

PROCEEDINGS



ESTCON 2020

WORLD ENGINEERING, SCIENCE & TECHNOLOGY CONGRESS

VIRTUAL CONGRESS IN 2021 | 13-15 JULY 2021

SCIENCE, TECHNOLOGY & HUMANITIES : REINVENTING THE FUTURE

International Conference on
Computer & Information Sciences

ICCOINS



SUSTAINING TOMORROW WITH DIGITAL INNOVATION

Organiser



Co-Organisers



PRINT ISBN: 978-1-7281-7151-7
Part Number: CFP2135X-PRT

USB ISBN: 978-1-7281-7152-4
Part Number: 978-1-7281-7152-4

XPLORE: ISBN: 978-1-7281-7153-1
Part Number: CFP2135X-ART

2021 International Conference on Computer & Information Sciences (ICCOINS)

(Proceedings)

© Copyright 2021 IEEE. All rights reserved.

Email: copyrights@ieee.org

PRINT

ISBN: 978-1-7281-7151-7

Part Number CFP2135X-PRT

USB

ISBN: 978-1-7281-7152-4

Part Number 978-1-7281-7152-4

XPLORE COMPLIANT

ISBN: 978-1-7281-7153-1

Part Number CFP2135X-ART

The 2021 International Conference on Computer & Information Sciences (ICCOINS) is the 6th in a series of the conference organised under the umbrella of World Engineering, Science and Technology Congress (ESTCON), Universiti Teknologi PETRONAS, since 2010. ICCOINS2020 will serve as the intersection of industrial expertise, engineers, scientists, academicians, and scholars to disseminate the latest findings from their areas of expertise.

ORGANIZING COMMITTEE

<i>Chairman</i>	Ts Dr Aliza Sarlan
<i>Co-Chairman</i>	Ts AP Dr Ahmad Kamil Mahmood
<i>Secretary</i>	Ts Dr Norshakirah Bt Abdul Aziz AP Dr Dhanapal D. Dominic
<i>Treasury</i>	Ts Dr Khairul Shafee Kalid Ts AP Dr Dayang Rohaya Awang Rambli
<i>Technical</i>	Ts Dr. Rohiza Bt Ahmad Dr Ahmad Sobri Hashim Ts AP Dr Toni Anwar Dr Nordin Zakaria
<i>Publication</i>	Ts Dr Said Jadid Abdulkadir Ts AP Dr Mohd Fadzil Hassan Ts Dr Suziah Sulaiman Ts Saipunidzam B Mahamad
<i>Sponsorship</i>	AP Dr Manzoor Ahmed Hashmani Dr Izzatdin B Abd Aziz Ts AP Dr Wan Fatimah Bt Wan Ahmad Ts Faizal B Ahmad Fadzil
<i>Publicity & Protocol</i>	Ts Dr Shuib b Basri Ts Ahmad Izuddin B Zainal Abidin Ts Jale B Ahmad
<i>IT & Media</i>	Ts Dr Hitham Seddiq Alhassan Alhussian Ts Dr Helmi Md Rais
<i>Event</i>	Ts Dr Mazeyanti Bt M Ariffin Ts Dr. Savita A/P K. Sugathan Ts Dr Emelia Akashah Bt Patah Akhir
<i>Logistic</i>	Ts Dr Lukman Abd Rahim Ts AP Dr Low Tan Jung
<i>Secretariat</i>	Ts Abdullah Sani Abd Rahman Nurulhuda Hashim Safinaz Hamzah Ts Nazleeni Samiha Bt Haron
<i>Technical Sponsor</i>	IEEE Computational Intelligence Society, Malaysia Chapter

