Abstract. This study was conducted in Bengkayang city, one of the underdeveloped districts and bordered by Malaysia that human resources have poor knowledge, hard skills, and soft skills such as computer, mathematics, language skills and spiritual. This study investigates the blended learning strategies as knowledge transfer in higher education in an underdeveloped area that we present the result from 6 final year student’s blended learning experience, and 117 students who registered at higher education. Methodological trends described in the term qualitative phenomenology of 3 final year student’s blended learning experience by Moustakas. The result of this study shows that the implementation of blended learning strategies influenced by local wisdom, learning style, and learning methods. The local wisdom such as communal, the availability of food in nature affects the lifestyle of students; learning style such as visual, auditory, and kinesthetic affects how the students learn; and learning methods such as drill method affects study habits and increase student knowledge.

Keywords: blended learning, knowledge management, phenomenology Moustakas, learning style.

1 Introduction

Bengkayang is one of the underdeveloped areas in West Borneo which majority of the population is Dayak. According to the village minister, development, and underdeveloped area [17], since July 31, 2019, Bengkayang including the area that was left out of backwardness in the economic, human resources, infrastructure, regional financial capacity, accessibility, and regional characteristic. However, the impact of the underdeveloped area in Bengkayang still felt mainly on the quality of students. According to Bengkayang People's Welfare Statistics 2019 [2], there is 16.96% elementary school students, 4.87% junior high school student, and 6.11% senior high school students. Based on this data, there is a decrease in the number of students continuing senior high school because of many factors such as awareness of the importance of education, quality of the teacher,
local wisdom [28,29]. Because of that, increasing the quality of human resources takes time and needs a knowledge management strategy.

The limited quality of these resources is the benchmark for this study. Highlighting this limitation, the researcher wants to find a blended learning strategy as knowledge management that is used to improve the quality of knowledge transfer at Shanti Bhuana Institute. Shanti Bhuana Institute is the only college with an undergraduate degree in Bengkayang. This campus implements a blended learning system, which is a combination of e-learning and face-to-face with the hope that students will get to know the world of e-learning with various forms of teaching provided so that students are familiar with the internet. Thus, students indirectly improve their skills in ICT (Information Communication Technology), computers, English, and so on.

The blended learning strategy greatly influences the knowledge transfer process in knowledge management. Based on previous research [28,29], the successful application of blended learning in the Holy Trinity Community is influenced by the existing local wisdom. In this study, the researcher wanted to find the right blended learning strategy to be used at Shanti Bhuana Institute by paying attention to the factors that influence the success of blended learning, for example, local wisdom, learning styles, and so on.

Since the 1990s, knowledge management is one of the important disciplines to explain that knowledge created, developed, implement in organizational learning and innovation [11,21,25,26]. Knowledge is an important source to the education world that the asset of the knowledge is intellectual capital. The intellectual capital has often called human capital, organizational capital, and social capital [9]. One of component the denominator intellectual capital as human capital is knowledge, education, and training [15]. Therefore, it can be said that knowledge as intellectual capital is a very important asset and need to be managed properly. According to Edna & Tuvya [23], intellectual capital divides into two major components that are human capital (knowledge and skills individual) and structural capital (organizational capabilities that support an individual’s productivity). Therefore, knowledge management strategy is very important to build individual knowledge through learning.

Learning is an important knowledge transfer process for the quality of human resources, for the successful educational system. Definition of the learning is an effective process for students to transform words and explanations by the teacher or the presentation into passable skills such as problem-solving[3]. One of the
definitions learning by Kolb [7], learning is the process of creating knowledge and Kolb described the relation between learning styles (diverging, assimilating, converging and accommodating) with five levels of behavior (personality types, educational specialization, professional career, current jobs, and adaptive competence). Knowledge management plays an active role in the learning process that the success of the learning process depends on the knowledge transfer strategies. According to Bateson [27], there are two kinds of learning is learning I (single-loop learning) is knowing how to solve the problem, learning II (double-loop learning) is building new premises (paradigm, schemata, mental models, or perspectives) to put aside existing one. The Nonaka and Takeuchi perspective [22], the creation of knowledge certainly involves interaction between these two kinds of learning, which forms a kind of dynamic spiral. According to Becheik [2], the main determinant knowledge transfer process in education such as linkage agents is the important actors in knowledge transfer to help the easier ways of adopting knowledge by practitioners. The factors the effectiveness process is divided into three major categories are the attribute of knowledge to transfer, the actor who involved in the process, and the process mechanism.

