

Content, Benefits and Development of *Pesantren* Online in Indonesia

Bambang Winarko

Indonesian Center for Agricultural Library and Technology Dissemination,
Bogor, Indonesia

E-mail: bwin64@yahoo.com

Abstract

Pesantrens are traditional Islamic boarding schools in Indonesia. Pesantrens play significant roles in education, particularly Islamic teaching synergy with the secular education systems. However, Pesantrens these days are facing an environment that could be detrimental to their existence as a traditional education system. This challenge comes from the Internet technology penetration in Indonesia, which brings about changes in almost all aspect of living. This paper describes the application of Internet technology in Islamic teaching and the role of Internet technology on Pesantren online. The study was conducted by searching the available Pesantrens online using search engines, and investigated the content to reveal the applied Internet technology, benefit of Internet technology for Pesantrens, content of the Pesantrens' web sites, and a comparison between the previous and present investigation of Pesantrens online. The study found that information about the 46 pesantrens online were available in the Internet and uses 16 Internet technology applications. It also showed that Pesantrens had diverse roles such as informational, advertising and teaching purposes. The study revealed that the development of the pesantren online includes increasing the number of Internet technology application as well as the number of pesantren online.

Key Words: Pesantren; Islamic teaching; Websites; Internet Technology; Web content; Indonesia

1. Introduction

Indonesian education system is separated into 2 categories namely school education system and out of school education system (Indonesia, 2000). The school education system provides education, which is organized in schools through teaching and learning activities. The education is characterized by the teaching and learning process which is gradual, hierarchical, and continuous. Out of school education system provides an education, which is characterized by the process of teaching and learning that are not held formally in a class, is non gradual and discontinuous.

Pondok pesantren (Traditional/Moslem Boarding School) is an out of school system where Muslims learn, understand, master, comprehend, and practice the Muslim way of life (Ensiklopedi Islam, 1993). The pesantren is characterized by the availability of (a) Pondok, a dormitory where santri (pesantren students) stay; (b) Mosque where prayer and other Muslim rituals are conducted; (c) *Kitab Kuning*, Islamic handbook written in the Arabic alphabets teaching; (d) Santri, students of a pesantren; and (e) *Kyai*, the owner, leader and teacher of a pesantren. Based on characteristic of where the santri stay and teaching and learning method used, a pesantren can be distinguished into 3 types namely: (a) the traditional pesantren where the santri stay in dormitory and uses traditional method of teaching and learning; (b) the pesantren kalong where the santri stay in neighboring areas and uses traditional methods of teaching and learning; and (c) modern pesantren, where the santri stay inside or outside the Pesantren and a modern curriculum is used in this type of Pesantren.

Pesantren plays important roles in Indonesia. The roles include helping to decrease moral decadency (Bali Post Online, 2000; Hassanbasari et al., 1996; and Hasan, 1999 in Ma'mum, 1999), in political changes, in social relationships and in economic efforts

(Purba, 2000; Delivery, 2000; and Pesantren Al-Qur'an dan Teknologi Duriyat Mulia, 2000). However, pesantrens these days are facing an environment that could be detrimental to their existence as a traditional education system. This challenge is coming from the Internet technology penetration in Indonesia, which brings about changes in almost all aspect of living. This paper reports the results of a study on the application of Internet technology in Islamic teaching and the role of Internet technology on pesantren online. The basic questions addressed in this study were: Did Internet technology changed the pesantrens? And if so, how did Internet technologies change them? It also examined the development of pesantren online in Indonesia since the year 2000.

2. Methodology

The study was carried out by using the content analysis approach following these steps:

- (a) The study started off with locating the previous available pesantren online obtained in year 2000. The URLs of available pesantren were searched using the Fire Fox Internet browser. The accessed pesantren online were bookmarked for further analysis.
- (b) Available pesantren online which cannot be accessed was located using search engines such as Yahoo, Google, and Ixquick to ascertain whether they have changed their URL address. These pasentrens were also bookmarked..
- (c) The searching were continued by using selective keywords to locate new pesantren online. *Pesantren*, *pondok pesantren*, and Islamic boarding school were key words employed to locate pesantren online in the Internet. Again, Yahoo, Google, and Ixquick were used to locate the new pesantren online available in Internet. The located pesantrens online were also bookmarked for the further investigation.
- (d) Content analysis was carried out to investigate the Internet technology applied, content of the web, benefits of the web to the pesantren, and the development of pesantren online.