Contents

Paper & Author(s)	page	Filename
Towards Improved Data Analytics Through Usability Enhancement of Unstructured Big Data Dr. Rehan Akbar, Ms. Kiran Adnan and Dr. Khor Siak Wang	1	1570622670.pdf
Investigation on IoT Intrusion Detection in Wireless Environment Dr. Vasaki Ponnusamy and Dr. Bobby Sharma	7	1570624265.pdf
A Proposed Gamification Elements of Educational Games Monther M. Elaish, Mahmood Hussein, Nor Liyana Mohd Shuib, Wan Fatimah Wan Ahmad and Katrin Becker	14	1570624541.pdf
Mobile Application for Student Handbook Based on the Android Operating System Mr. Yunus Adam Abiodun, Mr. Usman Isyaku Bature, Mr. Danladi Muhammad Sani, Mr. Josiah Nkom Lawrence and Mr. Nura Musa Tahir	18	1570625944.pdf
Smart Agriculture with Intelligent Transportation System for Sustainable Future Cities Dr. Hock Guan Goh, Dr. Andrew Hamilton, Dr. Ming-Lee Gan and Prof. Ivan Andonovic	24	1570625972.pdf
Analysis User Interface: Mobile Application to Blended Learning Model Mrs. S. Astuti, Mrs. I. Ratna Ermawati, Dr. Wan Fatimah Wan Ahmad and Mr. Mohd Hilmi Hasan	30	1570626811.pdf
Plant Disease Detection Mobile Application Development Using Deep Learning Dr. Hui Fuang Ng, Prof. Chih-Yang Lin, Dr. Joon Huang Chuah, Mr. Hung-Khoon Tan and Prof. Kar Hang Leung	34	1570626827.pdf
Development of Blended Learning Media Using Character-Based Flipbook Smartphone Mrs. I. Ratna Ermawati	39	1570627161.pdf
Analysis of Effectiveness Character Value in Blended Learning Mrs. Onny Fitriana Sitorus, Dr. Wan Fatimah Wan Ahmad, Mr. Mohd Hilmi Hasan and Mrs. Meyta D. Kurniasih	43	1570627246.pdf
Health Clinic System with e-Health and Android Technology for University in Saudi Arabia Ms. Fatimah Aayed Albrahimi Aljohani, Ms. Aseel Abdullah Alfaidi and Dr. Soperi Zahid	47	1570627264.pdf
Factors Influencing Continuance Intention of E-commerce Among SMEs in Northern Region of Malaysia Dr. Seng Chee Lim, Ms. Xiu Ying Pan, Dr. Seng Poh Lim, Dr. Chen Kang Lee, Ms. Joi San Tan and Mr. Lim Jit Theam	53	1570627449.pdf

Paper & Author(s)	page	Filename
Barriers to Adoption of Industry 4.0 in Manufacturing Sector Mr. Hafiz Mudassir Rehman, Dr. Au Yong Hui Nee, Dr. Yuen Onn Choong and Dr. Mobashar Rehman	59	1570627517.pdf
The Effect of Character-Based Teaching Flipbook Media on the Result of Calculus Learning Mrs. Meyta D. Kurniasih, Mrs. I. Ratna Ermawati, Mrs. S. Astuti, Mrs. Onny Fitriana Sitorus and Dr. Wan Fatimah Wan Ahmad	65	1570627526.pdf
Segmented Region Based Reconstruction of Magnetic Resonance Image Mr. Muhammad Faris, Dr. Tariq Javid, Dr. Syed Sajjad Hussain Rizvi and Mr. Arshad Aziz	68	1570627583.pdf
Fine-Grained Emotion Classification: Class Imbalance Effects on Classifier Performance Dr. Jasy Suet Yan Liew and Dr. Howard Turtle	74	1570627693.pdf
Investigating Communication Approach for Physically-Disabled Children Using Assistive Technologies Mrs. Azhana Ahmad, Mr. Adzly Anuar, Mrs. Zailani Ibrahim and Mr. Thinish Parasuraman	80	1570627974.pdf
Invariant of AES Algorithm Implementations Against Side Channel Attacks in IoT Devices Mrs. Nadia Mustaqim Ansari, Dr. Rashid Hussain, Dr. Syed Sajjad Hussain Rizvi and Dr. Sheeraz Arif	84	1570628915.pdf
Smart Rat Trap Mr. Muhammad Safarruddin Mohd Nazri and Dr. Aliza Sarlan	90	1570629074.pdf
Multimedia Elements in Designing Mobile Apps Interface for Autistic Children: Proxy User Perspective Ms. Nadiah Mohamad Sofian, Dr. Ahmad Sobri Hashim and Dr. Aliza Sarlan	96	1570629111.pdf
Parametric Evaluation of Improved Deep Learning Networks for Musculoskeletal Disorder Classification Dr. Syed Sajjad Hussain Rizvi, Ms. Sadia Nazim, Dr. Muhammad Moinuddin, Dr. Muhammad Zubair and Dr. Muhammad Rizwan Tanweer	102	1570629365.pdf
Solar-Wind Hybrid Energy Generation System MPPT Using Perturb and Observe (P&O) Algorithm Dr. Rashid Hussain, Dr. Ahmed Sikander, Dr. Sheeraz Arif and Mr. Muhammad Umair	109	1570629779.pdf
A Neoteric Variant of Deep Learning Network for Chest Radiograph Automated Annotation Dr. Syed Sajjad Hussain Rizvi, Ms. Saima Sultana, Dr. Fayez al Fayez, Mr. Muhammad Umair and Dr. Manzoor Ahmed Hashmani	114	1570629943.pdf

