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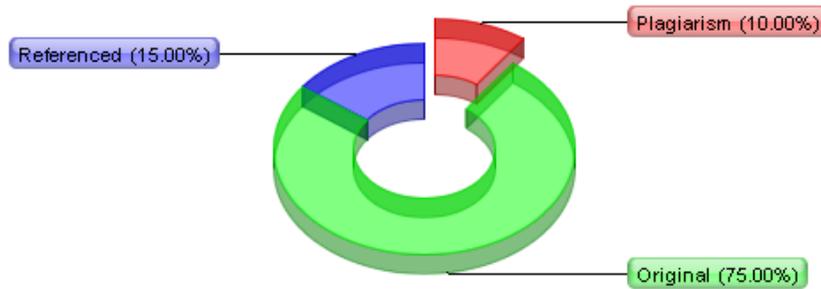
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## "3. Development ..... Community - F.J. Tasiyam, dkk..docx"

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<p>D          evelopment of Electrical Engineering TeacherC          ompetency ModelF          acing ASEAN Economic CommunityF          id Jantje Tasiama, Djoko Kustonoa, Purnomoa, Hakkun Elmunsyahaa          Universitas Negeri Malang, INDONESIAA</p> <p><b>Plagiarism detected: 0.09%</b> <a href="http://www.ijese.net/makale/1976">http://www.ijese.net/makale/1976</a> + 2 more resources!</p>	id: 1
<p>BSTRACT</p> <p><b>Quotes detected: 13.03% in quotes:</b></p> <p>"The main factor facing the ASEAN Economic Community (MEA) is prepare a reliable Human Resources (HR), if not prepared carefully will be missed and citizens of Indonesia can be a guest at home. The objectives of this research are (1) to describe the competency model of vocational electrical engineering teacher to face the ASEAN Economic Community (MEA), (2) develop electrical engineering vocational model with website approach, and (3) Show feasibility level of websites when used to develop the competence of vocational high school electrical engineering teachers. Based on the validation results obtained the final data of 95% of material experts, 96.4% of media experts, and 88% of teachers. Based on the average results obtained from the test of material experts, media experts, and teachers obtained a percentage of 93.1%, so it can be concluded the website developed is valid and feasible to use"</p>	id: 2
<p><b>Plagiarism detected: 0.81%</b> <a href="http://www.ijese.net/makale/1976">http://www.ijese.net/makale/1976</a> + 2 more resources!</p>	id: 3
<p>.K          EYWORDS ARTICLE HISTORYE          lectrical Engineering, Competency Model, ASEA          N Received 2 June 2017R          evised 30 June 2017A          ccepted 17 July 2017I          ntroductionI          ndonesia must</p>	id: 4
<p><b>Plagiarism detected: 0.54%</b> <a href="http://www.ijsrp.org/research-paper...">http://www.ijsrp.org/research-paper...</a></p> <p>enter the ASEAN Economic Community (MEA)          ) for now. This can have a positive impact, but on the other hand there are also a few negative impacts can arise.          Prasetyo (2015) says</p>	id: 5
<p><b>Quotes detected: 1.89% in quotes:</b></p> <p>"Indonesia's readiness is needed against MEA if it does not want the State of Indonesia will become other ASEAN country market"</p> <p>. Wuryandari (2014) says there are four important things when implementation of MEA in 2015, (1) ASEAN as market and single production. (2) mutual economic development, (3) the economic equity, (4) strengthening competitiveness, including the importance of competent workers.C          ORRESPONDENCE F. J. Tasiama / fidmailto:tasiama@yahoo.com          .tasiama@yahoo.comEl          ectrical Engineering Vocational High School (SMK) need to be prepared carefully so that electric or electro power graduates do not miss the electric power from countries joined in MEA. Currently, Indonesia's electric power is still far behind when compared with countries classified as MEA. Kuntandi (2015) said that the power plant in 2011, electrification ratio in Indonesia only 72.95%, far behind compared to Singapore with electrification ratio of 100%, Malaysia and Brunei about 80%.St          ate Electricity Company (PLN) electricity prices are quite expensive because it still uses fuel and coal whose price continues to increase (Kuntadi,2          015:11). To face the competition of labor in facing MEA need to prepare strategy so that its implementation can be systematic and reliable. Kresna (2015) emphasized that the implementation strategy of improving nationalc          ompetitiveness and preparation of the implementation of MEA 2015 namely, the development of manpower through</p>	id: 6
<p><b>Quotes detected: 1.17% in quotes:</b></p> <p>"Improving the competitiveness of labor and increasing the competence and productivity of labor"</p>	id: 6