3. Result and Discussion

(a) The Pesantrens Available Online

A total of 46 pesantrens were located online from the Internet (Appendix 1). Further investigation revealed that 3 pesantrens are inactive, namely, pesantren Al-Qadir, Bahrul Hikam, and Mambaul Falah. These pesantrens provide little information to the santri. Pasentrens Gontor cannot be accessed. The pesantrens available online can be classified into 2 types. Type 1 comprises the official websites of established Pesantrens. Most of the Pesantren available online (39 websites or 84.78%) belongs to this type. The remaining pesantrens available online (7 websites or 15.22%) are type 2 pesantrens that are not affiliated to any traditional/modern pesantren. The establishment of pesantren online type 2 was to answer the need of Islamic information of people who has no access to any traditional/modern pesantren. This access is limited by the time availability to stay in traditional/modern pesantren or limited by the distance of the traditional/modern pesantren to the santri. The distribution of the type 1 pesantrens is in 7 provinces in Indonesia located in East Java (16 pesantren, 41.03%) followed by West Java (9 pesantren, 23.08%), Central Java (5 pesantren, 12.82%), DKI Jakarta (4 pesantren, 10.25%), DI Yogyakarta (3 pesantren, 7.69%), Riau (2 pesantren, 5.13%), and Aceh (1 pesantren, 2.56%).

(b) Internet Technology Used by the Pesantren Online

The investigation on available pesantren online showed 16 Internet technology applications were employed.

- i. *Website*. All available pesantren online use this Internet technology application. This application is used to deliver messages, information, and teaching material

from the management of the pesantren to the santri. It also becomes a place where other Internet technology applications in the pesantren are embedded.

- ii. *Webmail*. Webmail is an electronic mail provided by the pesantrens. Four pesantrens provide web mail to their users namely, pesantren As-Salam, Darul Ulum, My Qur'an and Tebuireng.
- iii. *Usenet Newsgroups*. This is a forum where santri can upload and download messages, picture, sound, and video. The pesantrens which provide this Internet technology application are pesantren Al-Anwar Sarang, Al-Hikam, Langitan, Mambaus Sholihin, My Qur'an, Qalbun Salim, Sabilia, Sidogiri, Tebuireng, and Ukhuwah.
- iv. *Listserve*. Listserve or mailing list is a media used by members of the pesantrens to communicate with each others and to distribute messages via electronic mail. Six pesantren websites provide such mailing list facilities; pesantren Akmaliah, Al-Azhar Jawa Timur, Darun Najah, Jaringan Islam Liberal, Sidogiri and Virtual.com.
- v. *Chat Rooms*. Chat rooms enable santris to communicate with each through messaging each other. Chatting is a real time communication process. Out of the 46 pesantrens available online, only My Qur'an provides chat room for their users.
- vi. *Search Engine*. This feature enables santris to locate information from the pesantren websites or globally. Search engine is used by most of the pesantrens available online. Twenty pesantrens provide search engine.
- vii. *Memberships*. Membership allows santris to enter authorized only features. Some pesantrens provide memberships and allows santris to view their personal (private) data. Other pesantrens grant santris membership to communicate with each other using facilities such as chatting, mailing list, and forum. Thirty pesantren online provide this feature; pesantren Al-Anwar Sarang, Al-Mukmin, As-Salam, Langitan, Lirboyo, Mambaus Sholihin, Mambaul Falah, My-Qu'an, Qalbun Salim, Sabilia, Salafiyah Safi'iyah, Sidogiri, and Ukhuwah.
- viii. *Streaming*. This Internet technology allows santris to receive not only text or picture message, but also sound and video. In the pesantren online, this technology is used to broadcast Al-Qur'an recitations and Islamic teachings. Only six of 46 pesantren online use this technology; Pesantren Virtual.com provides streaming technology to broadcast both Al-Qur'an recitations and Islamic teachings. The remaining five pesantrens, namely pesantren Akmaliah, Darun Najah, My-Qur'an, Sabilia, and Ukhuwah use this technology for broadcasting Al-Qur'an recitations only.
- ix. *Downloads*. Downloads are technologies used for getting software or information from a certain website. Six pesantrens online namely, pesantren Al-Binaa, Al-Sofwah, Darul Ulum, Krapyak, Manbaul Falah, and Sabilia provide download features. This feature is used for downloading software, schedule, and praying manuscript.
- x. *Polling*. The polling feature tries to get opinion from the public. In the pesantren online polling is used to obtain santri's opinion regarding the latest issues on Muslim communities. Polling is also used by management to get santri's opinion on ways to improve their website. Pesantrens which include polling features in their website are pesantren As-Sofwah, As-Salam, Darul Ulum, Krapyak, Lirboyo, Qalbun Salim, Sabilia, Salafiyah Safi'iyah, Ukhuwah, and Tebuireng.