Paper & Author(s)	page	Filename
Challenges in Requirement Management Process: An Overview Ms. Siti Nadzirah Khairuddin, Dr. Aliza Sarlan and Dr. Rohiza Ahmad	120	1570630378.pdf
Application of a Wavelet-based Krylov Subspace Algorithm on Digital Signal Convergence Dr. Ahmed Sikander, Dr. Syed Sajjad Hussain Rizvi, Dr. Rashid Hussain, Dr. Sheeraz Arif and Dr. Jawwad Ahmad	125	1570630400.pdf
Fast Regression Convolutional Neural Network for Visual Crowd Counting Mr. Shen Khang Teoh, Dr. Vooi Voon Yap and Dr. Humaira Nisar	131	1570631475.pdf
A Novel Approach to Detect Concept Drift Using Mutual Information Based Clustering Dr. Syed Sajjad Hussain Rizvi, Dr. Manzoor Ahmed Hashmani, Vali Uddin, Mr. Tayyab Ansari and Mr. Syed Muslim Jameel	136	1570631796.pdf
A New Framework of Smart System for Inventory Management, Stock Item Locator and Navigation Dr. Nur Diyana Binti Kamarudin	142	1570633224.pdf
A Conceptual Model of Military Blockchain for Repair Parts Supply Chain Management Dr. Syarifah Bahiyah Rahayu	146	1570633226.pdf
A Scalable Blockchain Consensus Model Mr. Dodo Khan, Dr. Tang Jung Low and Dr. Manzoor Ahmed Hashmani	151	1570633935.pdf
Advanced Data Analytics and Supervised Machine Learning in Optics Engineering Analysis Ms. Lai Mun Choong and Mr. Wei Kuang Cheng	157	1570634191.pdf
Machine Learning in Failure Analysis of Optical Transceiver Manufacturing Process Ms. Lai Mun Choong and Mr. Wei Kuang Cheng	160	1570634194.pdf
Exploring Children User Experience in Designing Educational Mobile Application Dr. Khairul Shafee Kalid, Dr. KS Savita and Ms. Kiranjeet Kaur	163	1570634365.pdf
Financial Time Series Forecasting with Hybrid ARIMA-Continuous Wavelet Transform Mr. Heng Yew Lee, Dr. Woan Lin Beh and Dr. Kong Hoong Lem	169	1570634589.pdf
Proposed Acceptance Framework of Online Learning Platform for Urban Poor Ms. Nornadia Binti Azhar, Dr. Wan Fatimah Wan Ahmad and Prof. Zainab Abu Bakar	174	1570634723.pdf