The research done in the past year is the learning style of the student from a different career that very important thing to drive the quality of teaching [30]. In this study, the researcher investigates the blended learning strategies as knowledge management that influenced by local wisdom, learning style, learning methods. The strategies of blended learning which used in this study are drill methods, learning media, discussion, game education, etc. In the past research by Alammary, etc. [1] that is three design approaches of blended learning based impact blends. The other past research by Money, et al [19] the blended learning strategies is curriculum transition on the higher school from student’s viewpoint.

Viloria’s research focuses on the student’s learning According to Pratchett, G Young, 2018 the kinds of learning styles are activist, reflector, theorist, and pragmatist. According to Kolb[14], that the learning style based the experiential learning is 9 learning styles [30]. The invention of Viloria in another research, educational data mining which one tool to help the teacher to know the student’s learning styles [31]. Learning styles in higher education for improving the quality of education at university. In this research, Viloria found that in the relationship between learning styles and career have statistically significant differences between activist, theorist, and pragmatist learning styles. The result about to with concerning learning styles and gender that male students showed higher averages in reflector
learning style and the female showed higher scores in pragmatist, theorist, and activities styles.

2 Literature review

2.1 Organizational Learning and Knowledge Management

Chiva, et al [4,5] state there are three approaches to learning that is individual, social learning, and mindful learning perspective. The individual and social learning approach including the traditional approaches. The first approach, individual learning-cognitive possession knowledge could be divided into three groups according to Merriam and Caffarella [18], learning in adulthood such as the adult learner, the nature of the learning process that is:

1. The theory behaviorist [12], such as:
   a. Connectionism (S-R Bond) by Thorndike, one of the laws that his findings are the law of exercise describes that connectionism between stimulus and responses more tightens up if often trained.
   b. Classical Conditioning by Ivan Pavlov, one of the laws that his findings are the law of respondent conditioning describes that two stimuli (one of them is reinforcer) presented simultaneously then the reflects and stimulus will be increased.
   c. Operant conditioning by Skinner describes the operant with the strong stimulus, the power of the operant will be increased.

2. The cognitivist, Kohler [13], a gestalt psychologist, suggested that learning occurs in the form of insight. The cognitive perspective of organizational learning suggested the organizations can learn and organizational learning to be a type of individual learning

3. The humanists, Maslow, and Roger [8] said that the success of educational systems depends on the ability to involve the students in the learning process and understand the meaning in the acquisition of knowledge.

This approach that the individual perspective that learning as an individual phenomenon and consequently to understand the individual learned by the organization. Based on the behaviorist theory this approach can be included in the drill method. To improve the student’s performance in one aspect such as to operate tools of e-learning (Learning Management Systems/LMS and Academic Information Systems/AIS), the students need to devote so much attention to the one
aspect. According to Scott H. Young [32], drills resolve this problem that the students can focus the cognitive resources on a single aspect.

The second approach, social learning by Albert Bandura with reward and punishment will motivate individuals to think and decide selected social behavior. The social approach perspective that learning as a social phenomenon and consequently to understand the organization learned by communities. Meliono [16] suggest Nusantara thought, local wisdom, multiculturalism is appropriate teaching material [16]. Local wisdom is the values as a guide that is followed by a community that sometimes appears the symbols in people’s interaction. According to the Vasantan’s research [29] about local wisdom of Dayak communities in West Borneo that is communal communities, food available in nature influences how student studies like discussion, group study, instantly life, etc. This local wisdom also influences the final college student’s learning style that is 60% kinesthetic student.

The third approach, Chiva’s finding of mindfulness [5] that knowledge inhibits learning. As the Bengkayang people which one of the districts has left out backwardness in 2019, but the fact Bengkayang is still not completely removed from its lag, especially the quality of human resources. Therefore, the majority of knowledge possessed by human resources helps the learning process in this college because students more easily believe in receiving new information provided.

2.2 Knowledge Management

Krishnamurti [5] said the knowledge is passed. The knowledge is tending to enslave the human way of thinking. Learning is a process to learn something in the future and the things learned become knowledge. Learning is not listening to the knowledge, but the important things in learning are conscious, mindful, and humble (not know) that Chiva said knowledge inhibit learning (mindfulness). Girard and Girard [10] state that the definition of knowledge management is the process of creating, sharing, using the knowledge or information in the organization.