.R  
 Referring Indonesian law in Undang-Undang Nomor 14 tahun 2005C  
 chapter IV article 10, which emphasizes that a teacher is said to be competent when it has mastered four basic  
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competencies, namely pedagogic competence, personality competence, social competence and professional  
 competence.

Saud (2009) emphasized that these four competencies are not independent, but are interconnected and  
 interdependent and have a hierarchical relationship, m  
 eaning each other's mutual-one competence underpins other competencies. Res  
 earch Methodology T  
 his application  
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development model uses ADDIE development. The ADDIE development model consists of 5 stages: (1)  
 Analysis, (2) Design, (3) Develop, (4) Implement, and (5) Evaluation. T  
 he website will be validated with expert judgement (material and media) before implement to electrical  
 engineering teachers in Manado, Indonesia. The subject of material and media expert is Dr. Muladi, S.T., M.T.  
 and Dr. Eddy Sutadji, M.Pd. from Universitas Negeri Malang, Indonesia. Type of data obtained  
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in the form is quantitative and qualitative. The data collection instr  
 ument used is a closed questionnaire which referring of instructional media criteria from Wahono (2006). Res  
 earch Result T  
 he result of this research is information and forum website with 5 main feature. The Domain Name Server of  
 website is <http://musyawarahguruelektro.org/>  
<http://musyawarahguruelektro.org/>. Feature of website is (1) automatically give updated education information in  
 4 country (Indonesia, Malaysia, Singapura, and Philippines) which show in Figure 1, (2) translate the website to  
 make it easier to understand the website content which show in Figure 2, (3) support responsive view for  
 notebook, smartphone, and tablet device which show in Figure 3, (4) RSS Feed feature for automatic  
 dissemination of information from the forum which show in Figure 4, and (5) Integrate with calendar (we can  
 insert Indonesia academic calendar for give information to forum member) which show in Figure 5. Fi  
 gure 1. Education Information from Indonesia Fi  
 gure 2. Translate Education Information from Indonesia Fi  
 gure 3. Responsive View in Smartphone Fi  
 gure 4. RSS Feed Feature for Automatic Dissemination of Information Fi  
 gure 5. Forum Calendar In  
 validation step, there are minor revision from material and media expert before website is implement to teachers.  
 The result percentage of data processing from expert judgement and teachers this research show in Figure 6. Fi  
 gure 6. Result of Data Processing C  
 onclusion Ba  
 sed  
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on the result of this reseach, we can answer the goal of this research, (1) There are several websites in the  
 form of info  
 rmation and forums to facilitate teachers in communicating. The first product is The informatic engineering  
 vocational high school teacher forum developed by Elmunsyah (2014) and the second is the discussion website  
 portal of Central Java developed by Amin (2014). Based on the two websites, the development of communication  
 model of electrical engineering teachers to face the MEA is adapted from each of the advantages of each  
 website to be combined into a whole product. (2) Has been developed website of electrical engineering teacher  
 to facing MEA, where the website not only features as an information portal, but also there is a forum that can be  
 used by teachers to exchange ideas. Based on the validity test of the website  
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by the material experts and media experts, the final data were obtained by 95% of the material experts and  
 96.4% of the media ex  
 perts, both of which were valid and testable to the teachers. (3) website have percentage 88% from teachers trial  
 result, so the website of electrical engineering teacher communication forums to facing the MEA is included in  
 the category worthy. D  
 isclosure statement N  
 o potential conflict of interest was reported by the authors. N  
 otes on contributors F  
 id Jantje Tasiyam, Universitas Negeri Malang, Indonesia. P  
 rof. Dr. Ir. Djoko Kustono M.Pd - Lecturer of Mechanical Engineering in U

niversitas Negeri Malang, Indonesia.D

r. Purnomo, S.T., M.Pd. - Lecturer of Mechanical Engineering in UniversitasNege  
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