Islamic Religious Education Learning Design by Learning Management System (LMS) Assessment of the PAI KKG Group In The Covid-19 Pandemic Era

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Abstract: The world is changing with the Covid-19 pandemic; changes occur in all life, including the education sector. The most visible consequence of the shift in education on the sidelines of the Covid-19 pandemic is the evolution of studying education. Schools must be mature in carrying out distance learning as an alternative to face-to-face learning. The distance learning system has characteristic provocations that inevitably have to be implemented. Learning design is a procedure and the implementation of learning as a whole. This includes learning objectives, learning methods and learning evaluation. In addition, appropriate media is needed to facilitate the transfer of knowledge from a teacher to students effectively. Because learning design is a strategy to apply technological media that has been prepared according to learning needs. Therefore, a learning implementation plan is needed and by existing conditions to realize learning goals. Teacher productivity is needed, especially PAI teachers in this Covid-19 pandemic era, so they must stop using standard or straightforward techniques. The Learning Management System is an alternative solution for distance learning in this pandemic era. Learning Management System (LMS) is a software application or software for online activities. There is training content or software for planning, electronic learning programs (e-learning programs), virtual classrooms, and instructor programs. The guided, delivery, and management of learning activities within an organization, including 'online.' LMS combines traditional courses with digital media or interactive tools such as online and offline tutoring, virtual live sessions, and discussion forums.

Keyword: Learning Management System (LMS)

Introduction

Learning Management System (LMS) is an abbreviation of electronic learning. Learning can be interpreted as learning using electronic media if viewed from the wording. Learning means learning using a Learning Management System (LMS), an engineering program, procedure, instrument related to software, or a systematic application for online and offline learning practices. The majority are in education, guidance, and activities that use the internet network to access. As quoted in the opinion, Ellis Ryann K. (2009). Learning Management System (LMS), according to Waryanto & Insani (2013), is defined as the delivery of learning content or learning experiences electronically using computers and computer-based media. Another definition of learning is put forward by Khan (2005). Learning can be viewed as an innovative approach for delivering well-designed, learner-centered, interactive, and facilitated learning. Environment to anyone, anyplace,

anytime by utilizing the attributes and resources of various digital technologies and other forms of learning materials suitable for open, flexible, and distributed learning environments.

Learning is created to overcome the limitations between educators and students in terms of time, space, conditions, and circumstances. Educators and students do not have to be in one dimension of space and time through learning. Based on the quote from Amiroh (2012: 32), Learning Management System (LMS) or Course Management System (CMS), besides being known as Virtual Learning Environment (VLE), is a software application that is used by teachers, both high school or campus and madrasa schools, used in the internet-based online learning process (Learning).

Internet-based learning with the e-learning model, namely online, offline (although only through a computer or laptop straightened up), is in sync with (chat, video conference). E-learning learning education has a self-faced character. E-learning has the characteristic of learning through independent techniques. Even with a student-centered character, students have the power to decide about learning. How to learn it (group or individually) A learning management system (LMS) or Learning platform is dedicated to offering virtual education and online environmental training in software. From several opinions regarding the notion of learning, it can be concluded that learning is learning by utilizing information and communication technology to take place anywhere, anytime, and anywhere. With learning, learner-centered learning can be done easily in the daily learning process via the internet because of the following:

The availability of computer equipment and internet network facilities. Different learning strategies for each student or a class adapted to the conditions of the student or class. Students can be actively involved in formulating the learning materials they want to learn, even changing them through the Learning website. Students can evaluate the process and results of their learning. The teacher acts only as a supervisor or director. If students want to express opinions, ask questions or discuss a problem, consult the teacher via the internet. These stages are adapted to school conditions:

1. The first stage, namely Learning Management System-based learning, is described as a face-to-face process in the Classroom with digital content as a supplement. At this stage, the teacher is the presenter of the material. The digital content submitted is only added, so it does not have to be submitted. The learning process is limited by space and time.

2. The second stage, namely learning based on the Learning Management System, is described as a face-to-face learning process in the Classroom with digital content as a compliment. In this condition, the teacher is still the presenter of the material. Some digital content must be delivered because it is included in the curriculum structure, while the learning process is still limited by space and time.