- xi. *Rating*. Rating is used for scoring articles contained in the pesantren website. Pesantren Akmaliah, and Pesantren Sidogiri use this feature.
- xii. *Links*. Forty pesantrens provide links to other websites. This feature allows the santri to browse other Moslem website and get information related to their need. Pesantrens that provide this feature are Al-Hikam, Al-Irsyad, Al-Kautsar, As-Salam, Darul Ulum, Darun Najah, Langitan, Mambaus Sholihin, Mambaul Falah, Qalbun Salim, Rahmatan Lil Alamin, Sidogiri, Suara Santri, and Tebuireng.
- xiii. *Guest Book*. Guest book is a feature where santri introduce themselves and send their messages openly. In several pesantrens, they named this feature as shout box. Fifteen pesantrens provide this feature, namely: Al-Anwar Sarang, Al-Binaa, Al-Hamidiyah, Al-Mukmin, Al-Qadir, Bina Umat, Darul Ulum, Langitan, Mambaus Sholihin, Mambaul Falah, Rahmatan Lil Alamin, Sabila, Salafiyah Safi'iyah, Suara Santri, and Tebuireng.
- xiv. *Clock and Calendar*. This feature provides the time and date of certain places. Seven pesantrens use this feature, namely, pesantren Akmaliah, Al-Anwar Sarang, Al-Binaa, Darul Ulum, Sabilia, Salafiyah Safi'iyah, and Ukhuwah.
- xv. *Counter*. Counter informs the number of santri hitting the website. Only six of the pesantren online use this feature namely pesantren Akmaliah, Al-Anwar sarang, Al-Mukmin, Sabilia, Suara Santri, and virtual.com.
- xvi. *Statistics*. Statistics appears on 13 pesantren websites, namely Al-Hikam, Al-Irsyad, Al-Kautsar, Darul Ulum, Darun Najah, Krapyak, Mambaus Sholihin, Mambaul Falah, Qalbun Salim, Rahmatan Lil Alamin, Sidogiri, Suara Santri, and Tebuireng.

(c) Website Content of Pesantren Online

Web content (features) of the available pesantren online varies from one pesantren to another and the differences range from a very simple website which consists of one feature to the very complex ones. The content of the website of each available pesantren online are as follows.

- (1). *Akmaliah*. The website of pesantren Amaliah consists of Al-Qur'anul Karim feature providing sound and images of the Qur'anic verses allowing santri to recite or just listen. This feature also allows searching parts of the Al-Qur'an which the santri want to read or listen, interpretations of the Al-Qur'an and Hadith. The websites also provide a collection of religious poems and articles in specific topics as well as works published by the pesantren.
- (2). *Al-Anwar Sarang*. The features provided by Pesantren Al-Anwar Sarang include informing the santri about the nature of the pesantren, activities carried out and news about the pesantren. The websites also provided collection of Islamic related articles and space for santri to discuss specific topics.
- (3). *Al-Azhar branch Jawa Timur*. The website of pesantren Al-Azhar an East Java branch include features that inform the santri about the organization, management of the pesantren, the education levels, activities of the pesantren and a list of schools and their addresses under the pesantrens head office. Electronic mail and mailing list is also granted to the santri.
- (4). *Al-Binaa*. Pesantren Al-Binaa website offers information about the profile of the school, the program of the pesantren, teachers, admission, and scholarships provided by the pesantren. The website also informs about the activities carried out in the pesantren, provide collection of articles and room to contact the management.

- (5). *Al-Fatah*. Pesantren Al-Fatah's website comprises Dzikir featuring information on the methods to remember God and provide links to LP3ER website. The website informs the santri about week end boarding school and list of study groups facilitated by the pesantren. This website also provides news and pay attention to the victims of Yogyakarta, 27 May 2006 earthquake. Activities of the pesantren and its management are also available in this web site. Other features provided include praying manuscript download, options to contact the management and the pesantren's publications.
- (6). *Al-Hamidiyah*. The Al-Hamidiyah website provides information about the founding father, profile of the pesantren, the education system in the pesantren, the structure as well as the infrastructure that helps the pesantren to carry out their activities, pictures, news, 25 praying manuscripts in the Al-Qur'an, a collection of Islamic articles, consultation chat room and options to contact the management.
- (7). *Al-Hikam*. The Al-Hikam website informs the santri about the profile of pesantren, type as well as level of education, applied curriculum, lecturers, admission procedure, information about Hajj guidance group, Al-Qur'an education, student organization, collection of article written by management and the santri themselves, communication options within the management, santri and alumni in a forum space.
- (8). *Al-Irsyad*. The website of pesantren Al-Irsyad features the profile of the pesantren, management, location map, collaborations with other institutes, information about the aims of education, prospect of future programmes for the alumni, type and level of education, curricula, facilities, admission information for the freshmen, daily activities of the santri, preaching activities, preaching agenda and pictures of activities.
- (9). *Al-Kautsar*. The Al-Kautsar website presents profile of the pesantren, information related to school education, the curricula, teachers, staffs, extracurricular activities, the activities and achievements of the santri, the library, development plan, new student admission, and the student's dormitory.
- (10). *Al-Mukmin*. Features provided in this pesantren Al-Mukmin includes the history and philosophy of the pesantren, Al-Mukmin education, education system and its implementation, activities of the santri, alumni, structure and infrastructure and options to contact the management.
- (11). *Al-Qadir*. The website of pesantren al-Qadir is under construction.
- (12). *Al-Sofwah*. Pesantren As-Sofwah provides the most complete website. This website provides a time table software, manuscript of certain prayers, information about the pesantren, the activities that are conducted inside and outside the pesantren, news about other Islamic countries, collection of articles or manuscript on certain topics, downloads of manuscripts for certain prayers, collection of advice, Friday prayer sermons, articles collection concerning Al-Qur'an and Hadith interpretations, topics related to woman, biography of the prophets, biography of Muslim personalities, history of Islam, miracles which occur in the Muslim society, articles collection about monotheism, Islamic laws, Islamic poetries, and Islamic economics. This website also provides consultation and facilitates contacts with the management, the economic activities of the pesantren and the product of the pesantren.
- (13). *An-Nuqoyah*. Pesantren An-Nuqayyah website provides only a brief profile.
- (14). *As-Salam*. The website of pesantren As-Salam encompasses information about the pesantren such as its profile, vision, mission, symbol, and management. This website also mentions the teaching and learning methods used in the pesantren,