Paper & Author(s)	page	Filename
The Development of Digital Books of Islamic Science Integration on Respiratory System Materials Mrs. Maryanti Maryanti and Mrs. Camelia Safitri	180	1570634734.pdf
Evaluation of Blockchain Algorithm for Smart Rental Application Using Smart Contract Mr. Yong Han Keith, Mr. Faizal Ahmad Fadzil and Mr. Izuddin Zainal-Abidin	185	1570634736.pdf
Comparative Study on the Readiness of Mobile Learning Application in Learning Wan Fatimah Wan Ahmad, I. Ratna Ermawati, Sri Astuti, Meyta D. Kurniasih and Hilmi Hassan	191	1570634740.pdf
Exploring User Preferences on eText Interface Design to Support Reading Among Low Vision Elders Ms. Wan Anis Izzati Wan Affandi Azam, Dr. Suziah Sulaiman, Dr. Dayang Rohaya Awang Rambli and Ms. Oi Mean Foong	195	1570634758.pdf
Interference-aware Wireless Internet of Things Gateway Placement Scheme Mr. Teik Boon Tan, Dr. Boon Yaik Ooi, Dr. Soung Yue Liew and Mr. Zan Wai Kong	201	1570634769.pdf
Design and Implementation of Deep Learning Core for FPGA Platform Mr. Jin Chuan See, Dr. Jing Jing Chang, Dr. Hui Fuang Ng, Mr. Kai Ming Mok and Dr. Wai Kong Lee	207	1570634776.pdf
Multi-population Genetic Algorithm for Rich Vehicle Routing Problems Mr. Joseph Mabor Agany Manyiel, Dr. Kwang Hooi Yew and Dr. Nordin Zakaria	213	1570634833.pdf
Critical Literature Review of Named Entity Recognition in Symbol Spotting Mr. Kai Bin Ong and Dr. Kwang Hooi Yew	220	1570634846.pdf
Accounting-based Digital Payment Systems for SMEs Prof. Ridwan Sanjaya, Dr. Theresia Dwi Hastuti, Mrs and Mr. Freddy Koeswoyo	226	1570634879.pdf
Review on Secure Device to Device Communications in LTE Ms. Robithoh Annur	230	1570634888.pdf
Virtual Assistant to Suicide Prevention in Individuals with Borderline Personality Disorder Dr. Wibhowo Christin and Prof. Ridwan Sanjaya	234	1570634984.pdf
A Review Towards Deep Learning for Sentiment Analysis Mr. Hoong-Cheng Soong, Dr. Ramesh Ayyasamy and Dr. Rehan Akbar	238	1570635017.pdf

Paper & Author(s)	page	Filename
The Differences in Students Mathematical Resolution Ability Assisted by Geogebra Ms. Nurafni Nurafni	244	1570635104.pdf
The Investment Opportunity, Information Technology and Financial Performance of SMEs Dr. Theresia Dwi Hastuti, Mrs. Prof. Ridwan Sanjaya and Mr. Freddy Koeswoyo	247	1570635159.pdf
Investor Style in Stock Investment Decisions Dr. Elizabeth Lucky Maretha, Dr. Kristiana Haryanti, Dr. Widuri Kurniasari and Mr. Y. Wisnu Sasmito	252	1570635203.pdf
The Development of the Educational Contents and Framework for Disaster Mitigation in Indonesia Dr. KS Savita, Mr. Gary Foo Xiang G, Dr. Maythem Kamal Abbas Al-Adilee, Dr. Jebul Suroso, Ms. Susana Widyaningsih and Ms. Sri Suparti	258	1570635228.pdf
Cost-Effective Scraping and Processing of Real-time Traffic Data for Route Planning Mr. Hong Le Tee, Dr. Soung Yue Liew, Mr. Chee Siang Wong and Dr. Boon Yaik Ooi	264	1570635252.pdf
Collaborative Visualization Framework for Cross-field Working Group Mr. Danial Ilman Muhammad Hasni and Dr. Aliza Sarlan	270	1570635326.pdf
Immersive and Non-Immersive VR Display Using Nature Theme as Therapy in Reducing Work Stress Mrs. Marlina Binti Abdul Manaf	276	1570635338.pdf
Designing A Use Case Diagram for Developing an Electricity Consumption (EC) System Dr. Suhaimi Rahman, Dr. Wahidah Hashim and Mr. Azlan Yusof	282	1570635353.pdf
Student Interest in Understanding European History Through the Museum Virtual Tour 360 Dr. Desvian Bandarsyah and Mr. Sulaeman	286	1570635385.pdf
AE Source Localization for Oil & Gas Pipelines Using Machine Learning Technique Mr. Farrukh Hassan, Dr. Ahmad Kamil Mahmood, Dr. Norashikin Yahya and Mr. Md. Alam	289	1570635386.pdf
Social Influence on the Use of Social Media Towards Environmental Sustainability Awareness in HE Ms. Abeer Abdullah Abdulmajid Mohammed and Dr. Dhanapal Durai Dominic	294	1570635399.pdf
Predictive Learning Analytics (PLA) for Higher Level: A Systematic Literature Review Ms. Nur Aisyah Nurhadi and Mrs. Noreen Arshad	300	1570635445.pdf

