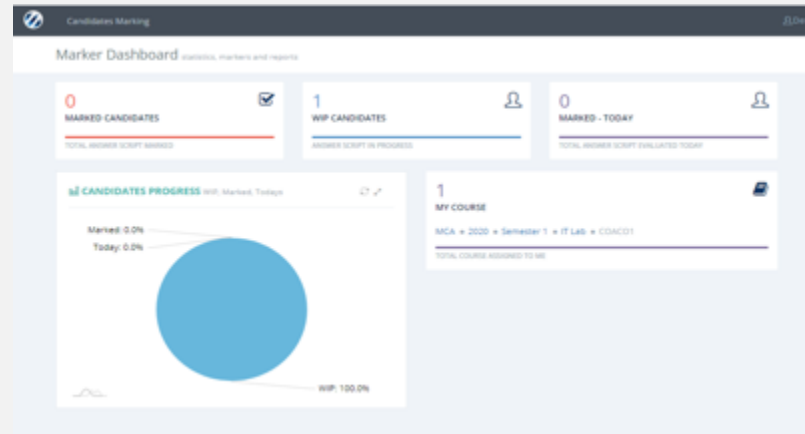
Students can click pictures of respective assignments from Mobile phones and upload their respective assignment from Mobile or Web browsers.

# Mark from Home – Teacher User Interface



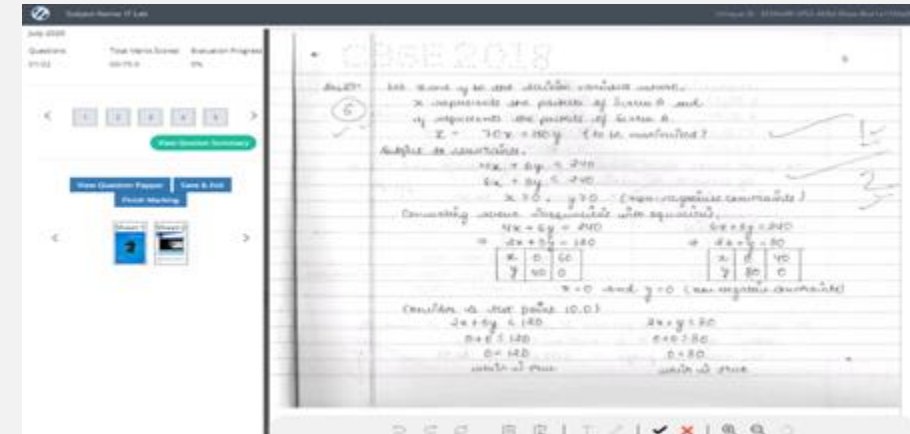
## Single Sign-On

Login to Mark from Home using your Institution Id and Password. No separate Id or password to be created.



## Personalised Dashboard and Select Assignments

Markers or Teachers can view Dashboard where they can select respective student's assignment papers or units that they to mark.



## Digital Assignment Marking Board

Markers or Teachers can mark student assignments digitally using Markers, Text Remarks, Annotate, explain or comment using Annotation Tools. Post submission the final marks will automatically be uploaded on Analytics dashboard for students.

# Mark from Home – Teachers/Markers Detailed View

## Assignment and Response Summary

Markers can view Summary of response and assignment question.

## Marking Tool

Markers or Teachers can score on each question or assignment, Comment on specific assignment.

## View Next Sheet

Markers or Teachers can skip, navigate between questions or assignment using this tool.

The screenshot displays the 'Mark from Home' interface. On the left, a sidebar shows the 'Assignment and Response Summary' for 'Course: Testin 1', indicating 2/13 questions and 2/30 total marks scored. Below this is the 'Marking Tool' with a 'Total Marks Scored: 1/1' and a 'View Marks Summary' button. A 'Slide To Evaluate' bar is also present. At the bottom, there are buttons for 'View Question Paper', 'Save & Exit', and 'Finish Marking', along with a 'View Next Sheet' button. The main area shows a student's handwritten response to a question about the net moment of a body. The response includes a table of corner points and calculations for the maximum profit.