According to Collins 2010, [6] tacit knowledge exists in various lives in a range of education such as philosophy, psychology, sociology, management, and economics dan di artificial intelligent world. Collins said the idea of the tacit is practical the idea of the explicit, examples the efficient way to fulfill the need to transfer the tacit to other people is telling to other people with the book, internet, and other media.
3 Method

3.1 Sample and Population
This study was conducted using a purposed sample Patton [24], the participant focused on selecting college student who best represents their population and describes the researcher’s phenomenon. The research sample consisted of 8 final year college students as the main participants and 112 college students who registered in Shanti Bhuana Institute. The main participants included 4 Management college students and 4 Entrepreneur college students. The support participants included 65 Management college students and 47 Entrepreneurship college students, with 0.5-3 years of experience with blended learning methods. The Management college students included 7 final year students with 3 years of experience, 15 students with 3 years of experience, 26 students with 2 years of experience, and 25 students with 0.5 years of experience. The Entrepreneur college students included 5 students with 4 years of experience, 20 students with 3 years of experience, 8 students with 2 years of experience, and 14 students with 0.5 years of experience. The final year students study 1 year with 100% face to face and 3 years with blended learning.

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**Figure 1.** Sample and Population
### Table 1. The Main Participant

<table>
<thead>
<tr>
<th>Pseudonyms</th>
<th>Hometown</th>
<th>Learning style</th>
<th>Study program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teddy</td>
<td>Malang, East Java</td>
<td>Visual</td>
<td>Entrepreneur</td>
</tr>
<tr>
<td>Esi</td>
<td>Bandol, West Borneo</td>
<td>Auditory</td>
<td>Entrepreneur</td>
</tr>
<tr>
<td>Eddy</td>
<td>Bengkayang city, West Borneo</td>
<td>Kinesthetic</td>
<td>Entrepreneur</td>
</tr>
<tr>
<td>Dina</td>
<td>Maumere, Flores</td>
<td>Visual</td>
<td>Management</td>
</tr>
<tr>
<td>Ghea</td>
<td>Sanggau, West Borneo</td>
<td>Auditory</td>
<td>Management</td>
</tr>
<tr>
<td>Pika</td>
<td>Bandol, West Borneo</td>
<td>Kinesthetic</td>
<td>Management</td>
</tr>
</tbody>
</table>

#### 3.2 Research Procedure

In this study, data were collected by 3 years in the qualitative method with transcendental-phenomenology [20]. The study used as an illustration is blended learning in the ongoing study of sustained strategies of blended learning in Management Science High School Shanti Bhuana (Shanti Bhuana Institute) in Bengkayang. Since the middle year 2017, Shanti Bhuana Institute has provided a Learning Management System (LMS) and Academic Information System (AIS) for college students who study in Shanti Bhuana Institute. All college students are trained in computer skills and English skills every semester with drill methods. The basic approach in Shanti Bhuana Institute is 8 final year college students for three years and 49 student entrepreneur study program and 68 student management study program who registered in 2019-2020 carried out at blended learning experiences. (Fig. 1)

The researcher had been observed and interviewed the participant who final year college students with depth interviewed about the experience of blended learning and face to face learning without e-learning. The observation of participant was since 2017, the time which the blended learning began. Each interviewed lasted 10-30 minutes several times. On the other hand, data of the support participant had been collected with questionnaires about student satisfaction in LMS about study in Shanti Bhuana Institute especially blended learning program which performed by student affairs of Shanti Bhuana Institute. The question is about suggestions for the blended learning system.
The important procedures performed in this study had 5 steps (fig. 2) that are:

a) Scope
   The determination scope of this study aims to understand the philosophical perspective by determining phenomenology to be studied

b) Selection of the participant
   This study used the purposed sample (Patton) that the main participant who has the specific data that the researcher needs and the support participant aims to provide reinforcement data from the main participant. Therefore, the criteria of the main participant were final year college students who have a lot of experience, a different hometown to differentiate local wisdom that they had, the different learning styles, and represent their program study. The support
participants are a majority college student in Shanti Bhuana Institute who live in Bengkayang regency, so they have the same local wisdom and knowledge.

c) Compiled a list of question
The question that is given must be direct the participant to tell the experience about blended learning.

d) Collected data
The data collected from the main participant phenomenology through depth interview and observation for three years. While the data collection from the support participant was obtained from the questionnaire in Learning Management Systems (LMS).

e) Data analysis
1) The early-stage
The researcher described the results of interviews and observation then transcribe them in writing.