- level of education, applied curricula, academic calendar, non curricular activities, achievements inside and outside the pesantren, official student's organization inside and outside the pesantren, parent organization, the activities carried out by the pesantren, news about the management, official announcements from management, a collection of articles related to Friday prayer as well as other religious speeches, admission information and job vacancy.
- (15). *As-Sunah*. The content of website of As-Sunah includes pesantren news, articles collection on topics such as monotheism, Islamic hand book, and women related articles. As-Sunah website also provides facilities for the santri to contact management and for management to sell their products. This website also enables the santri to download books, articles, dictionary, and image font.
 - (16). *Bahrul Hikam*. The website of pesantren Bahrul Hikam is an inactive website. Out of nine features provided, only two are active, which are contemporary religious articles and business offered to santris.
 - (17). *Bahrul Ulum*. Pesantren Bahrul Ulum website enables the santri to recite and read the translation of Al-Qur'an. The website also mentions the history and profile of the pesantren facilitate santris to communicate with the management and their friends.
 - (18). *Bina Umat*. Pesantren Bina Umat website provides information about the pesantren, institution for social welfare, and hajj guidance group under the pesantren. Another feature consists of admission form for the new santri.
 - (19). *Dar El-Hikmah*. Features provided by this pesantren includes the profile of the pesantren, news, education level, *kitab kuning* teaching and learning, alumni, pictures of pesantren activities and pictures of guests visiting the pesantren. Santris are allowed to provide feed back on how to improve their pesantren.
 - (20). *Dar El-Qalam*. The website of Pesantren Dar Er Qalam provides information that consists of history of the pesantren, activities of the santri, structure and infrastructure that support pesantren activities.
 - (21). *Darul Ulum*. The pesantren Darul Ulum website informs the nature and management of pesantren, the type and level of education provided, structure and infrastructure, santri, alumni, activities of the pesantren, book reviews, articles related to Al-Qur'an and Hadith, and contemporary Islamic laws. This website also gives the opportunity for santris to communicate to their friends or management and to send article or opinion to be published on the website.
 - (22). *Darun Najah*. The website of Pesantren Darun Najah includes information such as pesantren news in articles and picture forms, organization of the Pesantren, its branch, location map, economic activities of the pesantren, its teaching and learning activities, addresses and contact numbers of the pesantren.
 - (23). *Duriyat Mulia*. Pesantren Duriyat Mulia website facilitates santri to donate their money to pesantren activities. Information regarding the nature of pesantren, activities, management, collection of articles and addresses to contact management of the pesantren.
 - (24). *Gontor*. The website of pesantren Gontor cannot be accessed.
 - (25). *Jaringan Islam Emansipatoris*. The website of Jaringan Islam Emansipatoris provides information about the nature of the pesantren, management, the programmes carried out by the pesantren, news and publications, collection of articles on certain topics, editorial opinion, and books reviews. The website also provides room for santris to contact the management.