Paper & Author(s)	page	Filename
Superlinear Speedup on GPGPU Using Laplacian Algorithm with Convolution Filtering as A Case Study Dr. Mogana Vadiveloo, Mr. Mishal Almazrooie and Prof. Rosni Abdulah	305	1570635450.pdf
Metoccean Prediction Using Hadoop, Spark & R Ms. Sumayema Kabir Ricky and Dr. Lukman Ab. Rahim	312	1570635641.pdf
Network-Level Behavioral Malware Analysis Model Based on Bayesian Network Dr. Mohammad Hafiz Mohd Yusof and Dr. Abdullah Mohd. Zin	316	1570635659.pdf
Image Processing for Enhanced OMR Answer Matching Precision Ms. Jing Yi Tow, Dr. Kwang Hooi Yew and Mr. Kai Bin Ong	322	1570638026.pdf
Decentralized Application for managing the disaster with Blockchain, Cloud & IOT Dr. B Sreedevi, Mr. E. Stephen Samraj, Mr. S. Kamlesh Kumar	328	1570638132.pdf
Sensory Feedback and Interactivity: Enhancing Motivation and Engagement for VR Stroke Rehabilitation Ms. Fatin Shamimi Mohd Zuki, Dr. Suziah Sulaiman, Assoc. Prof. Dr. Dayang Rohaya Awang Rambli, Prof. Dr. Frédéric Merienne and Assoc. Prof. Dr. Mohamad Naufal Mohamad Saad	333	1570638252.pdf
Extended TAM and TTF Model: A Framework for the 21st Century Teaching and Learning Ms. Thian Li Lim and Dr. Angela Siew-Hoong Lee	339	1570638333.pdf
Text Simplification for Malay Corpus: A Review Mrs. Salehah Omar, Dr. Juhaida Abu Bakar, Dr. Maslinda Mohd Nadzir, Dr. Nor Hazlyna Harun and Dr. Nooraini Yusoff	345	1570638454.pdf
A GA Approach to Optimization of Convolution Neural Network Mr. Pradeep Naulia, Dr. Izzatdin Abdul Aziz, Prof. Junzo Watada and Dr. Arunava Roy	351	1570638530.pdf
Predicting Student's Performance Using Machine Learning Methods: A Systematic Literature Review Mr. Yahia Baashar, Mr. Gamal Alkawsji, Ms. Nor'ashikin Ali, Dr. Hitham Alhussian and Dr. Hussein Tiawi Bahbouh	357	1570638564.pdf
Implementation of CRMS in Healthcare: An Actor-Network Theory (ANT) Perception Mr. Yahia Baashar, Mr. Gamal Alkawsji, Dr. Hitham Alhussian and Dr. Hussein Tiawi Bahbouh	363	1570638569.pdf
Factors Influencing Blockchain Adoption in Government Organization: A Proposed Framework Miza Shazwani Kamarulzaman, Dr. Noor Hafizah Hassan, Dr. Nur Azaliah Abu Bakar, Dr. Nurazeen Maarop, Dr. Norshakirah Aziz and Mr. Ganthan Narayana Samy	366	1570638570.pdf