Corner points	$Z = 70x + 100y$
O (0,0)	$Z = 0 + 0 = 0$
A (0,40)	$Z = 70(0) + 100(40) = 4000$
B (30,20)	$Z = 70(30) + 100(20) = 4100 \rightarrow \text{maximum value}$
C (40,0)	$Z = 70(40) + 100(0) = 2800$

The factory must produce 30 packets of screw A and 20 packets of screw B to maximize his profit. His maximum profit = 4100 points or Rs. 41.

## Student Assignment

View Student assignment in pdf format. Can scroll, skip and annotate using Digital Annotation tools.

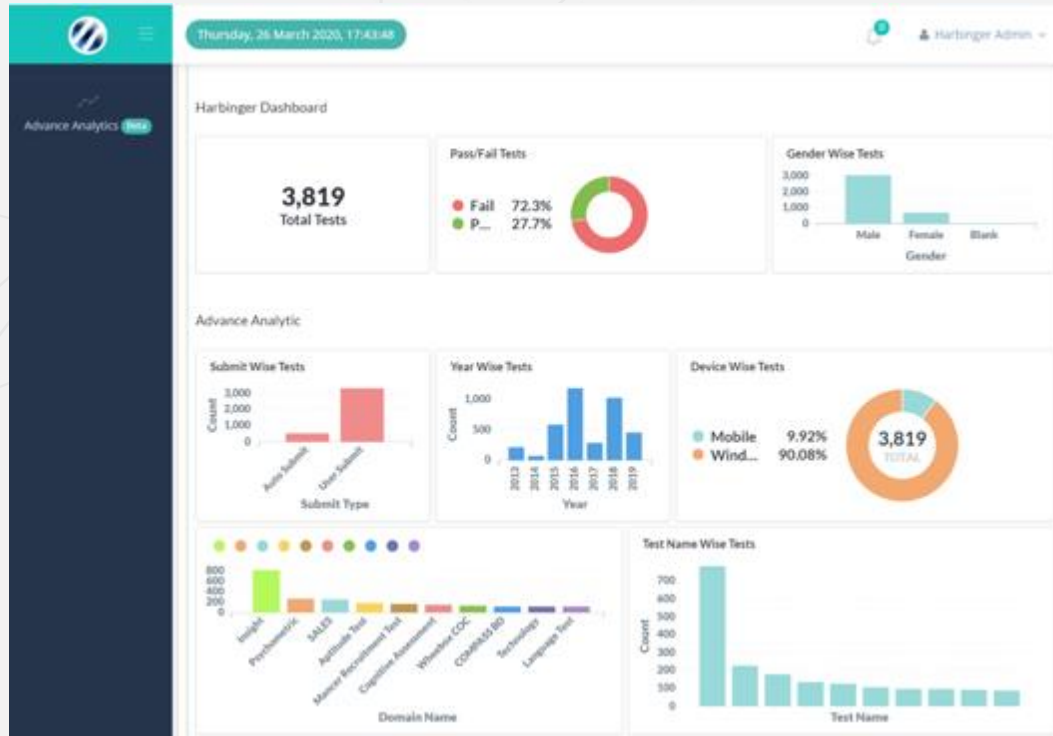
## Annotation Tool

View Student assignment in pdf format. Can scroll, skip and annotate using Digital Annotation tools.

# Advance Analytics and Result Dashboard

How can we have one view for all the exams; a student takes?

How can we generate meaningful insights for each assessment and candidate?



## Advance Analytics

Institution or Exam Administrators or Teachers can view Advance Analytics using Meta Data Analytics of all assignments or test results using Mark from Home Analytics Tool.

The Result List dashboard displays a table of test takers. The table has the following columns: S.No., Full Name, Email id, Test Name, Date-Time, Score, %, and Percentile. The table lists 13 test takers, including Pranay Shrivats, User Mritunjay, Pinky Saha, Kaluvuri Athul Ratnakar, RANJAN RANJAN, Santhosh Surendran, and Jaswinder. The table also includes a 'Test Takers: 86' summary and a 'Change Main Search' button.