- (26). *Jaringan Islam Liberal (JIL)*. The website of Jaringan Islam Liberal comprises the nature of JIL, its programmes, editorials, interviews with certain personalities, opinion on certain topics, summaries of discussions, magazine clippings, biography of certain figures, book reviews, press releases, and articles sent to santri via mail. An e-book directory and website directory can be accessed from this website. The website also allows santri to contact the management and their friends.
- (27). *Krapyak*. This pesantren has a website that features the academic and social activities, profile, and alumni of the pesantren. This website also allows santri to download images of pesantren activities.
- (28). *Langitan*. In the pesantren Langitan website, users are informed about the pesantren, the management, information in flash files, religious advice, articles related to religious lives and practices, a room where santri can contact the management and subscription to pesantren magazine.
- (29). *Lirboyo*. Pesantren Lirboyo informs santri about the nature of pesantren, list of members, activities of the pesantren in pictures, articles written by santri and a forum for santri and alumni to discuss specific topics.
- (30). *Madania*. The website of Madania informs santri about the pesantren profile, management, staff, type and levels of education, curriculum, admission for the new santri, activities carried out by the pesantren, information about parent-teacher association, vacancies, and testimonial. The website also provided room for santri to contact the management.
- (31). *Mambaus Sholihin*. This pesantren website provides information about the applied education system, social lives, civil service, activities, economic activities of the pesantren, pesantren structure and infrastructure, provide a collection of articles related to Muslim lives and practices, unique Islamic stories, and religious advices. Santri are allowed to communicate with management and to upload as well as download ideas on certain topics.
- (32). *Manbaul Falah*. This website is inactive and no information can be harvested from this website.
- (33). *Maskumambang*. The pesantren Maskumambang website features the history, vision, mission, biography, autonomy institutes, faculty, information of in school and out of school education system, socio-religious activities conducted in this pesantren and information related to admission of new santri.
- (34). *Misbahul Ulum*. The website of this pesantren provides information about the organization of the pesantren, pesantren affiliated to it, profile of the pesantren, vision and mission of the pesantren, information about teachers, curricula, structure and infrastructure of the pesantren, information about santri in the pesantren, the student organization, alumni, a module for alumni to communicate, template where the public could indicate their opinion.
- (35). *My Qur'an*. Pesantren My Qur'an is the most complete website. The features provided include, Pesantren Virtua (provides information related to Islamic articles collection), Al-Qur'an and Hadith studies, stories about the prophets, friends and religious leaders, structure and infrastructure for praying, comparisons between Islam and other religions, chat room, discussion space, electronic card services, access to information in encyclopedias, radio, Quranic recitations, selling and buying of goods, and photographs uploaded by the santri. This website also allows santri to contact the management and for pesantren to get feedback from the public.

- (36). *Nurul Jadid*. This website provides information about the nature of the pesantren, education provided by the pesantren, economics activities of the pesantren, the alumni, its organization, news, agenda, and articles.
- (37). *Qolbun Salim*. This website of Pesantren Qolbun Salim consists of news, blog, FAQs, contact us, discussion forum, and Dzakwan Groups. Unfortunately, most of the features are under construction. The only active feature is brief advice (pesan singkat), which is a communication room for students and management.
- (38). *Rahmatan Lil Alamin*. The content of pesantren Rahmatan Lil Alamin's website includes the nature, philosophy and logo of the pesantren. The website also mentions the management, photographs of the pesantren, news about the pesantren. The communication features enable the management and santri to communicate with each other.
- (39). *Sabilia*. Sabilia website consists of Al-Qur'an Online that provide santri to listen and recite Al-Quran, collection manuscript of certain praying, and donation via SMS. The website also exposes the nature of pesantren, news about pesantren, and activities that will be carried out by pesantren. This website also provides Current news particularly issues related to Moslem societies all over the world. Sabilia website also educate santri by providing articles collection about Islamic laws, monotheism, hadith, current issues in Moslem society, and books review. The last, santri can ask about their problem and get the solution of their problem from management.
- (40). *Sahid*. The pesantren Sahid website provides information about activities of the pesantren, photographs, provide downloads, FAQs, articles, communication modules between management and the santris, forum discussion, and registration form for new santris..
- (41). *Salafiyah Safi'iyah*. The information provided by this website includes the santri's profile, the development of the pesantren, the education level and education system, economic activities of the pesantren, procedure of new santri admission, important telephone numbers, business partner of pesantren, news around the pesantren, about the guests who visited the pesantren, give access to a collection of articles about outstanding santris as well as articles written by santris, a space where santris can get advices from or contact the management or send messages to their friends.
- (42). *Sidogiri*. The pesantren Sidogiri website is one of the most complete website with regard to content. This website includes the latest news and profile of the pesantren, and it provides articles collection about Islam written by the santri and other contributors. The website facilitates the santri to communicate, discuss, and consult their ideas and problem in a specific topic in a forum.
- (43). *Suara Santri*. The website of Suara Santri consists of current and important pesantren news at national and local (pesantren) level. The website also provides information about the established pesantren and several personalities, collection of articles related to women, hadith interpretations, holy man, and tips for better living, provides consultation room where santri can get advice from the management related to their problems.
- (44). *Tebuireng*. The website consists of information related to the education level (junior and senior high school) and education system of the pesantren, a collection of articles related to religious matters, agenda, news about the pesantren, stories about Muslim personalities, information regarding to admission for new santri, communication to management, and contribution of articles to the website. The communication from this website can be carried out using features in the web and via Short Messenger Services.