2) The horizontalization stage
The researcher has inventoried statements that relevant to the topic from the results of transcription. In this stage, the researcher must be avoided subjectivity assessment with bracketing/epoche the data obtained from interviews.

3) The cluster of meaning stage
Classification the statements into themes or units of mean, and set overlapping or repetitive statements. In this stage, must be done:
   a. Textural description (written the individual experiences)
   b. Structural description (written how the phenomenon experienced by the individual)
      The researcher looks for all the meaning derived from the reflection in the form of opinion, judgments, feelings, expectations of the subject about the phenomenon experienced.

4) The essential description
The researcher constructs a thorough description of the meaning and essence of the subject

3.3 Data Analysis
The essence of the experiences shared by the main participant surrounded about the difference, the advantage of blended learning and the conventional learning, the learning style, and learning media, buddy program. The next step in
this research is outlined in this article, using transcendental phenomenology, which builds on the first inquiry. This study sought blended learning strategies that useful for learning in the underdeveloped areas especially at Shanti Bhuana Institute, Bengkayang city that is influenced by local wisdom, learning style, and learning methods. We studied the same six final year students that they have been a blended learning experience for 3 years and pure face-to-face learning for 1 year while college. Their study program and learning style are shown in table 1. This study has two key questions that Moustakas recommends that phenomenologist asks: What were their experiences with how to learn that they enjoyed? And in what context or situations did they experience it? This study used pseudonyms to protect their identities. Transcripts from the interviewer were analyzed for codes and themes followed Cresswell [7].

4 Findings and Discussion

This study took place in Shanti Bhuana Institute, Bengkayang the majority of the college students are Dayak.

Significant statement of the main participant

Teddy (Chinese, Malang, East Java, Visual, entrepreneur study program)

I have no difficulty learning LMS for the first time because I am accustomed to using computers and the internet in the past when I was living in Java. I am very love watching the movie or video that I was got many things useful for me. The LMS is very helpful to study that I can download lecture notes or PPT. I prefer to study alone and study with a mind map, watch youtube.

Eddy (Dayak, Bengkayang, kinesthetic, entrepreneur study program)

I graduated from high school in Sintang, Sanggau Regency. I used to use a laptop in high school. I prefer to learn face-to-face in a relaxed manner, may drink coffee, not too serious, there is practice and sharing so that I am not bored. In my opinion, the buddy program is very important because I study together.

The existence of LMS and AIS helped me, although the first time I had difficulty to operate LMS and AIS, but I had open and learn from LMS and AIS many times, and now it is very easy for me. If there are no LMS and AIS, I don't know anymore because it is very difficult for example with LMS, I usually download material and assignments and upload tasks when in the past to get the
material I had to use a flash. For now, I can directly read and upload assignments on my cellphone. Likewise, if before AIS was there if you wanted to ask for ICP validation you had to ask for a stamp and queue first if there was AIS ... I just input and then wait for validation and I usually do it wherever and whenever.

Eddy has experienced with culture change

**Esi (Dayak, Bandol, Landak regency, auditory, entrepreneur)**

I prefer to study face to face with a relaxed situation, not tense, calm, and study with my friends like a buddy program because it is not boring and gets a lot of input from my friends. I prefer my lecturer gave me examples from the real world. I prefer to discuss it with my friend because we can be sharing knowledge and relax.

For the first time I used a laptop provided by campus, I am very confused because I am not familiar with a laptop, but I must operate because the majority of my coursework must be typed in word and excel. Time after time, I get used to using the laptop.

One year later, we use LMS and AIS, the tools for learning with media online. Although initially LMS and AIS are difficult for me, sooner or later that tools are very easier to used and these tools are very useful to upload and download the lecture notes.

**Pika (Dayak, Tembawang Bale, Landak regency, Kinesthetic, Management)**

In the classroom, I prefer the lecturer to teach me with a discussion method, in variation place to study but I cannot study very longer. If study, I prefer to study with my friends. I love games education, it makes me enjoyed studying. I loved to study with Powerpoint and video.

In the beginning, I know LMS and AIS, I am very confused to use it, because it is very new for me but I must practice using this tool because my coursework, lecture notes are uploaded. So time after time, I understand and easier to use these tools and very helpful.

I love to live in a dormitory because many friends can discuss many things.