Paper & Author(s)	page	Filename
A Hadoop Allied Security Platform for Seismic Big Data Processing <i>Dr. Shiladitya Bhattacharjee and Dr. Lukman Ab. Rahim</i>	372	1570638572.pdf
Formulating Infostructure Maturity Model for Disaster Management <i>Ms. Aliza Abdul Latif, Dr. Noor Habibah Arshad and Dr. Norjansalika Janom</i>	378	1570694963.pdf
Lockdown Strategy to Control Covid-19 Pandemic Using Automata <i>Ms. Shagufta Jabeen, Dr. Tauqeer Safdar Malik and Mr. Mohd Hilmi Hasan</i>	384	1570698939.pdf
Share Buyback Prediction Using LSTM on Malaysian Stock Market <i>Mr. Muhammad Zahid Hilmi, Dr. Ahmad Kamil Mahmood, Dr. Abdul Moin, Dr. Sutrisno and Dr. Toni Anwar,</i>	390	1570712934.pdf
Design Pattern Based Distribution of Microservices in Cloud Computing Environment <i>Mr. Abdul Saboor, Dr. Ahmad Kamil Mahmood, Mr. Mohd Fadzil Hassan, Dr. Syed Nasir Shah, Mr. Farrukh Hassan and Mr. Muhammad Aadil Siddiqui</i>	396	1570713709.pdf

STUDENT INTEREST IN UNDERSTANDING EUROPEAN HISTORY THROUGH THE MUSEUM VIRTUAL TOUR 360

Desvian Bandarsyah

Fakultas Keguruan dan Ilmu Pendidikan
Universitas Muhammadiyah Prof. DR. HAMKA
Jakarta, Indonesia
d.bandarsyah@gmail.com

Sulaeman

Fakultas Keguruan dan Ilmu Pendidikan
Universitas Muhammadiyah Prof. DR. HAMKA
Jakarta, Indonesia
sulaemansejarah@gmail.com

Studying history globally in a geographical framework is a bit more difficult than exploring it in terms of time. Difficulties that arise due to the vast landscape in local, regional and global constellation on earth where humans leave traces of their past. Such conditions, contrary to human curiosity, especially students when studying the historical narrative of human civilization in the dimensions of space and time. This article, seeks to present alternative thoughts while addressing difficulties or problems in students in studying European History that is geographically far from Indonesia. Through a touch of sophisticated digital technology in the form of the Virtual Tour 360 Museum, students are invited to wander to enliven their curiosity on the relics of Europeans. This article discusses important findings, including: (1) students' interest in studying European History is mounting, as lecturers guide students to visit the website <http://www.youvisit.com/tour/louvre-museum> and other museums that store relevant resources at European History material; (2) an interactive dialogue process takes place in the classroom, thereby arousing critical reasoning and enlivening the imagination of students by looking directly at artifacts, documents, sculptures and museum contents. Thus, studying European History through the Museum Virtual Tour 360 website is a breakthrough that needs to be made by history lecturers in the era of technological progress and digitalization.

Keywords—Reasoning imagination, Historical Education, European History, Digital Museum, Virtual Tour

I. PRELIMINARY

Since the last 10 years the problem of historical education is still trapped in the question of the meaning of the values contained behind the narrative (Yilmaz, 2008, p. 45; Conway, 2015; Burstein, 2019). Even such problems, according to Hasan (2013) do not shift in the expected direction even though approaches and learning methods are increasingly varied in the development of our education world. Historical education, especially in Indonesia, is trapped in an alarming problem (Harits, 2016). So, looking at yourself becomes a demand for philosophical thinking for various philosophical, pedagogical, didactic, and methodical practices carried out by historical education and history educators (Bandarsyah, 2019, p. 66).

Education and history educators need a knife set of analysis and a new paradigm developed from what is owned and carried out so far in order to be able to answer the demands of the continued role of science and science in society and nationality (Bandarsyah, 2019, p. 66). This is in line with the opinion of Kartodirdjo (1992, p. 14) that history is a construct compiled by the author as a story. Historical construction is a thought process so that the past can be understood. Learning history should not only be a vehicle for developing intellectual abilities and pride in the past (Hasan, 1999, p. 9), but rather events in the past must be used as good teachers to improve lives in the present and the future.

II. DISCUSSION

Virtual Tour or also called panoramic tour is a simulation of a place that really exists, usually consisting of a collection of 360 degree panoramic photos, a collection of images connected by hyperlinks, or videos, can also use other multimedia elements such as effects sound, music, narration and writing. Unlike

the actual tour, Virtual Tour is usually accessed through a desktop computer. The term virtual tour is often used to describe various kinds of video and media based photography. The word "panorama" indicates an uninterrupted view, because the panorama can be in the form of a set of elongated photos or the results of a video shoot whose camera is rotating/shifting (Yuliana and Lisdianto, 2017).