- (45). *Ukhuwah*. Pesantren Ukhuwah has features which informs on the activities and news of the pesantren, contains poetries and other Islamic literatures, editorial, Islamic economics, Islamic laws, seculars laws, health and woman related articles, articles in areas such as psychology, sciences, social sciences, and politics. The website also includes biography of important figures in the Muslim societies. The *Tausiah* module provides a collection of articles, where management advices the santri, while, the forum module provides a communication channel for santris to share ideas.
- (46). *Virtual.com*. This pesantren website allows santris to listen, read and recite the Al-Qur'an, to view prayer time table, to download several prayer manuscripts, give the profile of the management, informs about available Al-Qur'an learning methods, free *Kitab Kuning* software and access to the pesantren database. The website also encompasses articles that teach and encourage santris to practise the Muslim way of life, articles on the latest issues regarding Muslim lives and practices, Islamic economics, manuscript of Friday sermons and articles that show the way to achieve highest level of Muslim living. The website also provides articles on *hikmah*, philosophy and contacts with the management.

(d) Benefits of Pesantren Online

Websites of the available pesantren online bring benefits not only the traditional/modern pesantren but also the pesantren online itself. The benefit to the pesantren online includes fulfillment of the target achievement that is to fulfill the Muslim needs of Islamic teachings that cannot be obtained from traditional/modern pesantren due to time and distance limitations. The highest achievement of pesantren online is when they deliver information about Muslim lives and practices, which is subsequently applied in daily religious live and practices. The other benefit is giving access to a wider distribution of santris compared to pesantren traditional/modern. The benefits to the pesantren traditional/modern are enumerated as follows.

- i. The pesantren can help the santris to perform prayers and rituals by facilitating prayers and ritual manuscript downloads and streaming the Al-Qur'an recitations.
- ii. Introducing the pesantren to new users through information such as the profile of the pesantren and providing news about the pesantren.
- iii. Performing its responsibility on educating the public, particularly on Islamic lives and practices.
- iv. Fulfill the obligation of pesantren as resources of Islamic lives and practices by providing consultation to users regarding their religious living related problems.
- v. Keeping relationships by facilitating communication between management and santris and even among the santris.
- vi. Providing space to advertise their products.

Table 1 shows the distribution of features related to the benefits of pesantren online. The tables show that there are 10 pesantren which uses their websites to help users perform prayers and rituals. Most of the pesantren (40 pesantrens) use their websites to distribute information related to their pesantren. A total of 27 pesantrens use their websites to conduct teaching and learning related to Islamic topics, 7 pesantrens provide consultation room, 29 pesantrens provide communication room and 7 pesantrens advertises their product and publications.

Table 1: Distribution of Features Related to the Benefits of Pesantren Online

No.	Pesantren Name	Benefit					
		Praying	Information	Education	Consultation	Communica-tion	Advertising
1	Akmaliah	X	-	X	-	-	X
2	Al-Anwar Sarang	-	X	X		X	-
3	Al-Azhar	-	X	-	-	X	-
4	AL-Binaa		X	X		X	
5	Al-Fatah	-	X	-	-	X	X
6	Al-Hamidiyah	X	X	X	X	X	-
7	Al-Hikam	-	X	X		X	-
8	Al-Irsyad	-	X	-	-	-	-
9	Al-Kautsar		X			X	
10	Al-Mukmin	-	X	-	-	X	-
11	Al-Qadir	-	-	-	-	-	-
12	An-Nuqayah	-	X	-	-	-	-
13	As-Salam	-	X	X	-	-	-
14	As-Sofah	X	X	X	X	X	X
15	As-Sunah	-	X	X	-	X	X
16	Bahrul Hikam	-	-	-	-	-	-
17	Bahrul ULUM	X	X	-	-	X	-
18	Bina Umat	-	X	-	-	X	-
19	Dar El Qalam	-	X	-	-	-	-
20	Darel Hikmah	-	X	-	-	X	-
21	Darul Ulum	-	X	X	-	X	-
22	Darunnajah	-	X	-	-	X	-
23	Duriyat Mulia	X	X	X	-	X	-
24	Gontor	-	-	-	-	-	-
25	Jar. Is. Emasipatoris	-	X	X	-	X	-
26	Jar. Is. Liberal	-	X	X	-	X	-
27	Krapyak	-	X	X	-		-
28	Langitan	-	X	X	-	X	X
29	Lirboyo	X	X	X	-	-	-
30	Madania	-	X	-	-	-	-
31	Mambaul Falah	-	-	-	-	-	-
32	Mambaus Salihin	-	X	X	X	X	-
33	Maskumambang	-	X	X	-	-	-
34	Misbaul Ulum	-	X	-	-	X	-
35	My Qur'an	X	X	X	-	X	X
36	Nurul Jadid	-	X	X	-	-	-
37	Qolbun Salim	X	-	-	-	-	-

