NEX-G
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NEX-G AUTOMATION LLP

SKILL LEARNING APPLICATION

Digital Skill Management, Workforce Training & Competency Assessment Platform

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Installation **Configuration** **Operation** **Integration** **Maintenance**

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1. Product Overview

The **Nex-G Skill Learning Application** is a centralized digital platform designed to manage workforce skill assessment, employee training, and competency evaluation. By bringing administrators, vendors, trainers, and candidates into a unified role-based workflow, the platform organizes skill development programs, tracks candidate evaluations, and maintains structured, audit-ready digital records for enterprise workforce development.

Core Software & Platform Features:

- Centralized administration and 360° oversight of training workflows.
- Dedicated user categories for Administrator, Vendor, Trainer, and Candidate.
- Structured digital skill assessment and candidate evaluation engine.
- Vendor and trainer activity coordination for streamlined course delivery.
- Organized digital record management and competency tracking.

2. System Operating Guidelines

> **Role Assignment Notice:** System access is strictly governed by user role categories. Administrators must assign correct privileges to trainers, vendors, and candidates during initial onboarding.

- **User Onboarding:** Ensure candidate profiles are mapped to appropriate training modules and assessment schedules.
- **Assessment Integrity:** Candidates must complete skill evaluation tests within defined time windows and verified session parameters.
- **Record Management:** Evaluation scores, trainer feedback, and vendor activity logs are stored securely in cloud database hubs.

3. Technical Specifications

Layer / Parameter	Specification Details	Notes
Application Type	Skill Learning & Competency Assessment Software	Enterprise workforce training application
Primary Purpose	Skill Assessment & Training Management	Digitizes candidate evaluation & workforce development
User Role Categories	Administrator, Vendor, Trainer, Candidate	4 dedicated user experience categories
Training Workflow	360° Training & Program Coordination	Organizes course schedules & trainer activities
Assessment Engine	Structured Digital Candidate Evaluation	Automated scoring & competency matrix logging
Record Management	Digital Workflow & Audit Logs	Centralized historical training data retention
User Interface	Web Browser Portal & Responsive Mobile UI	Multi-device access for trainers and candidates
Backend Architecture	Relational Cloud Database & Secure APIs	Scalable multi-tenant cloud node deployment
Security & Auth	Role-Based Access Control (RBAC)	Encrypted user session & credential management
Deployment Mode	Centralized Enterprise Cloud Instance	High-availability web application hosting

4. Role-Based Workflow & Process Flow

Sequence from training coordination to candidate assessment and digital record management:

01. Organize
Administrator sets up training programs & user roles.

02. Coordinate
Vendors & trainers deliver skill development modules.

03. Assess
Candidates complete digital evaluation tests.

04. Manage Records
Competency logs & certificates are archived digitally.

5. User Role Categories & Responsibilities

Dedicated application experience for each participant category in the skill ecosystem:

User Category	Application Responsibilities & Workflow Functions
01. Administrator	Provides centralized application administration, system configuration, role assignment, and 360° workflow oversight.
02. Vendor	Manages vendor-related coordination, training content delivery partnerships, and external resource allocation.
03. Trainer	Delivers skill development programs, coordinates practical sessions, and evaluates candidate performance metrics.
04. Candidate	Accesses assigned learning materials, completes candidate skill evaluations, and tracks personal competency progress.

6. Strategic Solution Advantages

Organized Processes
Brings key skill development and assessment activities into a unified, structured digital workflow.

Role-Based Access
Separates user categories to streamline administrative, trainer, vendor, and candidate interactions.

Digital Skill Assessment
Replaces manual evaluations with automated, audit-ready digital candidate skill tests.

Connected Participants
Fosters seamless collaboration between administrators, external vendors, internal trainers, and candidates.

7. Frequently Asked Questions (FAQ)

- **What is the Skill Learning Application?** A centralized digital platform for skill assessment, training coordination, and competency record management.
- **Who can use the application?** Four distinct user roles: Administrators, Vendors, Trainers, and Candidates.
- **Does the application support candidate assessment?** Yes, it provides a dedicated digital assessment workflow for candidate evaluation.
- **How does it support vendors and trainers?** By providing dedicated portals to coordinate course materials, schedules, and trainee activities.

8. Troubleshooting Guide

Symptom	Possible Cause	Recommended Action
Candidate cannot access assigned assessment	Incorrect role assignment / schedule locked	Verify in Admin console that candidate account is assigned to active assessment window.
Trainer unable to upload evaluation marks	Session expired / insufficient permissions	Ensure trainer profile holds proper grading privileges; re-login to refresh active session.
Vendor module content failing to load	Content format error / broken link	Check vendor uploaded file formats and verify content URLs in Admin module settings.
Assessment reports failing to export	Database query timeout / large dataset	Filter report criteria by specific batch or date range before exporting PDF/Excel summaries.

9. Implementation & Maintenance

- Understand organizational workforce skill assessment and training requirements before system setup.
- Define user responsibilities and map administrators, vendors, trainers, and candidates accurately.
- Perform regular cloud database back-ups to archive historical training certificates and candidate records.
- Review system user activity logs periodically to maintain platform security and data integrity.

10. Support and Service Contact

For technical support, custom workflow integration, demonstration requests, or implementation guidance, contact Nex-G Automation LLP:

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