3. The third stage, namely learning based on the Learning Management System, is described as an integrated ICT advance into the learning process. All learning content is digital and must be submitted because it is included in the curriculum structure. Students can access learning content without being limited by space and time, and the teacher acts as a tutor. Learning management does not use ICT, so there is still manual learning management intervention.

4. The fourth stage, namely learning based on the Learning Management System, is described as a learning process that has been integrated with the advancement of

ICT (united like an infusion that cannot be distinguished between intravenous fluids and blood). Students learn independently and online in this condition, which is not limited by space and time. The teacher at this level acts as a tutor. Learning management uses the Learning Management System application.

Meanwhile, the types of learning are as follows: Kinds of Learning according to Horton (2006: 2) are as follows.

1. In standalone courses, subjects are taken by students themselves without interacting with instructors/teachers or classmates.
2. Virtual-classroom courses, online classes designed like learning in a classroom. Learning can be done synchronously in online meetings or asynchronous online meetings.
3. Learning games and simulations present simulation activities that require exploration and can produce an invention.
4. Embedded Learning, a Learning that is included in another system, such as a computer program, diagnostic procedure, or online Help.
5. Blended learning, using various forms to achieve a learning goal. Learning is done by combining meetings in the Classroom and Learning or Learning that combines several forms of learning.
6. Mobile learning is carried out with the help of mobile devices, such as PDAs and smartphones.
7. Knowledge management, widespread use of learning, documents online, and conventional media to educate populations and organizations as a whole rather than individually.

Result And Discussion

To improve online learning activities during the COVID-19 pandemic, PAIKKG, Dander District, Bojnegoro Regency, it is necessary to have a well-structured activity plan so that the direction of activities will run according to the predetermined program, trying to arrange a work program in the hope that it can be carried out well and achieve optimal goals with efficient performance. It should be realized that the PAI KKG requires the support of all PAI teachers and there needs to be cooperation with all educational components, including elements of personal management. In addition to improving learning during the covid-19 pandemic. The main steps of the learning system design model are (1.) Identifying learning objectives, (2). Conducting instructional analysis, (3.) Student and context analysis, (4.) Formulating goals specific learning, (5.) Developing research instruments, (6.) Develop learning strategies, (7.) Use of teaching materials, (8.) Design and develop formative evaluations, (9.) Revise learning programs, (10.)) Design and develop a summative assessment. Below are the components of research related to PAI learning design based on the Learning Management System (LMS):

a. The first research component is to determine the purpose of using PAI learning designs in the era of the covid-19 pandemic.

In the era of the covid-19 pandemic, KKGPAI learning in Dander District used a Learning Management System (LMS)-based learning design for distance learning, learning based on the Learning Management System (LMS) must be utilized as best as possible by educators, especially Islamic religious educators, in the era of a covid-19 pandemic.

Utilization of the Learning Management System (LMS) in the learning process is a must so that the distance learning process in the Dander Bojonegoro sub-district runs well and smoothly, especially if it is supported by the existence of complete infrastructure facilities at each educational institution to be more supportive in teaching and learning activities. In the Design of PAI, learning must be done immediately, especially in internet-based learning methods. KKGPAI in designing PAI learning using Learning Management System (LMS) based learning using google classroom and E-learning portal. Using the Sifajargoro Application, PAI Student Application, YouTube, Google Classroom, Whatshap, Google Form, Quiz. KKGPAI also held training for GPAI in the use of the application.

With Covid-19, it's not a barrier to online learning. Learning can be through any media depending on the situation, situation, and condition. As educators and supervisors, we continue to monitor online learning as a form of responsibility. The learning designed by the PAI KKG is good by the conditions, and it should not be only the administrators who are involved, but all GPAI must be involved without knowing any reason, including old age.

In addition to the interviews above, the researchers also made observations related to KKGPAI activities in designing PAI learning based on the Learning Management System (LMS) in the ongoing Covid-19 pandemic, namely researchers saw learning media such as the Sifajargoro Application, PAI Student Application, YouTube, Google Classroom, Whatshap, Google Form, Quiziz in every school institution used by teachers in distance learning activities so that teaching and learning activities take place well and smoothly especially supported by the existence of complete infrastructure facilities at each educational institution to be more supportive in learning activities distance teaching. Henceforth, from interviews that have been conducted by researchers with Islamic religious education teachers:

That PAI learning based on the Learning Management System (LMS) in the era of the COVID-19 pandemic immensely helped the learning process in their respective educational institutions. Of course, I appreciate designing PAI learning based on the Learning Management System (LMS). The system makes it easier for students to study at home or remotely. They are coupled with the Sifajargoro Application, PAI Student Application, YouTube, Google Classroom, Whatshap, Google Form, Quiz.

b.   The second research component is instructional analysis.

