



CLIENT PROJECT

Candidate assessment software with biometric verification

An assessment and training institute in India

IN SHORT

Web software for an assessment body: applications and documents, duplicate checks, results, QR-coded ID cards, fingerprint checks and viva video.

THE CHALLENGE

The institute assessed candidates on behalf of client organizations. It took applications with documents, ran exams and vivas, and declared results. It needed to stop duplicate applications and impersonation, and to issue ID cards and assessment reports.

WHAT WE BUILT

We built a PHP web application that follows each candidate from application to result. Applicants submit a form and documents, and the system flags duplicates. Staff enter scores, declare results and generate QR-coded ID cards and assessment reports. Add-ons verify candidates by fingerprint and store webcam video of each viva.

AT A GLANCE

INDUSTRY

Education

SERVICES

Web application development

Custom software development

PLATFORMS

Web

BUILT WITH

Laravel, PHP, MySQL, Bootstrap, jQuery, Ubuntu server, Nginx, Git

Read the full project: <https://itechnosol.com/our-work/candidate-assessment-and-certification-system/>

THE RESULT

Applications, scores, results, ID cards and assessment reports come from one system. Fingerprint checks confirm identity, and viva recordings are kept for review.

KEY FEATURES

- **Online application with documents**

Candidates fill an application form and upload supporting documents.

- **Scores and results**

Staff enter examination scores and declare results.

- **Assessment reports**

Reports per client organization, with a client master for the organizations whose candidates are assessed.

- **Viva video**

A webcam records each viva and stores it against the candidate (add-on).

- **Duplicate detection**

The system flags duplicate applications before they go further.

- **QR-coded ID cards**

Each candidate gets a QR code and a generated ID card.

- **Fingerprint verification**

Biometric checks confirm the candidate is the applicant (add-on).

- **Daily and filtered reports**

A daily summary and filter-based reports across batches and clients.

Planning something similar?

Send us a few lines about your project. A founder replies within 4 business hours with an indicative cost and timeline, free and with no obligation.

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