

Moodle Based Project Citizen: Shape Civic Virtue Character

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Abstract: The deterioration of education and the low motivation of learning of students become a crucial problem at this moment, the essence of education is fading over time, especially during the Covid-19 pandemic. Civic Education which belongs to the social science becomes one of the boring subjects and is not in demand by students. Whereas civic education is a subject that contributes greatly to shaping the character of good citizens. As an effort to improve the quality of education, motivation to learn, and restore students' learning interest in civic education subjects at the secondary school level, a moodle-based project citizen learning model was introduced to shape civic virtue character. Students will be given the freedom to choose problems that occur around their environment, be it moral problems, government policies, or environmental issues that must be solved by students, and take concrete action to deal with the problem. The results of the findings of problems and solutions put forward by students to overcome and deal with the problem, then made interesting portfolio clippings to be presented. This research uses a qualitative approach with a case study method at SMA Pasundan 8 in applying the project citizen learning model. The results showed character changes in students. Students have high learning motivation, aware of the problems of the surrounding environment, can provide solutions in solving all problems encountered, especially those related to civic education subjects so that students have done civic engagement and formed the character of civic virtue.

Keywords: *Project Citizen, Moodle, Civic Virtue.*

Introduction

The deterioration of education and the low motivation of learning of students become a crucial problem at this moment, the essence of education is fading over time, especially during the Covid-19 pandemic. Civic Education which belongs to the social science becomes one of the boring subjects and is not in demand by students. Whereas civic education is a subject that contributes greatly to shaping the character of good citizens. The problems facing Indonesia in the field of education illustrate how low the quality of education in the country. Educational innovation is needed to address these problems. One of the problems that become the urgency of education is incompetent teachers. Incompetent here are teachers who do not have competence or expertise in their fields and teachers who cannot keep up with the times in the digital age, especially in the Covid-19 pandemic that requires using distance learning models with a media learning management system. Moodle-based project citizen is the right educational innovation in facing educational challenges in shaping the morale of students during the Covid-19 pandemic at this time. The project citizen learning model can hone the intellectualism and ethics of learners in learning subjects, especially civic education subjects. Moodle becomes a technology-based media used by teachers in delivering materials using the project citizen learning model.

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Based on the background presented above, the problem formulation of the writing of this article is how the model of learning project citizen in civic education subjects based moodle in the Covid-19 pandemic?

Literature Review

The Learning model *Project Citizen* is an instructional *treatment* problem-based to develop knowledge, skills and character of democratic citizenship that enables and encourages *civil society* in its goal of making *civic virtues*. *Project Citizen* is a learning model that was first used in California (USA) in 1992 then developed into a national program by the *Center for Civic Education (CCE)* and the National Conference of State Lawmakers in 1995 (Budimansyah, 2009). *Project Citizen* was developed from a critical or reflective approach model pioneered by John Dewey with the paradigm *how we think*.

The Learning model *Project Citizen* aims to actively train students in solving problems in schools and government and in the communities where they interact. The role of the teacher in this learning model is as an instructor and facilitator who provides students with new sources of information, helps make contacts and equips students when conducting research (Budimansyah, 2009 :).

The instructional strategy used in this model is basically based on the strategy of "*Inquiry Learning, Discovery Learning, Problem Solving Learning, Research Oriented Learning*" which is packaged in the model "*Project*" John Dewey. The advantages and advantages of learning *Project Citizen* according to Haryati and Rohman (1998) are (1) students are connected to real-world events and problems; (2) students integrate various related concepts and ideas; (3) encouraging students to use knowledge and skills from various scientific disciplines; (4) encourage students to learn to work together with peers in a group.

Suabuana (2010) through his research on the Development of State Defense Value Education in Citizenship Education in Higher Education through the Learning Model *Project Citizen* found that in general classes using *Project Citizen* were better than classes held conventionally. According to the results of the research analysis, it can be concluded that the development of critical thinking in Citizenship Education learning using the *Project citizen* on the indicators of the control group learning model obtained an average value of 64.1. Whereas for the experimental group 114.55. This indicates that the experimental group or *Project Citizen* is better than the conventional model. learning is *Project Citizen* carried out in the following steps: (1) identifying public policy problems in society; (2) choosing a problem to be studied by the class; (3) gather information related to the matter; (4) develop *Project Citizen* class; (5) presents a *project citizen*; (6) reflecting on learning experiences (Budimansyah, 2009).

Next up, moodle is a name for an application program that can change a learning medium into a web form. This application allows students to enter the "digital classroom" to access learning materials. By using Moodle, we can create learning materials, quizzes, electronic journals and others. Is a software package produced for internet-based learning activities and websites that use the principles of *social constructionist pedagogy*.