From the several interviews mentioned above, it is clear that in teaching and learning activities in the Dander Bojonegoro sub-district, distance learning (PJJ) has designed PAI learning in the COVID-19 pandemic era using Learning Management System (LMS)-based learning media, especially based learning media, one of which is using an application. sifajargoro, PAI Student Application, YouTube, Google Classroom, Whatshap, Google Form, Quiziz. as distance learning media.

Although its use is still limited to options, the existence of learning devices has greatly helped teachers in distance learning activities (PJJ) during the covid-19 pandemic. LMS can support learning procedures such as assessment, attendance, giving lesson materials, giving assignments, etc. KKGPAI Dander District in designing PAI learning in the Covid-19 pandemic era using (LMS) through the Sifajargoro application, PAI student application, YouTube, Google classroom, Whatsahap, Google form, quiz. However, in practice, many teachers are still technically clueless (technological stuttering) due to the lack of mastery of

computers and the limitations of supporting infrastructure during distance learning, especially regarding technical support and internet networks. Not all rooms have Internet facilities; perhaps this is related to the issue of the availability of electricity, telephones/mobile phones, computers or laptops, quotas, or even the level of the economy.

Weaknesses in using the Learning Management System (LMS), Weak relationships can delay the creation of values during learning practices. Another advantage is that teachers can control student growth, channeled comfortably, budget costs are more affordable, study times are flexible, broad insight. During the COVID-19 pandemic, schools must use the PAI learning system based on the Learning Management System by the International Technology Education Association (ITEA) standard.

Standards relating to IT capacity that must be shown to recipients in the utilization of IT technology and to help practice learning. However, when distance learning (PJJ) is in this pandemic era, only a few educational institutions have planned guidance. KKGPAI Dander District provides training services for all GPAI because it can grow the skills of teachers and students when managing IT; in the distance learning process (PJJ), in the pandemic era challenges and obstacles are not only limited to technology support facilities and internet networks. Not all rooms have Internet facilities. Perhaps this is related to the issue of the availability of electricity, telephones/mobile phones, computers or laptops, quotas, or even the level of the economy.

However, the weakness in using the Learning Management System (LMS), in the investigation that I carried out was the weak relationship between teachers and students, especially between students. Weak relationships can delay the creation of values during learning practices. Another advantage is that the teacher can control student growth, channel it comfortably, and have a more affordable cost budget, flexible study time, and broad insight. Learning assessment is the last cause that helps the successful implementation of distance learning (PJJ) during the pandemic era. The various conditions in the field certainly create obstacles, especially in the actualization of distance learning.

In addition, schools must use the PAI learning system based on the Learning Management System by the International Technology Education Association (ITEA) standards. Standards relating to IT capacity must be shown to recipients to utilize IT technology and help practice learning. However, in this pandemic era, only a few educational institutions carry out planned guidance when distance learning is in this pandemic era. KKGPAI provides training services for all GPAI because it can grow the skills of teachers and students when managing IT in the distance learning process (PJJ). Chair of KKG PAIDrs. Pamuji (W/03/02/2021).

c. The third component is about formulating specific learning objectives.

From interviews conducted by researchers with informants, related to the use of learning media based on the Learning Management System (LMS) in increasing student learning motivation in the pandemic era is adjusting between materials and media to be used, making lesson plans, and choosing visual images that match the material to be studied—delivered through applications in teaching and learning activities so that the material delivered can be right on target. In addition, to increase student motivation in learning, especially in Islamic religious education lessons, in preparing the lesson plans it is intended that the implementation of learning is fun and not boring so that with lessons that arefun,

students will be motivated to be more active and enthusiastic in learning even though in distance learning.

d. The fourth research component is developing learning strategies.