**Ghea (Dayak, Bengkayang, Auditory, Management)**

I come from Sekadua, Sanggau regency. I have been in Saudi Arabia for 2 years after I graduate from the nurse academy. I married and stay in Bengkayang.

In the classroom, I very much love learning by discussion because increased my knowledge with sharing knowledge. And the lecturer as mediator. I am very interested in practice in the real world because I met many people that I had learned about anything like culture, temperament, and local wisdom.
LMS and AIS are very helpful and simplified learning systems. In the beginning, I must learn and try how to operate this tool, and finally, it is very easier to use.

If I am not married, I loved to stay at a dormitory, because I’ll meet many characters and I’ll learn how to live together with my weakness. Ghea is used to using a laptop and communication with English. She has experienced culture change.

**Dina (Atambua, Visual, Management)**

I come from Atambua and I had been a mission volunteer in Bandol, Landak regency. For the first time, I have to adapt to the Dayak culture, especially in terms of interaction with others. We gather only in the context of family gatherings and are not allowed to eat food from strangers, but this is the opposite of the Dayaks. I don't like hanging out with friends without a clear purpose. At Atambua, I'm used to searching for information on the internet. I like learning to be alone and avoid the crowd by reading and then writing again by marking.

LMS helped me in the learning process. For the first time, I was confused and asked several people how to use this tool. If I have to collect assignments, I just open the LMS and upload it and don't need to find a lecturer for the collection process. For me, LMS is very effective and efficient because it is not bound by time and place.

**Meaning Units or Themes**

The things that affect blended learning are:

1. **Local Wisdom**

| Local wisdom (Dayak) | The relaxed manner may drink coffee, not too serious sharing (discussion) study with my friends, discussion I love to live in the dormitory because many friends can discuss many things I loved to stay at the dormitory relax situation, not tense, calm and study with my friend I prefer to discuss it with my friend because we can be sharing knowledge | Accustomed to living from nature communal |

| Local wisdom (Dayak) Entrepreneur study program | There is always a notification between lecturer and student. | Accustomed to living from nature |

| Local wisdom (Chinese, East Java) | I was accustomed to using computers and the internet in the past when I was living in Java. | individual |
According to Vasantan 2016 [28], the Dayak has 3 local wisdom namely living with the availability of nature so accustomed to living quietly and waiting for the harvest, as well as often the food is already available in nature. Second, the majority of Dayak have communal society thus having the impact of the learning group, and the third, the impact from the lagging telecommunication signal.

According to the Dayaknese student’s experiences, Eddy said that I prefer to learn face-to-face in a relaxed manner, may drink coffee, not too serious, there is practice, and sharing so that I am not bored. In my opinion, the buddy program is very important because I study together. “I prefer to study face to face with relax situation, not tense, calm, and study with my friends like buddy program because it is not boring and get a lot of input from my friends.”, shares Esi. Pika said that I prefer to study with my friends. Ghea shares that “If I am not married, I loved to stay at the dormitory, because I’ll meet many characteristics and I’ll learn how to live together”. Eddy, Esi, Pika, and Ghea are the Dayak people, they have the same opinion that they prefer to study in a relaxed and calm situation and study together.

Different from Teddy said “I prefer to study alone” and “I don’t like hanging out with friends without a clear purpose. I like learning to be alone and avoid the crowd” shares Dina. Teddy came from Malang City, East Java that the people have local wisdom to be individual because of bustle. On the other hand, Dina came from Atambua, Flores that one of the local wisdom is very careful of foreigners so Dina used to be alone.

Therefore, the knowledge transfer must pay attention to local wisdom. In this study, the researcher used Dayak’s local wisdom that communal and relaxed lifestyles.

2. Learning style

<table>
<thead>
<tr>
<th>Visual</th>
<th>I am very love watching the movie or video study with a mind map watches youtube by reading and then writing again by marking.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auditory</td>
<td>I prefer to discuss with my friend because we can share knowledge of each other</td>
</tr>
</tbody>
</table>
I very love to learning by discussion because increased my knowledge with sharing knowledge.

| Kinesthetic        | • practice and sharing  
|                   | • discussion method, in variation place, to study but I cannot study very longer  
|                   | • I love games education, it makes me enjoyed studying. |

According to Lucimar (An Integrative Debate) if the students know their learning style can help them to enjoy the learning by prioritizing their learning activities. Sucheta (Adaptive User) that interface of Moodle as a tool a learning system influenced the virtual learning styles.

