

DIGIEDUHACK SOLUTION CANVAS



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|--|---|---------------------------|-------------|---------------|----------|-------------------------|---------------------------|-------------------------|---------------------|--|
| Title of the solution: | SkillPath | | | | | | | | | |
| Challenge addressed: | How might we push human flourishing through disruptive emerging tech-based education? | | | | | | | | | |
| Background of the team: <small>(multiple selections possible in case of mixed teams)</small> | <table border="1"> <tr> <td>Higher Education Students</td> <td>Researchers</td> <td>Professionals</td> </tr> <tr> <td>Teachers</td> <td>Primary School Students</td> <td>Secondary School Students</td> </tr> <tr> <td>Others (please specify)</td> <td colspan="2">University students</td> </tr> </table> | Higher Education Students | Researchers | Professionals | Teachers | Primary School Students | Secondary School Students | Others (please specify) | University students | |
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| Others (please specify) | University students | | | | | | | | | |

Solution description

Our solution is a digital platform created to support the social mobility of young people in Mexico aged 18 to 25 who are currently studying high school or pursuing a technical degree. SKILLPATH helps them identify the competencies they already have, understand the kind of jobs they can realistically access today, and develop the skills they need through microcredentials to reach the type of employment they truly aspire to.

Target group

Our primary target group is young Mexicans aged 18–25 with a high-school or technical background who struggle to access formal, better-paying jobs due to missing or unverified skills. SkillPath benefits them by measuring real competencies, guiding them through personalized upskilling, and connecting them directly to verified job opportunities. We engage this group through accessible onboarding, practical performance-based assessments, and gamified micro-credentials designed around their goals, interests, and learning styles. By involving youth and employers in iterative testing, we ensure the solution remains relevant and fully tailored to their specific needs.

Context

The problem we aim to address is the limited social mobility experienced by young people in Mexico, particularly those aged 18 to 25 who are studying or have completed high school or technical programs. Many of them struggle to enter formal, better-paid jobs because they lack the specific competencies demanded by today's labor market. This results in a persistent mismatch between their education and the skills employers genuinely need, reinforcing cycles of inequality and limiting their long-term opportunities.

Our solution aligns directly with the DigiEduHack 2025 annual theme, which focuses on leveraging digital tools to reduce inequality and expand access to meaningful learning opportunities. SKILLPATH contributes to this mission by offering a digital, personalized, competency-based system that helps young people understand their strengths, identify realistic job opportunities, and build the skills required to succeed in the workforce.

The challenge category we selected—Social Mobility—asks participants to propose solutions that support learners in moving toward better educational and professional outcomes. SKILLPATH directly confronts this challenge by translating complex labor-market demands into clear, actionable learning paths supported by microcredentials. By providing a structured digital pathway from assessment to employment readiness, our solution empowers users to break through barriers that traditionally limit mobility and ensures that every step they take leads to a measurable improvement in their future.

Impact

SkillPath catalyzes change in education by shifting from self-reported learning to verified, performance-based skill development. It brings accountability, transparency, and real-world relevance into youth training, ensuring that education leads to employability rather than just course completion. At the social level, SkillPath increases access to formal jobs, strengthens social mobility, and reduces youth vulnerability to informal or unstable work. For example, a young person with only basic schooling can demonstrate real competencies through secure assessments, earn verified micro-credentials, and access better-paying jobs. This creates long-term positive effects for families and communities. Environmentally, SkillPath minimizes the need for physical training infrastructure by offering digital, modular learning, reducing transportation and resource use. It promotes scalable, low-impact upskilling pathways that can be implemented nationwide.

Describe it in a tweet

SkillPath is a secure, gamified platform that diagnoses real skills, builds personalized learning paths, and connects young Mexicans with verified, better-paying jobs, unlocking true social mobility.

Innovativeness

Most solutions rely on self-reported skills or generic courses. SkillPath is different because it measures real abilities through secure, performance-based assessments and verified micro-credentials. Unlike job boards or learning apps, SkillPath links validated skills to actual job placement, giving employers trust and young people a real pathway to better jobs.

Transferability

Yes. SkillPath's model can be applied to any learning context that requires verified, practical competencies. For example, healthcare assistants, customer service roles, digital marketing, or technical trades could use the same performance-based assessments and micro-credentials to validate real skills and guide learners into certified pathways.

Sustainability

After the prototype, we plan to refine SkillPath through user testing with young learners and employer partners. Mid-term, we aim to launch a functional beta with real assessments, verified micro-credentials, and initial job-matching pipelines. Long-term, the goal is to scale nationally by partnering with training institutions, companies, and government programs, and to replicate the model across different sectors that require proven skills. Ultimately, SkillPath becomes a trusted, scalable system for verifying competencies and connecting learners to quality jobs.

Team work

Our team combines experience in entrepreneurship, education innovation, and technology for workforce development. We bring skills in product design, user research, digital learning, and talent development, giving us a practical understanding of the skill gaps faced by young people and employers in Mexico. We plan to keep working together because we share a long-term commitment to improving youth employability. Our combined expertise allows us to build SkillPath as a solution that is realistic, scalable, and aligned with real labor-market needs.

Prototype screen shots

The screenshot shows the main landing page of the SkillPath prototype. At the top, there is a navigation bar with the SkillPath logo and a 'Iniciar sesión' (Sign in) button. The main heading 'Tu futuro profesional comienza aquí' (Your professional future begins here) is displayed prominently. Below the heading, a subtext reads 'Desarrolla competencias verificables, consigue certificaciones reales y conecta con empleos formales que transformarán tu carrera' (Develop verifiable skills, get real certifications and connect with formal jobs that will transform your career). A 'Comenzar ahora' (Start now) button is located below this text. At the bottom of the page, there are four cards: 'Diagnóstico real' (Real diagnosis), 'Rutas gamificadas' (Gamified paths), 'Certificaciones verificables' (Verifiable certifications), and 'Empleo formal' (Formal employment). A large call-to-action button at the bottom asks '¿Listo para transformar tu futuro?' (Ready to transform your future?) and contains a 'Crear mi cuenta gratis' (Create my free account) button.

Crea tu cuenta

Comienza tu camino hacia mejores oportunidades laborales

Nombre completo
Juan Pérez

Correo electrónico
juan@ejemplo.com

Teléfono
55 1234 5678

Edad
22

Nivel educativo
Selecciona una opción

[Link del prototipo](#)

Prototype screen shots

 **Entorno seguro**
Todas las evaluaciones se realizan en un entorno controlado para garantizar la autenticidad de tus resultados

Servicio al cliente

Comunicación efectiva
Simula una llamada de atención al cliente

⌚ 15 min

Comenzar evaluación

Soporte técnico

Resolución de problemas
Resuelve situaciones complejas en tiempo real

⌚ 20 min

Comenzar evaluación

Habilidades blandas

Trabajo en equipo
Colabora en un proyecto virtual

⌚ 25 min

Ventas

Ventas y negociación
Realiza una venta consultiva simulada

⌚ 20 min

Comenzar evaluación

Elige tu vacante meta
Selecciona el empleo al que aspiras y descubre qué necesitas para conseguirlo

Asistente Administrativo
Empresa Tecnológica
\$12,000 - \$15,000 MXN

Requisitos

- Comunicación efectiva
- Organización
- Atención al detalle
- Microsoft Office

75%
Match

Soporte Técnico
Corporativo Nacional
\$14,000 - \$18,000 MXN

Requisitos

65%
Match

 **Selecciona una vacante para ver los detalles y crear tu ruta personalizada**