The first thing that must be done in this LMS is to record the added subjects in the LMS. Next, the school administrator must bring in students and school schedules to determine access to the LMS. After that, the school administrator must register the books that will be used in the learning process. Learning outcomes must be defined as a guide in determining subject topics. Next, the administrator must resolve the issues that will be used in each topic and upload the materials that will be used in each topic. Head of KKG PAIDrs. Pamuji (W/03/02/2021).

After the administrator, teachers, and students prepare the contents of the LMS can access the material for each subject through the LMS. Teachers have access to additional materials other than those already provided. In this LMS system model, students and teachers can communicate or discuss through discussion forums. Teachers can give quizzes in the form of multiple-choice, short answers, and essays through this LMS, and students can upload student answers. For multiple-choice questions and short answers, students will automatically grade them, while for essay-type questions, the teacher must assess the answers uploaded by students. Based on the process described in the Learning Design Program activity above. In general, this Learning Management System will be run by three actors, namely school administrators, teachers, and students. The main task of the administrator is to prepare initial data that will be used for the LMS, such as school schedules, subject data, lesson topic data, and learning materials.

Teachers and students are users of the LMS, where teachers and students can access learning materials that the administrator has uploaded. Especially for teachers, teachers will have additional access to upload supplementary material other than those already provided by the administrator and can give quizzes. As for students, students can answer the quiz that has been given. The chairman of KKGPAI, Pamuji (W/02/09/02/2021).

e. The research component is the five stages of designing teaching materials.

The learning management system design for schools is continued at the user interface design stage. The user interface is designed as simple as possible to make it easier to use the provided system. Displays a screen design for listing subject topics. Topics must be recorded every school year by selecting a subject, and then the administrator can choose the book to be used in a particular subject. After determining the book, the administrator will determine the topics that students will study, and for each topic, the learning outcome associated with clicking the mapping button must be determined. In each topic, administrators can fill in the information in the form of a detailed explanation of the topic and upload materials used on the topic.

Teachers and students can view lesson plans that the administrator has recorded through the Lesson Plan page. Teachers and students can see the books used and the topics taught and download existing learning materials on this page. There is a button to upload additional material on the teacher's lesson plan view page. When uploading additional material, the teacher can choose which classes can download the material. Meanwhile, students can only download additional materials that the teacher has uploaded. On the forum page, teachers and students can discuss topics in the subject matter. Teachers and

students can create new discussion topics and submit comments for the given discussion topics.

1. Activities in the field of teaching preparation:
   a) Preparation of semester plans
   b) Preparation of Learning Implementation Plan
   c) Preparation of daily plans
2. Discussion about learning tools and media
   a) Types of tools and media that need to be used in learning
   b) Provision of tools and media
   c) How to use PAI tools and media
3. Develop teaching materials in online learning in the form of student activity sheets (LKS) uploaded to the PAI KKG application and the use of learning media. The Sifajargoro application, PAI student application, YouTube, Google classroom, Whatsahap, Google form, quiz.
4. Training of learning models. After attending this training, it is hoped that PAI teachers will be able to apply online learning models that are by the material during distance learning.
5. Development of assessment system. This program aims to make PAI teachers choose and use assessment tools appropriate to the material.
6. Analysis of items, the questions are mid-semester test questions (UTS), semester questions, and final exam questions; it is hoped that the PAI teacher can analyze the items which are then uploaded through the Sifajargoro application, PAI student application, YouTube, Google classroom, Whatsaap, Google forms, quiz.
7. Prepare the Grid and Semester Questions and School Exams It is hoped that PAI teachers will be able to make grids and questions so that grids and questions are formed together, which are carried out by members of the PAI KKG studio, Dander District, Bojonegoro Regency.

