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Professional GPS: A Skills Intelligence Tool for Career Development

The Professional GPS is an innovative, web-based tool designed to support students and professionals in navigating their career paths by identifying, assessing, and reusing their competencies. The system targets individuals seeking to improve in their current roles or transition into new professions by leveraging existing skills across different occupational contexts. Developed with a strong focus on skills intelligence, the platform bridges the gap between education and employment by aligning personal competencies with evolving labor market demands.

The tool is currently available as a functional prototype hosted on the official website of our university, where it has been tested with diverse user profiles, including students from various academic disciplines and professionals looking to adapt to changing job requirements. Through an intuitive interface, users can map their skills, explore potential career paths, and receive tailored guidance on upskilling and reskilling opportunities.

In this session, we will showcase the Professional GPS and demonstrate its main functionalities, giving attendees a clear view of how the tool works in practice. We will explain the types of data used in the system, such as competency frameworks and labor market information, and how they are integrated to provide meaningful insights for users.

Additionally, we will share lessons learned throughout the development and testing phases, focusing on user feedback, usability challenges, and key decisions made in the design of the user experience (UX). We will also present planned improvements for the next version of the tool, both in terms of UX enhancements and new features aimed at increasing personalization, improving data visualization, and expanding the range of professional pathways that the system can support.

Ultimately, the Professional GPS represents a practical response to the growing need for skills intelligence solutions that empower individuals and organizations to anticipate change, foster lifelong learning, and build more agile and resilient workforces.

Video

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