38	Rahmatan Lil-Alamin	-	X	-	-	X	-
39	Sabilia	X	X	X	X	-	-
40	Sahid	-	X	X	-	X	-
41	Salafiyah.net	-	X	X	X	X	X
42	Sidogiri	-	X	X	X	X	-
43	Suara Santri	-	X	X	-	-	-
44	Tebu Ireng	-	X	X	-	X	-
45	Ukhuwah.or.id	-	X	X	-	X	-
46	Virtual.com	X	X	X	X	X	-

Note: X Available feature, - Unavailable feature

(e) Development of Pesantren Online

The current available pesantren online showed significant development compared to pesantren online in 2000. The developments include the followings.

- i. There is a growth in the number of pesantren online. In 2000, fifteen pesantren online were obtained from the Internet. The pesantren online were Al-Irsyad, An-Nuqayah, Ar-Raudhatul Hasanah, As-Salam, Bahru Al-hikam, Darul Hikmah (Barus), Darul Hikmah (Bekasi), Darussa'adah, Darussalam, Duriyat Mulia, Rafah. Husnul Khotimah, SMU Madania, Miftahul Ula, and Pesantren Virtual.com. The present search of Pesantren online in the Internet retrieved 46 pesantrens. This indicates an addition of 31 pasantrens (an increase of 206.67%). For the search made in 2000, out of the 15 pesantrens online, only 8 pesantrens could be accessed.
- ii. There is a growth in the number of Internet technology applications. The current investigation indicated that there are 16 Internet technology applications used by the pesantren. This number is 10 more compared to the Internet technology applications obtained in 2000. The six available Internet technology applications in 2000 were website, e-mail (web mail), usenet newsgroup, listserve, chat rooms and searching; while the new technology utilized are memberships, streaming, downloads, rating, linking, guest book, clock and calendar, hit counter, statistic and polling.

4. Conclusion

The pesantren online is a new phenomena in Islamic traditional education system. The study on pesantren online shows the followings:

- i. Forty six websites of pesantren online are located. They are namely, Akmaliah, Al-Anwar Sarang, Al-Azhar, Al-Binaa, Al-Fatah, Al-Hamidiyah, Al-Hikam, Al-Irsyad, Al-Kautsar, Al-Mukmin, Al-Qadir, An-Nuqayah, As-Salam, As-Sofah, As-Sunah, Bahrul Hikam, Bahrul Ulum, Bina Umat, Dar El Qalam, Darel Hikmah, Darul Ulum, Darunnajah, Duriyat Mulia, Gontor, Jaringan Islam Emasipatoris, Jaringan Islam Liberal, Krapyak, Langitan, Lirboyo, Madania, Mambaul Falah, Mambaus Salihin, Maskumambang, Misbaul Ulum, My Qur'an, Nurul Jadid, Qolbun Salim, Rahmatan Lil-Alamin, Sabilia, Sahid, Salafiyah.net, Sidogiri, Suara Santri, Tebuireng, Ukhuwah, Virtual.com.
- ii. Sixteen Internet technology application are used by the pesantrens, namely, Website, Webmail, Usenet Newsgroups, Listserve, Chat room, Search engine,

- Memberships, Streaming, Download, Polling, Rating, Linking, Guest Book, Clock and calendar, Counter, and Statistic.
- iii The content of available pesantren online consists of information related to profile of the pesantren, news and information, education system, Islamic teaching and learning, consultation, prayers and ritual, and communication between management, santri, and the alumni.
 - iv The benefits of pesantren online concerns the introduction of the pesantren to the public, the wider dissemination of Islamic teaching and learning, the help given to santris in performing prayers and rituals, the strengthening of relationships between management, santri, and alumni, helping santris to solve their problem, and providing space for advertising their product.

References

- Bali Post Online. 2000. *Kekuatan dan kendala pendidikan pesantren*. Available at: <http://www.balipost.co.id/BaliPostCetak/2000/6/19f1.htm>.
- Delivery. 2000. *Pengembangan agribisnis melalui pondok pesantren*. Available at: <http://www.delivery.org/photapp/pondpes/ponpestbi.htm>.
- Ensiklopedi Islam*. 1993. Cetakan 1. Jakarta. Ihtiar Baru Van Hoeve. Vol. 4. pp. 99-105.
- Hassanbasari, M. S., D. Muhtadi, and E. Roosita. 1996. Lebih jauh dengan Abah Anom. *Kompas Online*. Available at: <http://www.kompas.com/9603/24/h02/pili.htm>.
- Ma'mum, A. R. 1999. Membangun benteng peradaban. *Panji*, Vol.3 No. 32. Available at: <http://www.panji.co.id/edisi132/budaya2.htm>.
- Indonesia. Ministry of Education. 2000. *Overview of education system*. Available at: <http://www.pdk.go.id/SysEducation/SysEducationIndex.htm>.
- Pesantren Al-Qur'an dan Teknologi Duriyat Mulia. 2000. *Usaha ekonomi pesantren*. Available at: <http://www.duriyat.8m.com/ekonomi.html>.
- Purba. O. W. 2000. *Jaringan internet pondok pesantren, masjid, dan madrasah*. Available at: <http://www.detik.com/net/onno/jurnal/200004/aplikasi/pendidikan/p-0/html>.