Below are the steps for using various LMS-based PAI learning media:
1) How to Use Google Classroom During Distance Learning at KKG PAI, Dander Bojonegoro District:
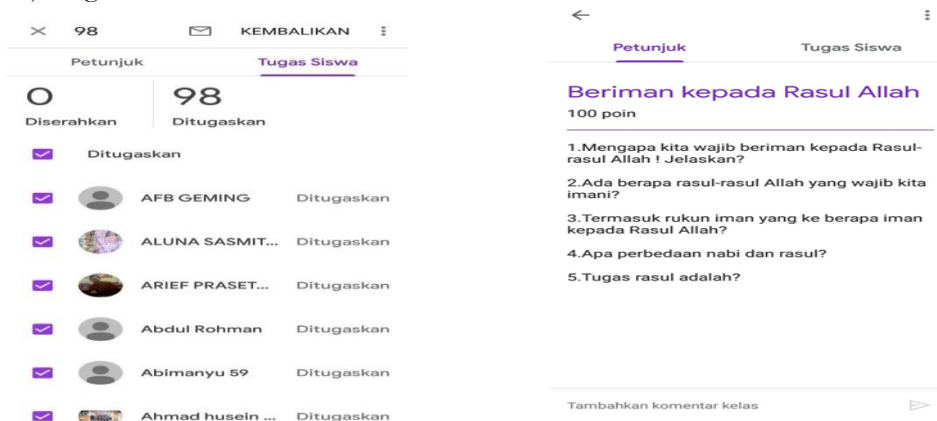
Learning using google classroom

In the material, let's get to know the apostles of Allah. The teacher provides distance learning material using Google Classroom to access the application. Both students and teachers

must download the application. Once you have the app, select Sign in for the first time before starting: Install the Classroom app on the device. For details, see the Get the Classroom app. Tap Classroom." Services and Privacy Policy, then tap I agree. If using an Education Fundamentals account, tap I'm a student or a teacher. Then to access other areas of Classroom, go to menu to access: Classes and then open your class. View calendar to see deadlines and access items. Assignment lists to review assignments for your class—settings to change profile photos, passwords, and notifications. Start using Classroom; if a teacher, you can create classes. If you are a student, you can join classes. On lets materials know the messengers of Allah.

2) How to Use Google Forms During Distance Learning

Learning using google forms

From forms.google.com, click Blank or choose a template. Then from drive.google.com, click New > More. Next to Google Forms, point to the right arrow and click Blank form or From a template. Name your form: In the top left corner, click Untitled form or form template name and enter a new name. On (Optional) Add a description: Under the form's name, add your text. And on (Optional), Change the background color or theme: Click on the Palette and then choose a color or theme. The 'Editor' feature is straightforward to learn and use. Your created form will fill the center of the screen, with space for the title and description followed by the form fields. Click a form field to edit it and add a question. The use of google forms for student teachers will provide assignments, questions, or quizzes in a student survey, given a survey link, and clicking on it. Students can answer the survey via google forms according to the questions given by the PAI teacher.

2) How to Use YouTube During Distance Learning

Learning using youtube

In believing in Allah's Apostle, the PAI teacher uses the youtube application to explain the material; the teacher makes the material and then uploads it to youtube. To use the application, students must log in using the student's Google account. By logging in, you get various benefits, including commenting, saving videos to watch later, and uploading videos. Use the search bar to search for videos when looking for material provided by the PAI teacher. The youtube search bar runs like the google search bar and will display predictive results from searches. When searching for videos, you can usually enter terms from learning materials. Search YouTube channels; if you don't know exactly what you are looking for, students can browse related learning materials on YouTube by clicking the "Browser channels" button in the menu. Left navigation.

4) How to Use Whatshap During Remote Learning

Learning using WhatsApp

First, students must download the WhatsApp application; after that, they can register using a student account by entering their Gmail, then after being accessed, students can use whatshap. Previously, the teacher prepared the learning material and then sent it via chat or messages through the group. PAI teachers provide information or direction in working on assignments or materials

given to students. The tasks given can be in writing, photos, or videos which are then uploaded on WhatsApp.

5) How to Use "AGPAII Digital Application for PAI Students" During Distance Learning
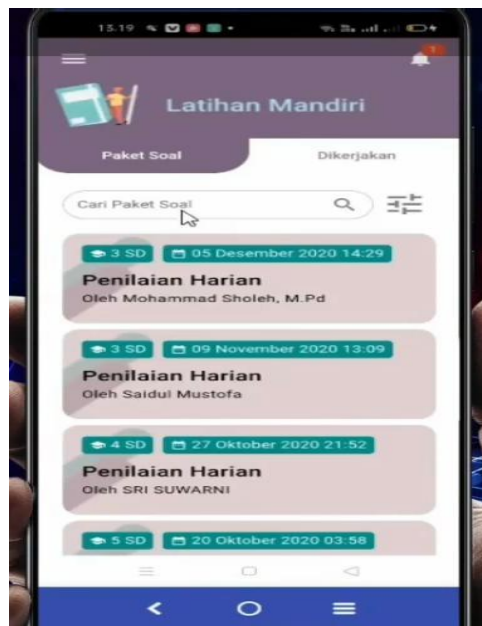
Learning using digital AGPAII