Through the Virtual Tour 360 Museum, learning history in students in the Historical Education Study Program FKIP UHAMKA becomes more alive. Because, students can fulfill their curiosity and feel the sensation of visiting directly to Europe just by moving the mouse. The following piece of image is the result of screen shots from Museums Louvre that we have visited.

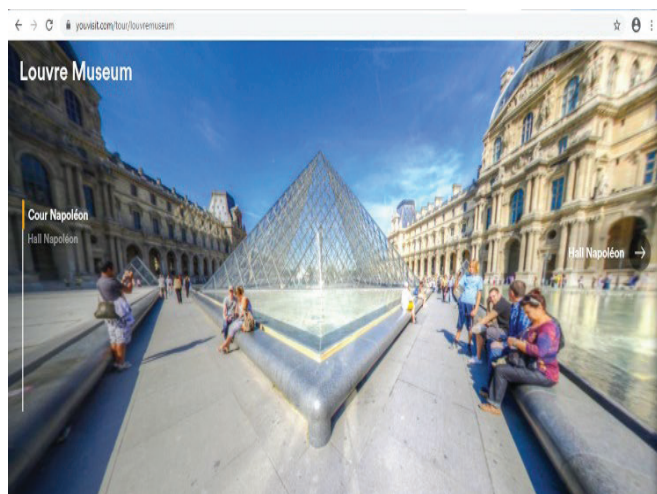
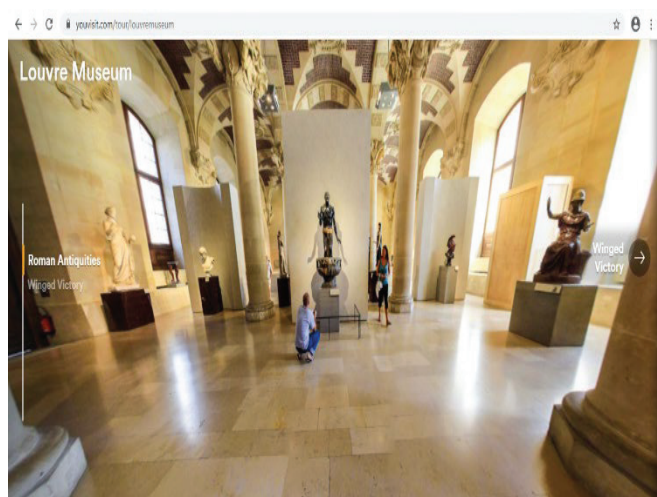


Figure 1.1 The atmosphere in front of the Louvre Museum icon



Based on the picture piece, the students in studying European history became very enthusiastic. Visiting France to see traces of its history is a dream that is difficult to achieve. However, technological sophistication has now penetrated the limits of human incapacity that had never been imagined before.

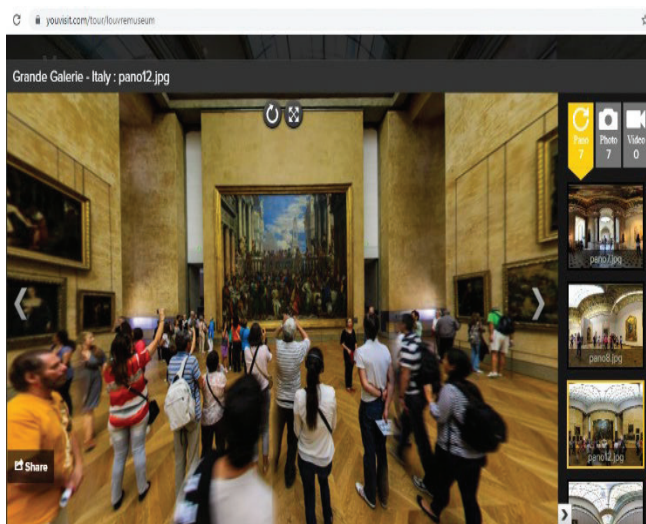
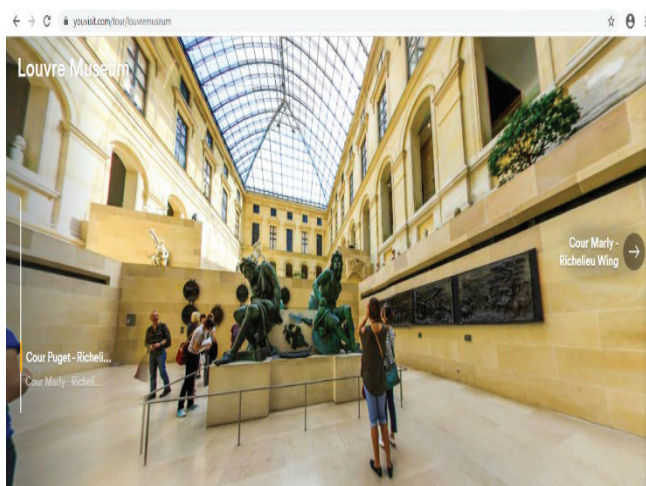