S.No.	Full Name	Email id	Test Name	Date-Time	Score	%	Percentile
1	Pranay Shrivats	user_pranay@wheebox.com	Insight 360 - Remote Proctoring	2020-03-25 17:32:15	0/64	0	0
2	User Mritunjay	demo_mritunjay@wheebox.com	VINA	2020-03-25 10:10:56	10/20	50	100
3	Pranay Shrivats	user_pranay@wheebox.com	IMAGE PROCTOR	2020-03-25 01:31:38	1/5	20	50
4	Pinky Saha	pinky.saha@wheebox.com	Platform Knowledge	2020-03-24 17:50:17	39/99	39	44
5	Kaluvuri Athul Ratnakar	kaluvuri.athul@wheebox.com	Platform Knowledge	2020-03-23 10:44:23	17/99	17	19
6	RANJAN RANJAN	ranjan1@wheebox.com	Critical Thinking Test	2020-03-22 18:24:08	10/24	41	59
7	RANJAN RANJAN	ranjan1@wheebox.com	Leadership Competencies Index Test	2020-03-22 17:57:57	NA	NA	70
8	Santhosh Surendran	santhosh_surendran@wheebox.com	Product Knowledge	2020-03-20 17:02:02	34/73	46	52
9	Santhosh Surendran	santhosh_surendran@wheebox.com	Platform Knowledge	2020-03-20 16:36:35	44/99	44	50
10	Jaswinder	jaswinder.singh@wheebox.com	Product Knowledge	2020-03-20 15:48:32	23/73	31	35
11	Jaswinder	jaswinder.singh@wheebox.com	Platform Knowledge	2020-03-20 15:39:49	37/99	37	42
12	Pranay Shrivats	user_pranay@wheebox.com	Coding Skills Test	2020-03-18 17:49:35	1.8/20	9	29
13	User Demo	demo2033@wheebox.com	Insight 360	2020-03-17 18:20:15	23/64	35	38

## Individual Development Plan

Teachers can identify and build Group or Individual Development Plan based various metrics and granular analysis.