Moodle is an application of teaching and learning concepts and mechanisms that utilize information technology, known as the concept of electronic learning or *e-learning*. Moodle can be installed on any computer and operating system that can run PHP and supports SQL databases. As an LMS, Moodle has features that are typical of most LMSs plus some excellent features. These features are:

1. Assignment submission: This facility is used to provide assignments to online learning participants. Learning participants can access assignment materials and collect the results of their assignments by sending files of their work results.

2. Discussion forum: An online discussion forum can be created to discuss a learning material. Between the instructor and the learning participants can discuss learning topics in a discussion forum.
3. Chat: This facility is used to carry out the chat process (online conversation). Between the teacher and learning participants can do text dialogue online.
4. Online quiz: With this facility it is possible to take exams or tests online. Download the archive.
5. Rating.
6. Online calendar.

One example of using Moodle, the Open University in the UK, has shown that a Learning Management System can be equally seen as "pedagogical learning neutral". Moodle's approach to philosophy including constructivity and social construction is for education, emphasizing that learners (and not just teachers) can contribute to the educational experience. Using pedagogical principles, Moodle provides a flexible environment for the learning community. So seen from the characteristics of moodle, the learning model *project citizen moodle-based* received a positive response from students.

Then, the virtue of citizenship or what is generally termed *Civic Virtue* as stated by Quigley (Winataputra, 2012) is the willingness of citizens to place public interests above personal interests. *Civic Virtue* or citizenship virtue consists of two elements, namely citizenship character and civic commitment. The character or character of citizenship refers to the attitude of citizens and a number of habits in supporting the development of social functions and guarantees the public interest. Meanwhile, civic commitment refers to the willingness of citizens to consciously uphold and accept the values and principles of democracy (Sofiyah, 2017).

Meanwhile, according to Winataputra (2012) *Civic Virtue* or civic virtue includes the active involvement of citizens, mutual trust and tolerance, solidarity, cooperative life, egalitarianism, and social spirit. Then Quigley (Sujana, 2019) describes the *Civic Virtue as* consisting of traits and characters, dispositions, and commitments that are important for the maintenance and improvement of democratic citizenship and governance. *Civic Virtue* can be in the form of respect for the values and dignity of each person, integrity, tolerance, self-discipline, compassion and patriotism. Therefore, *Civic Virtue* will form a person who is able to respect others (civility), has a sense of responsibility and discipline as a citizen, is empathetic and cares about citizenship and humanitarian issues, is tolerant and open to differences, is patient and obedient to state regulations. If a number of these characteristics are embedded and incarnate in citizens, the relationship between citizens and the state will get better and a trust will be built (Sujana, 2019). *Civic Virtue* can be said to be the ultimate goal of Citizenship Education, namely the formation of citizenship virtue in every citizen that is in accordance with the democratic system and in line with the ideology of the state adopted.

Research Methods

This study conducted a qualitative approach, which aims to understand a social situation, events, roles, interactions, and groups. According to John W. Creswell, an educational psychologist from the University of Nebraska, Lincoln (1994, p. 150) "The Qualitative Approach Method is an investigative process". According to Husein Umar (1999, p. 81), This qualitative method "provides up-to-date information so that it is beneficial for the development of science and more can be applied to various problems".

This study uses a case study design, in the sense that this study is focused on one phenomenon that is chosen and wants to be understood in-depth, by ignoring other phenomena. According to Nasution (1996, p. 11) suggested that qualitative research is often a case study.

While according to Arikunto (1996, p. 129) "case study research is research conducted intensively, in detail, and depth against an organization, institution or certain symptoms". Reviewed from its territory, case study research only covers certain areas or subjects that are very narrow, but judging from the nature of the research, case study research is more in-depth. The case that became the subject in this study is the application of the moodle-based project citizen learning model at SMA Pasundan 8 Bandung.

The purpose of the study using case study design according to Cholid Narbuko and Abu Achmadi (2009, p. 46) "is to intensively study the background, current circumstances, and environmental interactions of a social unit, individual, group, institution or society". The authors used a case study design to implement the moodle-based project citizen learning model at SMA Pasundan 8 Bandung, with the hope that researchers can optimize online learning during the Covid-19 pandemic through moodle and shape the civic virtue character of learners.

The object of the study is the object intended to be researched by researchers. In this study, the object of his research was SMA Pasundan 8 Bandung. While the subject according to Arikunto (2006, p. 145) "the subject of research is the subject that is intended to be studied by researchers". In qualitative research, the subjects of the research are those who are the target of research or sources that can provide purposively selected information with a specific purpose. The subjects in this study were students at SMA Pasundan 8 Bandung.

