GTU - Prior Art Search

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Patent Search & Analysis Report (PSAR)

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Part - I : PATENT SEARCH TECHNIQUE USED

Patent Search Database Used	:	Google Patents
Keywords Used for Search	:	Digital learning,Intelligent Learning,Learning system
Search String Used	:	Digital learning
Number of Results/Hits getting	:	40,000

Part - II : BASIC DATA OF PATENTED INVENTION/BIBLIOGRAPHIC DATA

Category/Field of Invention	:	COMPUTER ENGINEER
Invention is Related to/Class of Invention	:	LEARNING SYSTEM
Title of Invention	:	SELF-MANAGEDINTELLIGENTLEARNING SYSTEM
Patent No.	:	US2011/0129808A1
Application No.	:	12/995,072
Date of Filing/Application	:	29/05/2009
Priority Date	:	29/05/2009
Publication/Journal Number - (Issue No. of Journal in which Patent is published)	:	US2011/0129808A1
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Country	Patent No

Applicant for Patent is	:	Individual

- INVENTOR DETAIL

Name of Inventor	Address/City/Country of Inventor
Sandeep Srivastava	New Delhi/India

- APPLICANT/ASSIGNEE DETAIL

Name of Applicant/Assignee	Address/City/Country of Applicant
Sandeep Srivastava	New Delhi/India

Part - III : TECHNICAL PART OF PATENTED INVENTION

Limitation of Prior Technology/Art :

Education is a very personnel-intensive domain. The eye contact, body language, verbal explanations, copy checking, sketches on the blackboard, counseling etc. are all very integral to the process of instruction and learning Infact , all interventions to improve the quality of education have centered around the quality of time and knoWledge of the teachers. All the educational portals, including I.T.-based home schooling, have also factored signi?cant role of the actual physical context/neighbourhood of the learnersi teachers,'caringadults',tutors,student peers ensuring quality learning gains of the students.

Specific Problem Solved/Objective of Invention :

The principal object of the present invention institut is to provide a self-managed digital learning system With a specialized access device that is child-safe' (safe for vieW/ read/audio for children), enhances the learning experience and suitable for personal possession for personaliZed and secure access to educational resources and community. This system has embedded intelligence based on longitudinal and latitudinal analysis of the choices made by the users on the system.

An object of the present invention is to provide a device and system Which enables educational institutions to become the sole provider of institution a education Without any need for any supplementary education outside the insti tutionandthefamily.

Brief about Invention :

Accordingly the present invention relates to, a 360° learning system Wherein the system is creating the next generation education system, a self-managed learning ecosystem, a personalized learning context for each learner,by In yet another embodiment of the present invention, enablingauniquelyintegratedandcomprehensivedigital the system can Work With any computing device such as content and process platform that has 360° span of associa tion With respect to individual users, institutional users, domain,enablements,access,benefits and hardWare.

Key Learning Points :

As compared to e-tutoring systems Where man poWer is the key element in order to deliver the service, the present system is an 'intelligent system' and does aWay With the necessity of live and 'trained /teacher' manpoWer to address the tutoring bene?ts and live tutor becomes an optional, occasional need. The present invention provides personalized learning With the help of an intelligent learning system. Unlike the more common 'rule -based' intelligence embedded learning system that essentially engages in 'face less' interactions With the users, the 360° learning system is operative only on a user aftera threshold amount of clicks and choices on the 360° learning system by that user. The present invention involves self-tutoring-diagnostics With minimal textandmaximum animatedvisualisationandindirect(hid den assessments) diagnostic assessments and assignment checker. The present invention also provides for a complete integration of all stakeholders around the user to offer con tinuing re-inforcement to the user for development and also enable along it udinal development plan of users ' each inter actionWiththe360°learningplatform.ThisisshoWninFIG.

Summary of Invention :

Accordingly the present invention relates to,a360° learning system Wherein the system is creating the next generation education system, a self-managed learning ecosystem,a personalized learning context for each learner,by In yet another embodiment of the present invention, enabling a uniquely integrated and comprehensive digital the system can Work With any computing device such as content and process platform that has 360° span of associa tion With respect to individual users, institutional users, domain,enablements,access, benefits and hardWare.

Number of Claims   : 228

Patent Status	:	Published Application
How much this invention is related with your IDP/UDP?	:	71 to 90%

Do you have any idea to do anything around the said invention to improve it? :

Connection should be consistent and it should be efficient enough to give benefits.