The visual learners said: “I am very love watching the movie or video”; “study with a mind map, watches youtube”, and the other learner said, “by reading and then writing again by marking.” Therefore, in the study by LMS, the visual learner prefer to study with youtube, video, picture, and at the classroom/face-to-face, the visual learner prefers to make mind mapping, reading, and writing.

The auditory learners said: “I prefer to discuss with my friend because we can share knowledge” and “I very love to learning by discussion because increased my knowledge with sharing knowledge”. Therefore, in the study by LMS, the auditory learner prefer to study with discussion, and at the classroom/face-to-face, the auditory learner prefers discussion and hear the friend’s sharing.

The kinesthetic learners said: “practice and sharing”; “discussion method, in variation place to study but I cannot study very long”, and “I love games education, it makes me enjoyed studying”. Therefore, in the study by LMS, the kinesthetic learner prefer to study with games education, practice, and at the classroom/face-to-face, the kinesthetic learner prefers games, study outdoor, and practice in the real world.

**Blended Learning Strategies**

1. Learning Media

| Management study program  | • Email assignments are very effective when LMS is slow or has signal problems  
|                           | • The calendar in the LMS is underused for the lecture material agenda  
|                           | • So that students can better understand the lectures that take place via WhatsApp so that it is easier to access |

| Discussion | • My suggestion is for lecturers not to overburden students with assignments, especially without being balanced with the material. Maybe lecturers need to provide material in the form of scheduled discussions so that students are ready for discussion by searching the internet before the discussion  
|            | • Give more material or discussion |
My suggestion is for lecturers not to overburden students with assignments, especially without being matched by the material. Maybe lecturers need to provide material in the form of scheduled discussions so that students are ready for discussion by searching the internet before the discussion.

2. Learning Methods

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Visual</td>
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<td>Auditory</td>
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<tr>
<td></td>
<td>I very love to learning by discussion because increased my knowledge with sharing knowledge</td>
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<tr>
<td>Kinesthetic</td>
<td>• practice and sharing</td>
</tr>
<tr>
<td></td>
<td>• discussion method, in variation place, to study but I cannot study very longer</td>
</tr>
<tr>
<td></td>
<td>• I love games education, it makes me enjoyed studying.</td>
</tr>
</tbody>
</table>

The learning media are tools used for the implementation type of the learners as visual, auditory, and kinesthetic that have been described in the previous explanation of the learning style.

3. Drill Methods

<table>
<thead>
<tr>
<th>The main participant</th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>• many times, and now it is very easy for me</td>
</tr>
<tr>
<td></td>
<td>• Time after time, I get used to using the laptop</td>
</tr>
<tr>
<td></td>
<td>• Although initially LMS and AIS is difficult for me, sooner or later that tools very easier to use</td>
</tr>
<tr>
<td></td>
<td>• I must practice used this tool because my coursework, lecture notes are uploaded.</td>
</tr>
<tr>
<td></td>
<td>• I loved to study with PowerPoint and video.</td>
</tr>
<tr>
<td></td>
<td>• I must learn and try how to operate this tool</td>
</tr>
<tr>
<td></td>
<td>• For the first time, I was confused and asked several people how to use this tool.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Management Study program</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1. LMS that are often overloaded so that they are sometimes difficult to access</td>
</tr>
<tr>
<td></td>
<td>2. My suggestion is that the AIS / LMS server must remain fully activated, except Sunday.</td>
</tr>
<tr>
<td></td>
<td>3. My suggestion is expected that LMS and also AIS will no longer experience frequent disturbances because it is very influential for students</td>
</tr>
<tr>
<td></td>
<td>4. For the system in the LMS is good, but if possible the size of the shipment is enlarged or added, making it easier for students to make deliveries in the form of video assignments whose size exceeds the limit in the LMS. thanks.</td>
</tr>
<tr>
<td></td>
<td>5. I suggest that the server admin pay more attention to opening and closing hours for the server.</td>
</tr>
<tr>
<td></td>
<td>6. It should not be limited to open LMS, AIS, Email. For example, like Saturday and Sunday, the server must remain open</td>
</tr>
</tbody>
</table>
According to Scott Young[32], to study the complex skill, cognitive resources such as attention, memory, effort, etc. must be learned from the various exercises. The example, learn to operate the LMS, the students must have computer skills and English skills. These skills can not be faster to learn, mastering these skills requires frequent practices that are drill methods. The student must be focused on a single aspect. When the student had attention to learn computer skills, the student also must understand the English language. On the other hand, the student become to know what the learning media that they love to use when they have studied.