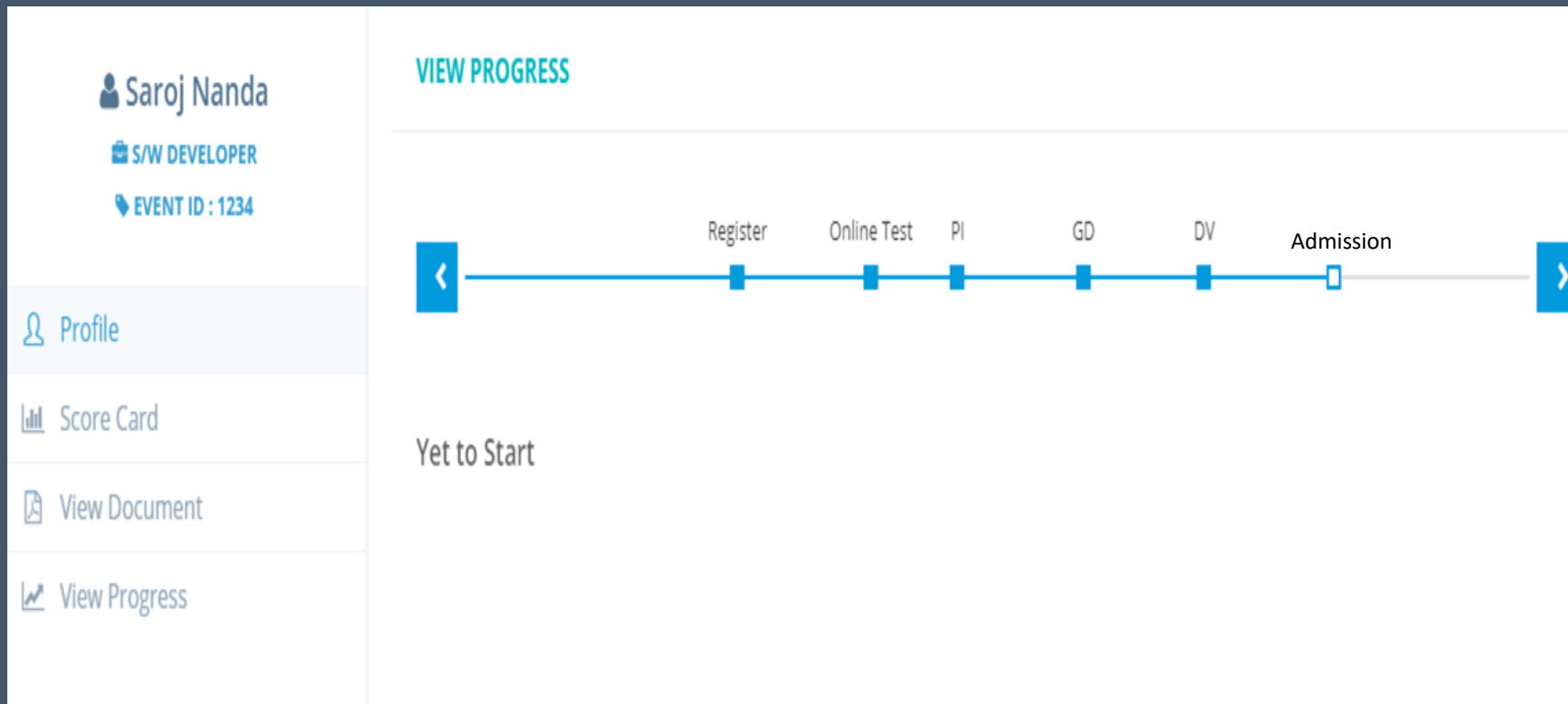
# Assessments to Admissions



# Assessment to Admissions





Is there a single platform for entrance exams, document verification and assessment-based admissions?





# Online Documents Verification


Is there a single platform for entrance exams, document verification and assessment-based admissions?


DashboardJobsEvent ListTalent PoolHarbinger Admin

**Saroj Nanda**  
S/W DEVELOPER  
EVENT ID : 1234

 Profile

 Score Card

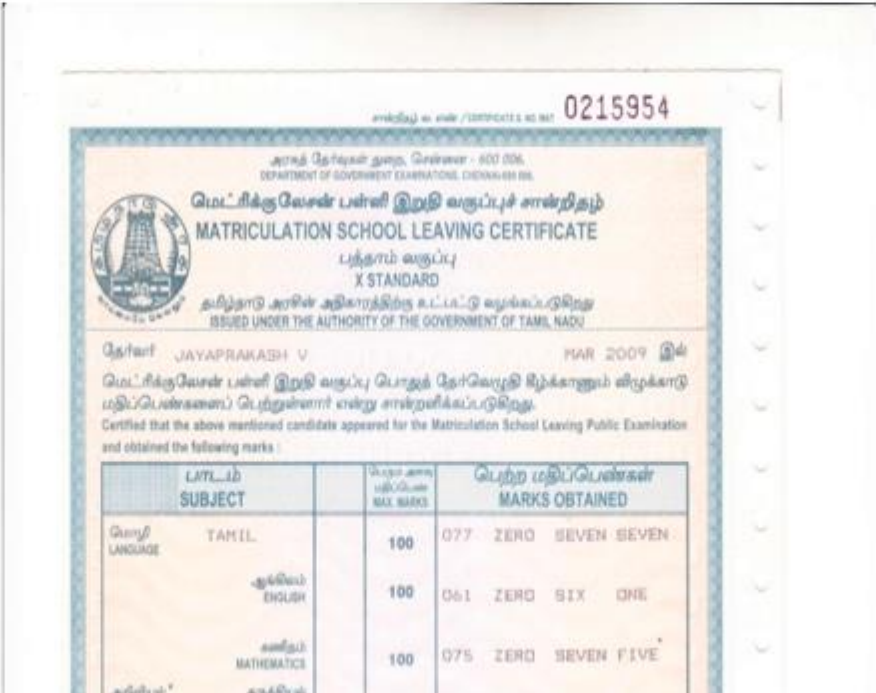
 View Document

 View Progress

CANDIDATE PROFILE

1 Approved2 Rejected3 Pending

10th Certificate10th Mark Sheet12th Mark SheetAadhaarCandidate PhotoPANVoter Id



0215954

சென்னை மாநகராட்சி / CERTIFICATE NO. 006

தமிழ்நாடு அரசின் ஆளுகைக்கு உட்பட்டது  
ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMIL NADU