Using it first: students must have the AGPAII application PAI students by downloading. After that, log in to the application using the student's email account. After successfully logging in, students can directly use the AGPAII application digitally. In the application menu, there are several menus such as question work options menu, self-practice menu, discussion menu, class menu, module menu. To enter the menu, you must enter an email account. In the AGPAII application on the digital, each student working on a question or task will receive a reward in the form of a coin so that students will be topped for the spirit of working on the task- the task of the questions given during distance learning. In independent practice, if students want to re-work the functions that have been given? PAI STUDENTS present independent training features that can be the solution.

Through the self-practice feature, students can re-work tasks - tasks that have been given, so that students can practice continuously to get better results. The room found a problematic question in the discussion and wanted to discuss it with a friend? That can be done by using a discussion room. Students can upload questions into the discussion room, and other students can discuss and help answer those questions.

6) How to Use "Quiziz" During Distance Learning
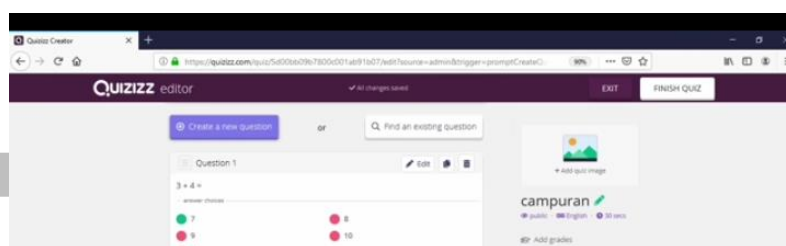
Learning using Quiz.

Quizzes can be opened through the website or application, with the provision, the application only for students and teachers must go through a browser. The first feature presented is how to explore the questions in the quiz to be used offline. The questions can be saved, printed, even converted into words to be given to students. Of course, this quiz makes it very easy for teachers to find reference questions. "Quiz only, I haven't played a quiz yet, it's already useful for parents because in this quiz there are a lot of quizzes that can be used as inspiration for free," in this quiz there are features that provide five types of questions, namely multiple-choice, box check, fill in the blanks, selection/survey, and open-ended/essay. To try to create one example question by utilizing the image and audio insert feature. It is still rare to use audio features in Indonesia, whereas audio can make things more exciting and interactive. "If, for example, a quiz contains text, all students may be bored; if it is replaced with a sound image, it will be more enjoyable.

Further in creating classes or integrated with google classroom. According to him, there are two options: to create a class directly in the quiz or import google classroom. The advantage if it is integrated with google classroom is that teachers can directly assign quizzes without copy-paste, link, or game code first

Conclusion

PAI learning design in KKG PAI group in the era of the covid-19 pandemic in Dander Bojonegoro subdistrict, namely the internet can be used to transfer knowledge from teachers to students. Learning that utilizes the internet is one of them is the learning medium learning management system (LMS). Online learning or distance learning is learning without face to face directly between teachers and students. Online learning or distance learning is considered very effective in breaking the chain of transmission of the covid-19 virus. The appropriate learning model, given by teachers to students during the covid -19 pandemic, especially in primary school students or madrasah ibtidaiyah, should be fun, flexible, concise, and easy to understand by students. The process of implementing PAI learning in KKG Dander Bojonegoro District in designing learning that uses learning based on Learning Management System (LMS) by utilizing applications namely Sifajargoro, Digital Application of PAI Students, YouTube, Google Classroom, Whatshap, Google Form, Quiziz conducted by lecture method as a student learning resource center addition, schools must be able to use the PAI learning system based on the Learning Management System in accordance with the standardization, the International

Technology Education Association (ITEA). Standards related to IT capacity must be shown to the recipient in utilizing IT technology and assisting in learning practice. However, during distance learning (PJJ) in this pandemic era, only a small number of educational institutions implement guidance in a planned manner. KKGPAI provides training services for all GPAI because it can grow the skills of teachers and students when managing IT, in the process of distance learning (PJJ), in the era of pandemic challenges and obstacles, not only the limitations of facilities supporting technology and internet network.

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