The benefits

<table>
<thead>
<tr>
<th>The main participant</th>
<th>Management</th>
<th>Entrepreneur</th>
</tr>
</thead>
<tbody>
<tr>
<td>• I prefer to learn face-to-face</td>
<td>• I don't think there is any advice, because everything is good enough</td>
<td>• It is very good and improved to make it easier for students</td>
</tr>
<tr>
<td>• The existence of LMS and AIS helped me</td>
<td>• It is hoped that the teaching and learning system will be more effective and active again</td>
<td>• LMS, AIS provided very helpfully</td>
</tr>
<tr>
<td>• The LMS is very helpful to study that I can download lecture notes or PPT.</td>
<td>• My suggestion is that academic services with blended learning will always be better</td>
<td>• Continue to improve services to be even better.</td>
</tr>
<tr>
<td>• this tool is very useful to upload and download the lecture notes.</td>
<td>• More enhanced</td>
<td>• Hopefully, this blended learning academic service can run objectively</td>
</tr>
<tr>
<td>• So time after time, I understand and easier to use these tools and very helpful.</td>
<td>• to be further improved for fluency in learning and teaching.</td>
<td>• Always advancing and developing</td>
</tr>
<tr>
<td>• LMS and AIS are very helpful and simplified learning systems.</td>
<td>• The service is very good and satisfying.</td>
<td>• using LMS and AIS is very helpful. Students can communicate with lecturers through LMS and ask questions about things that are not understood.</td>
</tr>
<tr>
<td>• LMS helped me in the learning process. If I have to collect assignments, I just open the LMS and upload it and don't need to find a lecturer for the collection process.</td>
<td>• I was quite satisfied with the features provided</td>
<td>• Hopefully, blended learning academic services can help the needs of students</td>
</tr>
<tr>
<td>• For me, LMS is very effective and efficient because it is not bound by time and place.</td>
<td></td>
<td>• Hopefully, in the future, this blended learning academic service can further assist students in doing assignments</td>
</tr>
</tbody>
</table>

7. We recommend that systems such as LMS and AIS must be fully activated to make it easier for students to learn.
According to the participant said: “For me, LMS is very effective and efficient because it is not bound by time and place” and “LMS helped me in the learning process. If I have to collect assignments, I just open the LMS and upload it and don't need to find a lecturer for the collection process”, etc. Most of the students prefer to study with blended learning because this method is very helpful to upload the task or read the lecture notes so they can study effective and efficient at the outside face-to-face hours.

5 Conclusion

Blended learning is a means of transferring knowledge that is appropriate for Shanti Bhuana Institute, a campus located in Bengkayang, one of the underdeveloped districts in West Kalimantan, as a way to improve the quality of human resources. The relatively minimal quality of Bengkayang human resources, although it has been stated by the Ministry that Bengkayang has been eliminated from underdeveloped areas, requires appropriate knowledge transfer improvements. On the other hand, the knowledge transfer process is greatly influenced by the technology applied in learning. Why is blended learning appropriate to be applied to this campus? Blended learning applies e-learning (through a virtual world) and face-to-face learning as the main learning. Initially, the majority of students were still accustomed to face-to-face learning, which is traditional learning, so they were not used to getting their information via the internet. Likewise, this is supported by their local wisdom, namely the availability of nature in providing food so that they are accustomed to the instant culture.

Blended learning facilitates the transition of the face-to-face learning process commonly used by students when they are still in school to e-learning which educates them to be active in learning. Likewise, the application of blended learning requires continuous training (drill method) so that they become familiar with the use of computers, ICT, and so on. This research only applies in Bengkayang especially Shanti Bhuana Institute, because the application of blended learning is influenced by local wisdom of the Dayak tribe in Bengkayang and student learning styles.

The blended learning strategies as knowledge transfer are very helpful for the student in Bengkayang, especially in Shanti Bhuana Institute. The finding of this study only presents strategies of knowledge transfer in Shanti Bhuana Institute,
because implementing this strategy must pay attention to local wisdom, the majority of the student’s learning style. The blended learning strategies as knowledge transfer in Shanti Bhuana Institute are drill methods, implantation of the learning method, with a focus on learning style, local wisdom of the student.

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