Figure 1.2 Collection of the Grande Galerie room, Italy in the Louvre Museum



Breakthroughs like this that will transcend the age. History will be more alive, on the other hand is able to bring up historical awareness which is the highest peak in exploring the past as future binoculars for the generation of a country.

III. CONCLUSION

With historical education based on progress and adaptation to technological sophistication in the form of the Virtual Tour 360 Museum, we are introduced to things that have not been experienced and seen before, so we need lecturers or instructors who can help students see the past that we have never experienced as an outer skin from important issues that still exist today. Because the results of history learning make students with strong personalities, understand something in order to determine their attitudes. The importance of understanding of history for daily life makes students have the tools to uncover the secret veil of European society's influence on the world, especially Indonesia.

REFERENCE

- [1] Bandarsyah, Desvian, Fondasi Filosofis Pendidikan Sejarah di Era Post Truth, *HISTORIA: Jurnal Pendidik dan Peneliti Sejarah*, 3 (1), 2019, DOI: 10.17509/historia.v3i1.21042.
- [2] Conway, Michael, The Problem With History Classes, <https://www.theatlantic.com/education/archive/2015/03/the-problem-with-history-classes/387823/> 2015.
- [3] Harits, Imron Wakhid, Indonesia Education Today: Dating Back Its History of Islam and Imparting European Education System, *Asian Social Science*, Vol. 12, No. 5, 2016, doi:10.5539/ass.v12n5p179
- [4] Yilmaz, Kaya, 2008, A Vision of History Teaching and Learning: Thoughts on History Education in Secondary Schools, *the High School Journal*, Volume 92, Number 2 DOI: 10.1353/hsj.0.0017.
- [5] Burstein, Rachel, The Problem With How We Teach History, <https://www.edsurge.com/news/2019-11-04-the-problem-with-how-we-teach-history>, Nov 4, 2019.
- [6] Hasan, Said Hamid, History Education in Curriculum 2013: A New Approach to Teaching History, *HISTORIA: International Journal of History Education*, Vol. XIV, No. 2, 2013.
- [7] Hasan, Said Hamid, Pendidikan Sejarah untuk Membangun Manusia Baru Indonesia, *Mimbar Pendidikan*, Nomor 2, Tahun XVIII, 1999.
- [8] Yuliana, Ade dan Lisdianto, Eko, Aplikasi Virtual Tour sebagai MediaPromosi Objek Wisata di Stone Garden Kab. Bandung Barat, *KOPERTIP: Jurnal Ilmiah Manajemen Informatika dan Komputer*, Vol. 01, No. 01, Februari 2017, ISSN: 2549-211X.



UNIVERSITI
TEKNOLOGI
PETRONAS

CERTIFICATE

— OF PARTICIPATION —

This is to certify that

Mr. Sulaeman

has participated in

**International Conference on Computer & Information Sciences
(ICCOINS)**

a conference of



as a

Paper Presenter

on

13 – 15 July 2021

Professor Ts. Dr Mohamed Ibrahim Abdul Mutalib
Vice Chancellor of Universiti Teknologi PETRONAS
cum
Chairman of ESTCON 2020