

## Annex - A

### PATENT SEARCH REPORT

TITLE	FILING DATE
Learning Management for Career Guidance with integrated Digital Profile and Social Network	
ABSTRACT	
<p>A software application consisting mainly of a learning management system, a digital portfolio, and a social platform designed for the development of career skills of its user. The learning management system is solely for providing career knowledge and skills to learners and is used to ease the monitoring, distribution and evaluation of educational courses, learning modules and development materials. The digital portfolio shows all the user's achievements and accomplishments, such as skills gained and workshops attended, to be used as résumé for future prospects. The social platform system is intended for the users to interact, connect and build relationships with their peers through activity participation and common interest matching. Through this feature, the administration can easily monitor the interest, likes and preferences of its users. Because of this, the administration can thoroughly develop and will have a guideline in creating career learning modules in order to minimize the risk of career mismatch offerings to its users. The software is designed to help individuals in making informed educational and occupational choices. It directs in developing an individual's self-knowledge, educational and occupational exploration, and career planning. The software is applicable on desktops through web applications.</p>	
CLASSIFICATION	KEYWORDS
IPC: G09B 7/02; IPC: G09B 7/06; IPC: G06F 16/27; IPC: G06Q 50/20;	KC1: learning management, digital portfolio, social platform, career knowledge  KC2: monitoring, evaluation, learning management system, eLearning, tracking  KC3: profile, resume, record  KC4: social networking, internet community  KC5: career guidance, career enhancement

### SEARCH STRINGS AND DATABASES

DATABASE	SEARCH STRING	NUMBER OF HITS
Espacenet	monitoring AND evaluation AND progress AND achievement AND student	22 (en, de, fr)
	"learning management system" AND portfolio AND career	2 (en, de, fr)

	("digital portfolio" OR "digital profile") AND ("learning management" OR "distant learning" OR e-learning)	8 (en, de, fr)
	Learning management AND ("digital profile" OR portfolio OR resume) AND (evaluation OR tracking) AND ("career guidance")	22 (en, de, fr)
	"learning management" AND career AND portfolio AND (evaluation OR tracking)	47 (en)
	("social platform" OR "social networking" OR "internet community") AND ("learning management" OR eLearning) AND (profile OR portfolio)	11 (en, de, fr)
	("social platform" OR "social networking" OR "internet community") AND ("learning management" OR "eLearning") AND ("profile" OR "portfolio") AND "career"	33 (en, de, fr)

## RELEVANT DOCUMENTS

CATEGORY	PATENT NO	TITLE/ABSTRACT	PUBLICATION DATE	RELEVANT TO CLAIM
Y	<a href="#">US6651071B1</a>	User interface educational database system for monitoring proficiency, performance and evaluation of student	2003-11-18	<p><b>Similarities:</b> A database system designed to track the achievements of students of an educational institution. A device in which a person indicates when a student has satisfactorily completed a performance assigned.</p> <p><b>Differences:</b> The system to be proposed is that after every evaluation, students will be given certificates, badges, or awards for every evaluation that is completed.</p>
Y	<a href="#">KR102143586 B1</a>	System for supporting core competency reinforcement activity and learning of learner based on goal and career and method thereof	2020-08-11	<p><b>Similarities:</b> A system that supports the management of activities and learning management of goals and career competencies</p>

				<p>according to the career and goals of the learner by creating a portfolio to raise practical indicators for employment.</p> <p><b>Differences:</b> The system to be proposed has a feature of a social network within the educational institution that would help users be more connected to other students that have the same goals.</p>
Y	<a href="#"><u>WO2015034937A1</u></a>	SYSTEM AND METHOD FOR INTERFACING WITH STUDENT PORTFOLIOS	2015-03-12	<p><b>Similarities:</b> Digital portfolio shows the student's academic achievements.</p> <p><b>Differences:</b> The software to be proposed includes the analytics of student progress.</p>
Y	<a href="#"><u>WO2019195127A1</u></a>	LEARNING MANAGEMENT SYSTEM FOR TASK-BASED OBJECTIVES	2019-10-10	<p><b>Similarities:</b> A learning management system that monitors and assesses the task-based objectives of the user, which are managed by a digital portfolio for assessing the performance of the user.</p> <p><b>Differences:</b> The system to be proposed shows all of the user's achievements and accomplishments through workshops attended and skills gained in which is</p>

				used for future prospects.
Y	US10346803B 2	Internet-based method and apparatus for career and professional development via structured feedback loop	2019-07-09	<p><b>Similarities:</b> The system uses a virtual profile of a candidate that includes resume, text, video and a document to be used in an interview and afterwards for generating feedback and reviewing feedback.</p> <p><b>Differences:</b> The system to be proposed utilizes the use of a virtual portfolio but not for conducting interviews. It has a feature that shows the credentials and analytics of students. Feedbacks are given by the administration of an educational institution.</p>
Y	KR101352602 B1	A CAREER GUIDANCE SYSTEM AND METHOD THEREOF USING BIG DATA	2014-02-06	<p><b>Similarities:</b> A career guiding system and method for preparing and providing a career path.</p> <p><b>Differences:</b> The proposed system relates to a learning management system that will help guide students to their preferred and suitable career path. A set of learning materials are provided in the system.</p>
A	US200927623 1A1	Method and System for Job and Career Guidance, Planning, Strategy and Workforce Development	2009-11-05	<p><b>Similarities:</b> A method for career guidance and</p>

				<p>planning comprising the steps of receiving an electronic request for guidance relating to procuring a job role in a particular job category.</p> <p><b>Differences:</b> The system to be proposed is designed for students in an educational institution to properly equip them with skills that are useful in the industry. Modules and different learning materials are provided within the system.</p>
Y	KR102191671 B1	e personalized learning method based on social learning and e-portfolio and system	2020-12-16	<p><b>Similarities:</b> An e-portfolio that shows the users' certified competencies which are useful in future jobs or careers.</p> <p><b>Differences:</b> The e-portfolio serves as an output of achievements and accomplishments rather than be used for determining a user's preferred learning method.</p>
Y	EP2660772A1	Method of sharing knowledge and information between learning communities	2013-11-06	<p><b>Similarities:</b> A software where people can learn, communicate and interact through a social platform.</p> <p><b>Differences:</b> The system to be proposed only allows students to</p>

				use the social platform system, aside from a few teachers, as the system is dedicated to students.
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**\* Special Categories of Cited Documents:**

**"A"** document defining the general state of the art which is not considered to be of particular relevance

**"X"** document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

**"Y"** document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

**Note:** Further references not indicated in this search report may be cited during the substantive examination.

## NON PATENT LITERATURE

CATEGORY	REFERENCE	RELEVANT TO CLAIM

## CERTIFICATION

SEARCH CONDUCTED BY	SEARCH REVIEWED BY
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Division/Department: Cebu Institute of Technology - University	Division/Department: