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Proceeding

ICEEE 1st 2016

The 1st International Conference on Economics Education
& Entrepreneurship

Economic Education and Entrepreneurship Learning Innovations

Auditorium G2 Universitas Negeri Surabaya
July 30th 2016



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Email: iceee1st@gmail.com
www.iceee1st.web.id
Telp: (031) 8285362
Fax: (031) 8293416

The 1 st International Conference on Economic Education and Entrepreneurship 2016

Welcome to International Conference on Economic Educational and Entrepreneurship (ICEEE) 2016 at Universitas Negeri Surabaya



Drs. Eko Wahjudi, M.Si
Dean, Faculty of Economic
Universitas Negeri Surabaya
Indonesia

It is an honor to have you joint this conference, with theme **Economic Education and Entrepreneurship Learning Innovation**are, this conference jointly organized by Faculty of Economic, Universitas Negeri Surabaya with ASPROPENDO, and the 1st annual conference to celebrate the 5th anniversary of Asosiasi Profesi Pendidik Ekonomi Indonesia (ASPROPENDO).

The goals of this conference are to give economic educators the opportunity to share ideas and networks while working together on economic education and entrepreneurship learning innovation for future exchange internationally. It is anticipated that the exchange of the ideas and research findings will contribute greatly to future generations and economic education.

On behalf of the Faculty of Economic, Universitas Negeri Surabaya, I would like to express my gratitude and my sincere appreciation to our co-host institution, the keynote speakers, guest participants and the organizing committees for their efforts. I would like to thank to all delegations and participations that come to the part of this conference.

The 1 st International Conference on Economic Education and Entrepreneurship 2016



Dr. Waspodo Tjipto Subroto, M.Pd

Co-Even Director I
Universitas Negeri Surabaya
Indonesia

Assalamualaikum Wr. Wb.

Honorable, the rector of State University of Surabaya, Prof. Dr. Warsono, M.S

Honorable, the Dean of Faculty of Economic of Universitas Negeri Surabaya, Drs. Eko Wahjudi, M.Si.

Honorable, the Head of ASPROPENDO, Dr. Sugiharsono, M.Si

Respectable, all speakers of the international conference,,

And all of the audiences who are very happy.

Thanks to Allah S.W.T who has been giving us bless and mercies so we can be here together in healthy condition. Then, let us greet and pray to our beloved prophet Muhammad S.AW who brings us the path of light and leave the darkness in this life.

We are glad that the idea to hold this International Conference get good responses from UNESA campus, ASPROPENDO and from Economic Educational both from Indonesia and aboard. Alhamdulillah, the participation of this conference has reached about 250 participants.

Ladies and gentleman, in this conference, we have keynote speakers who come from Indonesia and aboard, they are:

Prof. Dr. Ady Soejoto, M,Si (Indonesia)

Prof. Dr. Hitesh Shukla (India)

Prof. Dr. Ruswiati Suryasaputra (Malaysia)

Dr. Maria Elena David Cruz (Phillipine)

Dr. Moro Kadjo Daniel Bitty (Cote d'Ivoire--West Africa)

And guest participants:

Prof. Dr. Vishal Khasgiwala (India)

Prof. Dr. Chetan Lakhani (India)

The theme of this conference is the ECONOMIC EDUCATION AND ENTREPRENUERSHIP LEARNING INNOVATION. The purpose of this conference is to share the knowledges from all sides

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of the world about how to make a better Innovation Learning in Economic Education. We are educator and we are should give changes in innovation learning in Economic Education.

We thank to:

Universitas Negeri Surabaya

Faculty of Economic of Universitas Negeri Surabaya

ASPROPENDO (Asosiasi Profesi Pendidik Ekonomi Indonesia)

Audience, participant, and proceeding speakers.

And all who support to hold this conference.

Thats all, thanks for your attention, we apologize if there is any mistakes. Enjoy the conference. Hope this will be useful for all of us.

Wassalamualaikum wr.wb

The 1 st International Conference on Economic Education and Entrepreneurship 2016



Dr. Sugiharsono, M.Si
The Chairman ASPROPENDO
Universitas Negeri Yogyakarta
Indonesia

Assalamualaikum w.w.

Give thanks to the God Almighty for His mercy and bless, today we are here to hold the 'Mukernas' (a national work forum) and the ASPROPENDO International conference. In this moment 'Mukernas' will discuss the ASPROPENDO follow-up work program which established in UNS Surakarta and Universitas Jambi. Meanwhile, the international seminar is taking the theme "Economic Education and Entrepreneurship Learning Innovation" (ICEEE). The theme was taken accordance to the demands of the development of education and entrepreneurship, as well as national and regional economic developments in Asia in the globalization era.

This Mukernas and ICEEE were hold by the cooperation of some university; UNESA Surabaya, UNS Surakarta, UKSW Salatiga, UNY Yogyakarta, UPI Bandung, East Java ASPROPENDO Board, and the Central Board ASPROPENDO. Therefore, on behalf of the Central Board ASPROPENDO I would like to thank for all the sacrifices, especially Faculty of Economics UNESA Surabaya for the willing to host and manage the ICEEE and Mukernas ASPROPENDO 2016. Thanks to the Dean of FE UNESA.

More than 40 universities is participated in Mukernas and the International Conference on Economic Educational and Entrepreneurship 1st 2016 as organizers and participants. I would like to say thanks for the cooperation. The role of professional associations, including ASPROPENDO is important, especially for the development of economic education programs, and the accreditation of educational institutions. Therefore, let's support ASPROPENDO as an educator profession forum in Indonesia. *Insyallah* with our support ASPROPENDO will be developed accordance to the demands of the development of education in Indonesia.

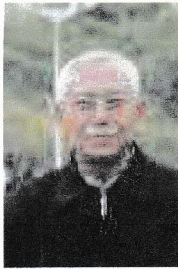
I would like to express my gratitude to Prof. Dr. Warsono, M.Hum as Rector UNESA Surabaya who have allowed and facilitated the International Conference on Economic Educational and Entrepreneurship 1st 2016, and his participation. Thank to Prof. Ruswiati Suryasaputra (Universiti Utara Malaysia), Prof. Hitesh Shukla Saurasthra (University Rajkot, Gujarat India), Maria Elena Dela Cruz David, Ed.D. (Tarlac State University Philippines), Dr. Daniel Moro Kadjo Bitty (Assistant Chairman Dakar Business School), and Prof. Ady Soedjoto, SE., M.Si. (UNESA Surabaya) as keynote speakers. Thanks to Dr. Wapodo, M.Sc. as the Committee Chairman for coordinating the Mukernas and ICEEE. Infinite thanks to all the organizers and participants who have participated in the Mukernas and International Conference on Economic Educational and Entrepreneurship 1st 2016 in UNESA Surabaya. Hopefully this seminar gives us benefit in order to face the economic education in globalization.

Wassalamualaikum w.w.

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Prof. Dr. Ady Soejoto, M.Si
The Board Experts Aspropendo
Universitas Negeri Surabaya
Indonesia

Bissmilahirohmanirrohim
Assalamualaikum Wr, Wb

Welcome to the International Conference on Economic Educational and Entrepreneurship 1st 2016,

Honorable;

The rector of State University of Surabaya,

The Dean of Faculty of Economic of Universitas Negeri Surabaya,

The Chairman of the Asosiasi Profesi Pendidik Ekonomi Indonesia (Aspropendo),

And speakers who have agreed to attend this conference

The Asosiasi Profesi Pendidik Ekonomi Indonesia (Aspropendo) members, audiences and participants that enliven this conference.

Give thanks to the God Almighty, for all the blessings and joy, so we can attend this International Conference on Economic Educational and Entrepreneurship 1st 2016.

Ladies and gentlemen,

In this year, Asosiasi Profesi Pendidik Ekonomi Indonesia (Aspropendo) celebrates its 5th anniversary. This celebration took place in Surabaya, the same city where the organization was founded in July 2011. In this 5 years Aspropendo consistent annually organizes scientific activities such as workshops, seminars and call paper, held in various universities in Indonesia who joined as a member of Aspropendo.

In this celebration, Aspropendo determined to hold international seminar, which will be an annual event for Aspropendo. The Agenda called International Conference on Economic Education and Entrepreneurship (ICEEE). Next year, this agenda will be continued and one of universities in Indonesia, who joined as a member of Aspropendo will get the honor to hold the conference.

This International Conference on Economic Education and Entrepreneurship 1st 2016, were attended by more than 153 speakers from all over Indonesia and other countries. A 'Mukernas' were held in the previous day, and attended by all Aspropendo members throughout Indonesia at 'Papilio Hotel'. I would like to express my gratitude and my sincere appreciation to all who have supported the 'Mukernas' and this International Conference on Economic Education and Entrepreneurship 1st 2016, and support Aspropendo to carry its vision and mission. Aspropendo will continue to strive and participate in advancing education, especially economic education in Indonesia. The existence of Aspropendo will be challenged by the time. The creativity and innovation from all members will answer its challenges.

That's all, and 'Dirgahayu ke 5 Aspropendo, Dari Aspropendo Untuk Indonesia'

Thank you, Wassalamualaikum Wr. Wb

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 Prof. Dr. Hitech Shukla from Saurashtra, University Rajkot, Gujarat India
 Dr. Moro Kadjó Daniel Bitty from Dakar Business School
 Dr. Maria Elena David from Talac University
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The Impact Of Mining To The District Revenue And Its
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DEVELOPING HOT POTATOES-BASED MATERIALS OF STATISTICS SUBJECT FOR ECONOMIC EDUCATION STUDENTS

Kurnia Martikasari
Economic Education, Sanata Dharma University
Yogyakarta, Indonesia
nia.martika@gmail.com

Abstract

Information and communication technology is now growing rapidly in Indonesia. Education should be identify and make changes to improve the quality of learning. One of the way to do is by developing electronic based materials. Statistics subject is one of difficult subjects for students in Economic Education Department of Sanata Dharma University. It is necessary to develop electronic-based materials media. Electronic based materials can interesting and motivating students.

Based on this problems, the authors interest to develop multimedia based materials for Statistics subject by using hot potatoes programs. Development of hot potatoes-based materials are in the form of J-Match, J-Cloze, J-Quiz and J-Cross. Hope, it can help students understanding materials in Statistics subject.

To determine effectiveness of developing exercise by using Hot Potatoes-based materials, measure from students achievement in each exercise. The result is all of students pass each exercise with in the grade A or B or C. From that, developing hot potatoes-based materials of Statistics subject can be one of alternative to increase students achievement, especially materials of Statistics subject.

Keywords : information and communication technology, multimedia, hot potatoes, Statistics subject, Economic Education

1. Introduction

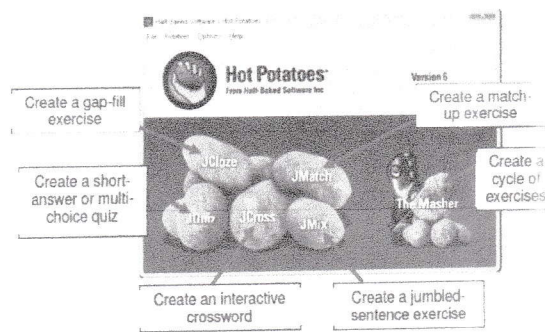
Information and communication technology is now growing rapidly in Indonesia. One of the impact of this is using high technology by our young generation. Education should be identify and make changes to improve the quality of learning. Statistics subject is one of difficult subjects for students in Economic Education Department of Sanata Dharma University. It is necessary to develop electronic-based materials media. Electronic based materials can interesting and motivating students [1].

Based on interview with students, they have problem to understand materials of Statistics subject. Statistics is one of subjects which "must pass" by students and students think that Statistics is a difficult subject, specially for student in Economic Education of Sanata Dharma University. Most of students must pass this subject more then one attempts.

Based on this problems, the authors interest to develop multimedia based materials for Statistics subject by using hot potatoes programs. Development of hot potatoes-based materials are in the form of J-Match, J-Cloze, J-Quiz and J-Cross. Hope, it can help students understanding materials in Statistics subject.

2. Hot Potatoes

Hot Potatoes is a software to create interactive activities as a cycle of interlinked webpage which work offline as well as online [2]. Hot Potatoes have several advantage, which are: (1) create cycles of different types of exercises such as gapfill, sequencing, cloze, matching, crossword which are marked by computer, (2) upload exercise to a moodle learning and have students scores recorded automatically via scorm compatibility, (3) encourage learner autonomy as students can receive immediate feedback when working independently and access resources whenever they wish on their own computer, and (4) create differentiated resources to cater for different levels and allow everyone to work at their own post [3].

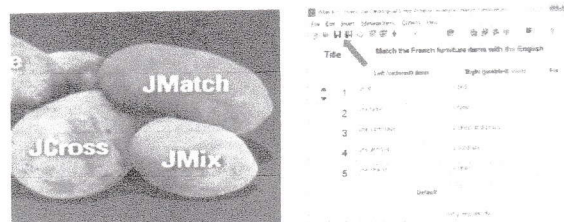


Picture 1 Hot Potatoes Display

Hot Potatoes consists of five different type of activity. They are J-Match, J-Cloze, J-Quiz, J-Cross, and J-Mix. Each activity focusing on one of a different skill or mixture of skills [4].

2.1 J-Match

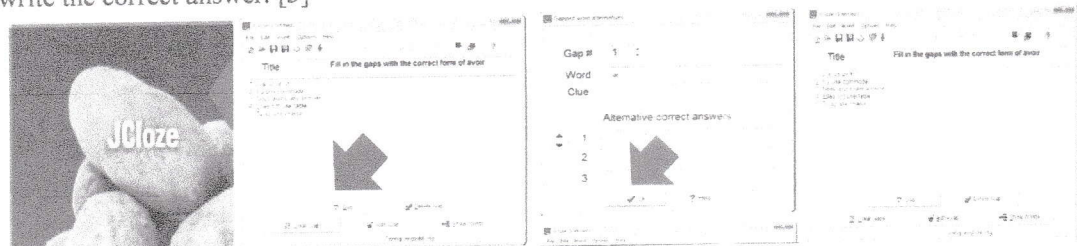
J-Match is one activity of Hot Potatoes. J-Match allows us to input a set of target then the programme generates an interactive exercise. Students can put the right answer to the left statement and have marked for feedback on their attainment. [3]



Picture 2 Example of J-Match Display

2.2 J-Cloze

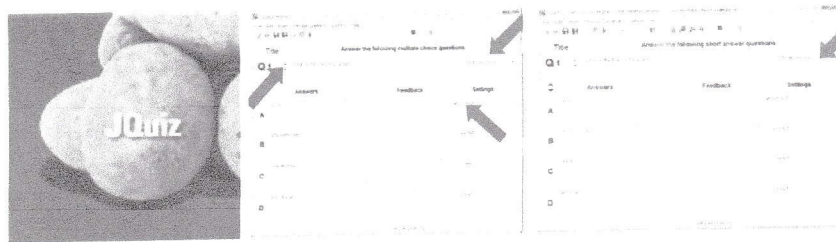
This programme is useful for students. It allows students to fill in gaps in sentences with correct answer. For different purposes, students can choose from a drop down box containing all option, or they have to write the correct answer. [3]



Picture 2 Example of J-Cloze Display

2.3 J-Quiz

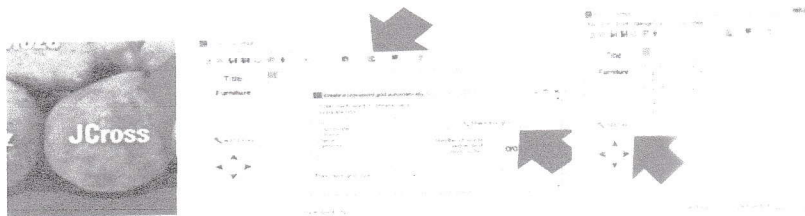
This style of exercise can be used for checking statement. Students have to choose the correct answer for each statement or question, either as multiple choice or as a free answer typed in a box. There are two or more correct versions of answer, the software allows all correct answers to be entered by maker when creating the exercise and students are not penalised for giving a correct answer that 'the computer' does not recognise letter for letter. [3]



Picture 3 Example of J-Quiz Display

2.4 J-Cross

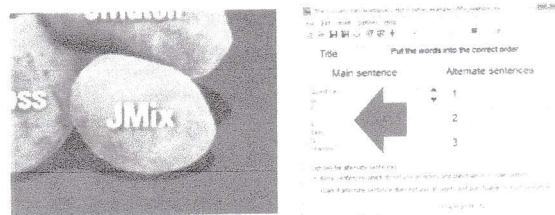
The other style of Hot Potatoes is J-Cross. J-Cross is useful for short answer. Students click on the number of square to reveal the clue, they tab in and then they can check their answer. [3]



Picture 4 Example of J-Cross Display

2.5 J-Mix

J-Mix is one style of Hot Potatoes which can combine one of style and other style of Hot Potatoes. We can input statements and programme jumbles it up. Students have to drag the word/letter/statements into the correct order on the line. [3]



Picture 5 Example of J-Mix Display

3. Developing Hot Potatoes-Based Materials of Statistics Subject

Statistics is one of subjects which "must pass" by students and students think that Statistics is a difficult subject, specially for student in Economic Education of Sanata Dharma University. Most of students must pass this subject more than one attempts. Based on interview with students, they have problem to understand materials of Statistics subject.

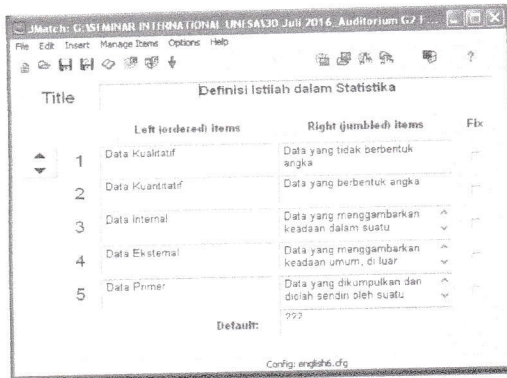
Based on that problem, lecturer develop design of learning progress to help students understand materials of Statistics easily. For that, lecturer develop online exercises-based on materials by using Hot-Potatoes. Online exercises can helping students improve the understanding of the materials that has been discussed at the meeting in question. Online exercises are given after the meeting. Deadline is 6 days. Students are given the opportunity twice on each exercise. Students who are not present at the meeting in question, still can take online exercise. Online exercises is helping students learn independently outside the meeting in the classroom. Online exercises are uploading by using moodle.

4. Result

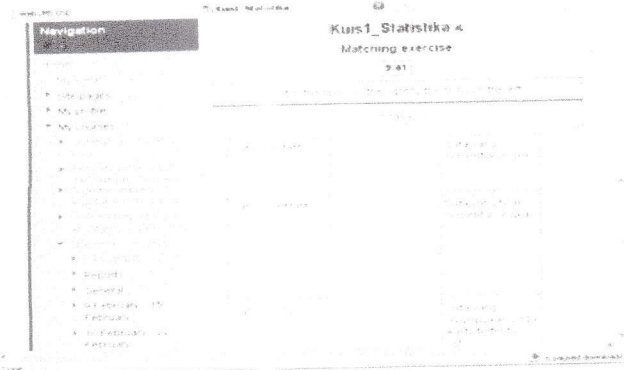
This research is research and development and result of this research are products. Products refer to exercise-based on materials of Statistics which develop by using hot potatoes, include J-Match, J-Cloze, J-Quiz and J-Cross.

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Developing hot potatoes-based materials of statistics subject, are:



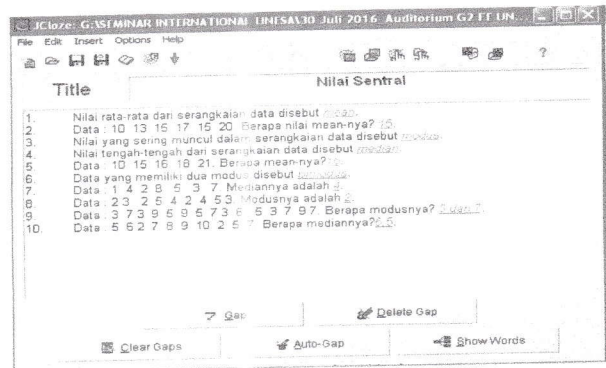
Picture 6 J-Match Exercise, Hot-Potatoes Display



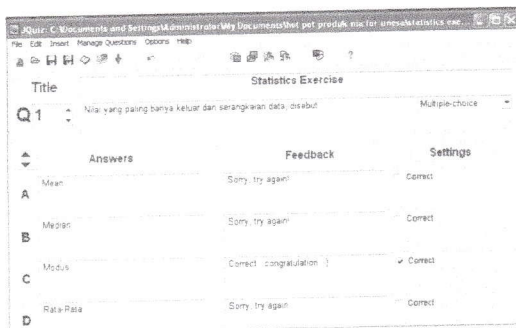
Picture 7 J-Match Exercise, Moodle Display



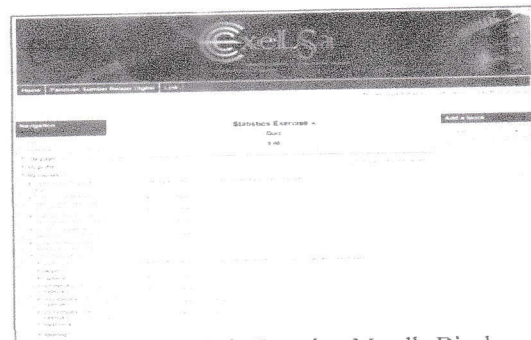
Picture 9 J-Cloze Exercise, Hot-Potatoes Display



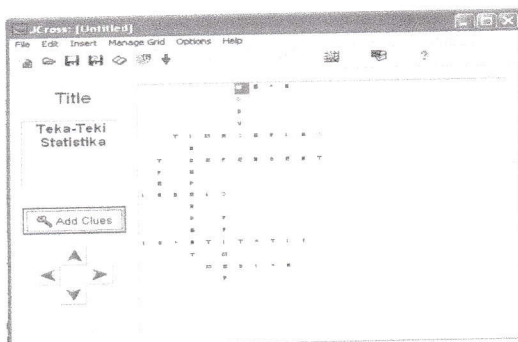
Picture 10 J-Cloze Exercise, Moodle Display



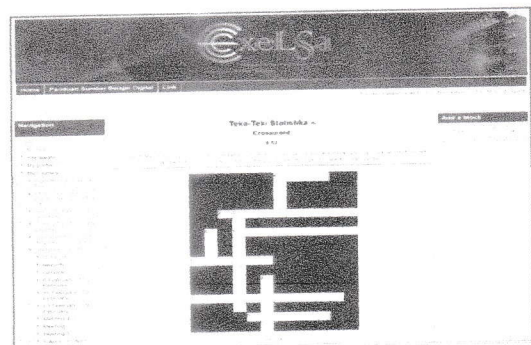
Picture 11 J-Quiz Exercise, Hot-Potatoes Display



Picture 12 J-Quiz Exercise, Moodle Display



Picture 13 J-Cross Exercise, Hot-Potatoes Display



Picture 14 J-Cross Exercise, Moodle Display

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To determine effectiveness of developing exercise by using Hot Potatoes-based materials, measure from students achievement in each exercise. Passing grade of Statistics subject is 56. By using hot potatoes-based materials exercise in every chapter, can help student to understand materials of Statistics subject. Based on students achievement in every exercise, students can pass the passing grade. The results are as below.

Table 1. Students Achievement

Score	Grade	Basic Concepts of Statistics	Procedure Research of Statistics	Tables & Graphs of Statistics	Frequencies distribution	Central Value	Dispersion	Index	Trend
80-100	A	83,3%	94,4%	97,2%	100%	100%	97,2%	100%	100%
66-76	B	11,1%	5,6%	2,8%			2,8%		
56-65	C	5,6%							
46-55	D								
0-45	E								

Source: Hot Potatoes Overviews, 2016.

5. Conclusion

Information and communication technology is now growing rapidly in Indonesia. Education should be identify and make changes to improve the quality of learning. One of the way to do is by developing electronic based materials.

Statistics subject is one of difficult subjects for students in Economic Education Department of Sanata Dharma University. It is necessary to develop electronic-based materials media. Electronic based materials can interesting and motivating students.

One of the way to do it is by developing hot potatoes-based materials of Statistics subject. This developing include J-Match, J-Cloze, J-Quiz and J-Cross. To determine effectiveness of developing exercise by using Hot Potatoes-based materials, measure from students achievement in each exercise. The result is all of students pass each exercise with in the grade A or B or C. From that, developing hot potatoes-based materials of Statistics subject can be one of alternative to increase students achievement, especially materials of Statistics subject.

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Universitas Negeri Surabaya
Kampus Ketintang
Jl Ketintang, Surabaya
Jawa Timur - Indonesia
Post Code : 60231
Phone : +62 31 8285362
Email : iceee1st@gmail.com
Website : fe.unesa.ac.id

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Email : iceee1st@gmail.com
Website : www.iceee1st.web.id