



Swiss International
Institute Lausanne

DIGITAL INNOVATIONS ROADMAP

Swiss International Institute Lausanne - SIIL

Approved by:	Academic Council
Date of Approval:	22.05.2024
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Owner:	Academic Office
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Table of contents

I	DIGITAL INNOVATIONS STRATEGY : DIGITAL INNOVATIONS ROADMAP	3
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I DIGITAL INNOVATIONS STRATEGY : DIGITAL INNOVATIONS ROADMAP			
	Date/Period	Tasks	Details/Scope
1	August 2024 – September 2024	Conduct a Comprehensive System Audit	Perform a full audit of all digital platforms (LMS, ERP, CRM, website, mobile app) to identify performance gaps, technical limitations, and areas for improvement. Use this data to prioritize system updates and future development.
2	January 1, 2024 – January 1, 2026	Renew and Expand Pre-Recorded Lecture Content Using Modern Video Studio	<p>The institute is actively utilizing its dedicated video studio for distance education, equipped with a transparent writing board and professional-grade recording tools, to produce high-quality pre-recorded lectures. This ongoing initiative focuses on enhancing and expanding the repository of lecture content to meet evolving educational standards and student needs.</p> <p>This initiative highlights the institute’s commitment to maintaining up-to-date, engaging, and high-quality resources for its distance education programs while continuously improving the learning experience for students.</p>
3	September 2024 – October 2024	Gather Feedback Through Surveys and Interviews	Collect qualitative and quantitative feedback from students, faculty, and administrative staff to understand user satisfaction, unmet needs, and system bottlenecks. Compile results into actionable recommendations.

4	September 2024 – January 2025	Integrate AI-Powered Assistant (Sili)	<p>The integration of Sili, an AI-powered assistant, represents a significant advancement in the mobile application’s functionality. Designed to enhance the user experience, Sili will:</p> <p>Simplify access to information by providing quick and accurate responses to queries, helping users navigate educational and administrative content with ease</p> <p>Offer task assistance by providing tips, strategies, and clarifications for both academic and practical challenges, fostering an interactive and supportive environment.</p> <p>Enable engaging conversations to make the learning process more dynamic and enjoyable.</p> <p>Maintain educational integrity by supporting learning efforts without completing tasks for users, reinforcing personal responsibility and skill development. This feature will position the mobile application as a more interactive and valuable tool for students, faculty, and staff while aligning with the institute’s commitment to innovation and user-centric design.</p>
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5	September 2024 – January 2025	Enhance Mobile Application Features	<p>The mobile application plays a pivotal role in the institute’s digital ecosystem, acting as a bridge between students, faculty, and administrative services. To meet evolving user expectations and enhance its value, the app will undergo a series of upgrades and feature expansions.</p> <p>The integration of a dedicated news section will provide a centralized hub for updates on events, webinars, and student activities, ensuring users have immediate access to critical information. Alongside this, the app’s user interface and experience will be refined, offering a more intuitive and visually appealing navigation that adapts seamlessly to various devices and user needs.</p> <p>To support academic and professional growth, the app will feature a webinar schedule and replay section, allowing users to view upcoming sessions and access recordings of past webinars directly. This flexibility accommodates diverse learning schedules and reinforces the app’s educational utility.</p> <p>Improvements to the testing module will ensure reliability during assessments by addressing connectivity issues and introducing safeguards, such as auto-disabled navigation buttons, to prevent errors during tests. In parallel, the in-app chat functionality will be optimized for faster communication, enhanced stability, and engagement through features like stickers and improved image handling.</p>
6	September 2024 – February 2025	Integrate edX for External Course Delivery	<p>Integrate edX courses into the institution’s educational framework, providing students with access to a diverse range of external learning opportunities. Ensure that relevant course completions are acknowledged within the institution’s academic processes and provide clear guidance on how students can leverage these courses to complement their studies.</p>
7	September 2024 – February 2025	Enable access to external digital libraries for research and study purposes.	<p>Provide students and faculty with access to external digital libraries via direct links to library accounts and resources. These links will be included in course modules within the LMS, such as reading lists and resource sections, connecting users to essential academic materials.</p>

8	September 2024 – February 2025	Integrate Harvard Manage Mentor for Professional Development	Embed Harvard Manage Mentor content to support leadership, communication, and business skill development. Provide personalized access and track user engagement to ensure effective adoption.
9	September 2024 – February 2025	Develop Blockchain-Powered Certificates	Implement blockchain-based certificates for course completions and micro-credentials. Ensure easy verification by employers or third parties while maintaining tamper-proof integrity.
10	September 2024 – March 2025	Integrate Plagiarism Detection	Enhance academic integrity by integrating plagiarism detection tools into workflows. Ensure compatibility with diverse file formats and provide actionable insights for users.
11	September 2024 – March 2025	Redesign and Optimize Website for Improved User Experience	Overhaul the website to enhance responsiveness, navigation, and accessibility for all users. Introduce new, student-focused sections to support engagement and motivation, such as blocks highlighting tuition discount opportunities for academic and extracurricular achievements, recognition of active student contributions, and updates on institutional events. Leverage advanced analytics to measure user interactions and continuously improve the website's effectiveness.
12	April 2025 – May 2025	Automate Routine Workflows in CRM/ERP	Streamline processes such as admissions, student performance tracking, financial operations, and academic scheduling through automation, reducing manual errors and administrative burden.
13	December 2024 – March 2025	Launch Inclusive Accessibility Features	Implement tools such as text-to-speech, transcription for videos, and adjustable interface settings. Ensure compliance with international accessibility standards.
14	March 2025 – May 2025	Develop and enhance collaboration tools: group projects, chat forums, and discussion boards.	This task focuses on creating and improving digital tools that enable seamless collaboration across the institution's educational ecosystem. The goal is to foster interactive learning and communication for students, faculty, and administrative staff.
15	March 2025 – June 2025	Modernize Assessment Formats Across Platforms	Introduce new evaluation methods, such as peer reviews, scenario-based tests, and interactive assessments. Standardize these formats across all platforms for consistency.
16	June 2025 – July 2025	Enhance Cross-Platform Notification and Personalization Systems	Centralize notifications across digital systems to deliver tailored updates, reminders, and alerts. Personalize messages to improve engagement and relevance for users.
17	March 2025 – June 2025	Gamification and Engagement Strategies Across the Ecosystem	Apply gamification principles across digital systems by introducing rewards, badges, and interactive challenges. Align gamification features with educational goals to maintain focus and motivation.

18	March 2025 – June 2025	Develop Advanced Analytics Dashboards	Build dashboards for analyzing system performance, student engagement, and administrative efficiency. Use predictive analytics to anticipate challenges and identify opportunities.
19	May 2025 – June 2026	Create Digital Onboarding Experiences	Develop interactive, self-paced onboarding modules for new students and faculty. Include tutorials, system walkthroughs, and virtual tours to simplify initial engagement.
20	May 2025 – June 2026	Create a Self-Service Knowledge Base	Build an accessible repository of FAQs, guides, and instructional videos. Enable AI-powered search to quickly connect users with solutions and reduce reliance on support teams.

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