Data collection methods are techniques or ways that can be used by researchers for data collection. Techniques in pointing to a word that is abstract and not manifested in objects, but can only be seen its use through questionnaires, interviews, observations, exams (tests), documentation, and others. Data collection activities in principle are activities to use methods and instruments that have been determined and tested validity and reliability. Simply put, data collection is defined as a process or activity conducted by researchers to uncover or capture various phenomena, information, or conditions of the research site following the scope of research. In practice, data collection is carried out through quantitative and qualitative research approaches.

Data collection can also be interpreted as a research activity to collect several field data needed to answer research questions (for qualitative research), or test hypotheses (for quantitative research).

Findings & Discussion

Moodle is a name for an application program that can convert learning media into the web form. The app allows students to enter into a "digital classroom" to access learning materials. By using Moodle, we can create learning materials, quizzes, electronic journals, and others. Moodle itself stands for Modular Object-Oriented Dynamic Learning Environment.

The project citizen learning model is a problem-based instructional treatment to develop the knowledge, proficiency, and character of democratic citizenship that allows and encourages civil society in the aim of making civic virtue. The model was first used in California in 1992 and later developed into a national program by the Center for Civic Education (CCE) and the National Conference of State Lawmakers in 1995.

In short, the definition of industry 4.0 is a trend in the industrial world that combines automation technology with cyber technology. In industry 4.0., manufacturing technology is already in the trend of automation and data exchange. These include cyber-physical systems, the Internet of Things (IoT), cloud computing, and cognitive computing.

Project citizen is very closely related to the subjects of Civic Education. In addition to the characteristics of the project citizen learning model that can be an innovation in the field of education amid the Covid-19 pandemic, the project citizen learning model also encourages students to have the skills and character of democratic citizenship following Pancasila and the 1945 Constitution as the basis of the state. Project citizen becomes part of civil society, namely

civil society that develops incivility to advance the country as a form of an obligation of a good citizen. Civil society is closely related to making civic virtue citizens who, out of awareness, are willing and able to participate in the development and defense efforts of the state voluntarily and initiatives arise from within themselves without any coercion from any party.

Moodle-based project citizen learning model is an application-based learning model that can realize the main objectives of Civic Education subjects, namely to make good citizens, comply with the rights and obligations of a citizen as part of civil society in realizing civic virtue citizens. So the appearance of the moodle-based project citizen above is a substitute for conventional project citizen that uses cardboard or commonly called a map of the unveiling. Moodle-based project citizen learning model is very appropriate to be an educational innovation to improve the competitiveness of the nation even in the pandemic covid-19.

Civic Education is one of the compulsory subjects from elementary school to higher education. Citizenship Education should pay attention to the development of students' values, morals, and attitudes. The mission of Citizenship Education itself is to educate the life of the nation. Citizenship Education is a study of daily life, teaching how to be a good citizen, a citizen who upholds the values of Pancasila which is the basis of the Indonesian state based on Indonesia's highest constitution, the 1945 Constitution.

Civic Education subjects that are qualified for the meaning of national and state life become more and more integrity by using creative and innovative learning patterns. Through the learning model of project citizen, Civic Education subjects become more meaningful. Because in the era of Covid-19 pandemic, conventional learning systems are considered no longer effective for teachers and students. Learning does not have to be face-to-face in the classroom, students can access the subject matter anywhere and anytime. Through creative and innovative learning models and media, moodle-based project citizen can improve the meaning of Civic Education learning that examines the rights and obligations of citizens to realize good citizens to build a civilized nation through a fun learning model based on technology.

Students will be given the freedom to choose problems that occur around their environment, be it moral problems, government policies, or environmental issues that must be solved by students, and take concrete action to deal with the problem. The results of the findings of problems and solutions put forward by students to overcome and deal with the problem, then made interesting portfolio clippings to be presented. This research uses a qualitative approach with a case study method at SMA Pasundan 8 in applying the project citizen learning model. The results showed character changes in students. Students have high learning motivation, aware of the problems of the surrounding environment, can provide solutions in solving all problems encountered, especially those related to civic education subjects so that students have done civic engagement and formed the character of civic virtue.

This is evident from the positive response of students who showed constructive progress through the moodle-based project citizen learning model in the era of industrial revolution 4.0. as evidenced by the increasing awareness of learners in carrying out their rights and obligations as citizens, willing and able to participate in efforts to develop the country, and advance the country in civilized ways. So that the efforts of teachers in shaping students to become civic virtue citizens are helped by the meaningful learning process of Civic Education using moodle-based project citizen.

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