APPENDIX 1

List, Distribution, URL Address of Pesantrens Online Obtained from the Internet

No.	Pesantren	Location	Type	URL Address
1	Akmaliah	DKI Jakarta	1	http://www.akmaliah.com/
2	Al-Anwar Sarang	Rembang, Central Java	1	http://ponpessarang.com/
3	Al-Azhar	Surabaya, East Java	1	http://www.alazhar-jatim.com/
4	Al-Binaa	Bekasi, West Java	1	http://www.albinaa.or.id/
5	Al-Fatah	DI Yogyakarta	1	http://www.alfatah.org/
6	Al-Hamidiyah	Depok, West Java	1	http://www.alhamidiyah.com/
7	Al-Hikam	Malang, East Java	1	http://www.al-hikam.or.id/
8	Al-Irsyad	Salatiga, Central Java	1	http://www.alirsyad.8m.net/
9	Al-Kautsar	Sukabumi, West Java	1	http://smp.alkausar.org/
10	Al-Mukmin	Sukoharjo, Central Java	1	http://www.al-mukmin.org/
11	Al-Qadir*	Pekan Baru, Riau	1	http://alqodir.co.id/
12	An-Nuqayah	Madura, East Java	1	http://www.manalagi.com/jamesplace/indonesia/madura/school.html
13	As-Salam	Surakarta, Central Java	1	http://www.assalaam.or.id/
14	As-Sofwah	-	2	http://www.alsofwah.or.id/
15	As-Sunah	-	2	http://www.assunnah.or.id/
16	Bahrul Hikam	-	2	http://www.geocities.com/athens/forum/9827/
17	Bahrul Ulum	Jombang, East Java	1	http://tambakberas.com/
18	Bina Umat	DI Yogyakarta	1	http://www.binaumat.com/
19	Dar El Qalam	Tangerang, West Java	1	http://members.tripod.com/daar_el-qolam/
20	Darel Hikmah	Pekan Baru, Riau	1	http://k.1asphost.com/darelhikmah/
21	Darul Ulum	Jombang, East Java	1	http://www.darululum.net/
22	Darunnajah	Jakarta	1	http://www.darunnajah.com/
23	Duriyat Mulia	Bandung, West Java	1	http://www.duriyat.or.id/
24	Gontor	Ponorogo, East Java	1	http://gontor.ac.id/
25	Jaringan Islam Emasipatoris	-	2	http://www.islamemansipatoris.com/
26	Jaringan Islam Liberal	-	2	http://islamlib.com/
27	Krakyat	DI Jogjakarta	1	http://www.krakyat.org
28	Langitan	Tuban, East Java	1	http://www.langitan.net/
29	Lirboyo	Kediri, East Java	1	http://www.lirboyo.com/
30	Madania	Bogor, West Java	1	http://www.madania.net
31	Mambaul Falah	Karawang, West Java	1	http://www.ppmf.info/news.php
32	Mambaus Salihin	Gresik, East Java	1	http://www.mambaussholihin.com/
33	Maskumambang	Gresik, East Java	1	http://maskumambang.net/
34	Misbaul Ulum	Lok Sumawe	1	http://www.geocities.com/ospmmu/
35	My Qur'an	-	2	http://myquran.org/portal.php?action=portal

36	Nurul Jadid	Probolinggo, East Java	1	http://www.nuruljadid.net/
37	Qolbun Salim	Semarang, Central Java	1	http://www.pesmaqolbunsalim.org/
38	Rahmatan Lil-Alamin	Tuban, East Java	1	http://www.geocities.com/lilalamin/
39	Sabilia	DKI Jakarta	1	http://www.e-sabilia.com/
40	Sahid	Bogor, West Java	1	http://pesantrenmodernsahid.or.id/web/foto.php
41	Salafiyah.net	Situbondo, East Java	1	http://www.salafiyah.net/
42	Sidogiri	Pasuruan, East Java	1	http://www.sidogiri.com/
43	Suara Santri	Surabaya, East Java	2	http://suara-santri.tripod.com/
44	Tebu Ireng	Jombang, East Java	1	http://tebuiireng.net/
45	Ukhuwah.or.id	DKI Jakarta	2	http://www.ukhuwah.or.id/dr/index.php
46	Virtual.com	-	2	http://www.pesantrenvirtual.com