மேட்ரிகுலேஷன் பள்ளி இறுதி வகுப்புச் சான்றிதழ்  
MATRICULATION SCHOOL LEAVING CERTIFICATE  
பத்தாம் வகுப்பு  
X STANDARD  
தமிழ்நாடு அரசின் ஆளுகைக்கு உட்பட்டது  
ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMIL NADU

தேர்வர்: JAYAPRAKASH V      MAR 2009 இல்

மேட்ரிகுலேஷன் பள்ளி இறுதி வகுப்பு பொதுத் தேர்வுக்குத் தீர்க்கமான விருக்காடு  
மதிப்பெண்ணைப் பெற்றுள்ளார் என்று சான்றளிக்கப்படுகிறது.  
Certified that the above mentioned candidate appeared for the Matriculation School Leaving Public Examination  
and obtained the following marks:

மாதிரி SUBJECT	மொத்த மதிப்பெண் MAX. MARKS	பெற்ற மதிப்பெண்கள் MARKS OBTAINED
தமிழ் LANGUAGE	100	077 ZERO SEVEN SEVEN
ஆங்கிலம் ENGLISH	100	061 ZERO SIX ONE
கணிதம் MATHEMATICS	100	075 ZERO SEVEN FIVE

# Case Studies

# NIELIT (Ministry of IT & Electronics)

○ High Stake Government Examinations



## Project

Conduct high stake Government Examinations like PMG DISHA, NSQF & RAP across country for lakhs of candidates



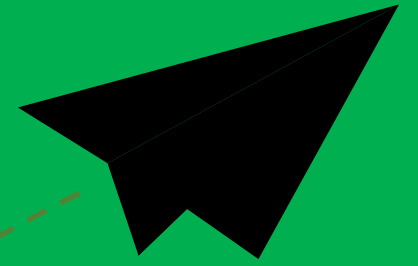
## Solution

Wheebox Remote Proctoring  
Assessment solution with remote  
control of candidate system and  
exam environment



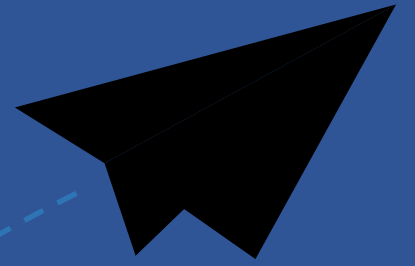
## Measurable Impact

Have delivered 4 Mn+ assessments  
at a very low cost in a very short  
period across Tier 3 & 4 cities of  
India



# Lovely Professional University

 Entrance Exam (LPU NEST)



## Project

Conduct entrance examination during lockdown period with 100% authenticity of candidates with a secured and scalable examination system



## Solution

Wheebox Remote proctored assessment solution with safe exam browser and real time feed to proctors during examination



## Measurable Impact

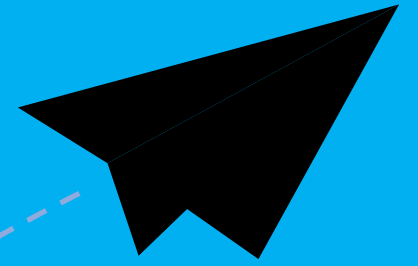
Successfully conducted pilot. Main exams are planned in coming month, University will complete the admission process for new academic year without any delay



# XSM (Xavier Institution of Management) formerly known as XLRI



Executive Education Certification



## Project

Certification examination for  
working professionals



## Solution

Wheebox Auto proctored  
examination platform using  
Microsoft AI Cognitive Services



## Measurable Impact

Conducted exam at the ease of  
working professionals with 100%  
exam safety and security

BETTER  
INSIGHTS

BETTER  
TALENTS

**WHEEBOX.COM**



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@wheebox

## Contact Team Wheebox

Connect with our experts across zones

### Global Headquarters: India

Gurgaon. 122001

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#### United Kingdom

Luton, Bedfordshire

#### Singapore

Central Business District

#### India

Bangalore  
Mumbai  
Kolkata

**Reach out to our assessment specialists for a discovery session.**

Tel: +91 693-100-5466

Email: [info@wheebox.com](mailto:info@wheebox.com)

