

## A STUDENT'S PORTFOLIO ONLINE-BASED ASSESSMENT: THE CASE OF UNIVERSITAS NEGERI SEMARANG

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### ABSTRACT

*Lecturers of private and commercial law in faculty of law at Universitas Negeri Semarang need supporting facilities to control and to guarantee the quality of their graduates, so it is necessary to innovate in developing a tool in the form of an application which can help lecturers and students in monitoring the final project completion progress. The resulting application will be helpful in monitoring relating to the number of students who are still in the final project stage, the time taken, the student's final project completion development progress, and the renewal of title. All of these elements will be presented simply and guaranteed validation. The aim is to be able to help institutions, especially the private and commercial departments in accessing and detecting students who are in the completion stage or have completed their final project. This article uses empirical research methods and is presented descriptively. The result of this research is the existence of an application that can display graphic information about the progress of the final project completion which is automatically displayed through an online-based application by inputting as data and scientific evidence. In the end, it not only helps lecturers to control and guarantee the quality of graduates but also provides access and convenience to obtain valid information about the number of students who have not completed or have completed their final project.*

*Keywords:* Application, Quality of Graduates, Final Project Completion, Valid.

### INTRODUCTION

The Faculty of Law, Universitas Negeri Semarang (Unnes) is one of the state universities in Indonesia with the predicate of excellent accreditation. This predicate does not just stick with the Faculty of Law Unnes, because to be able to obtain it requires cooperation from various parties, one of which is students. The quality of faculty of law Unnes graduates can be seen from the quality of the final project that can be completed through a process of guidance. Good writing is writing that does not only replace objects but also finds new problems that can help in the development of science or help detect problems related to regulation and implementation (*das sein* and *das sollen*). In terms of detecting process, the student's making final project, in this case, the faculty focuses more specifically on the private and commercial department, must be firm in rejecting and accepting final project proposals that only replace objects without new problems, as well as controlling students who take too long to complete their final project.

Qualified graduates can also be seen from the completion period of their final project because students who can complete their final project on time can immediately obtain a bachelor of law degree. Even though the Faculty of Law Universitas Negeri Semarang (Unnes) graduates have occupied many good positions in both government and private agencies such as Abduh Sasmito who works as a PTUN Judge, Ulhaq Andyaksa who works as a lawyer, Nabilla Afinannisa as a Legal Compliance Officer at PT. Permodalan BMT, or Fransman Ricardo Tamba who works as a prosecutor, as well as many other alumni of the Faculty of Law UNNES who can compete in the work world, but still need to evaluate the control system in the final stage or final project stage so that they do not complete the final project too long and have the appropriate quality with their scientific field.

Based on the research conducted, there are still a lot of graduates who exceed six months in completing their final project, ranging from student factors who do not immediately revise revisions, students who have difficulty understanding the material, or even students who are afraid of their lecturers, this is very worrying if it continues and it is difficult controlled. If it can be controlled, it will be directed by students so that they do not take too long to complete the final project, because if it takes a long time to complete the final project it will be very troublesome because based on the stipulation that one lecturer can only guide ten students to maintain quality, 1 If the queue is too long, other students will also be hampered, and in the current number of lecturers guiding students, it will be difficult to implement the provisions of these regulations.

Now on based on data from the University the number of active students at the Faculty of Law UNNES is 1896 students (Sistem Data UNNES, 2020). Based on the many numbers of students, coupled with the conditions of the Covid-19 pandemic that occurred since the beginning of 2020 in Indonesia, which in turn resulted in lectures being conducted virtually, the need for an easy application system is needed to support the implementation of the lecture process and the final project process in an integrated and easy to control. The way to find out the number of students who have not completed final project or who have completed final project is to click one by one to find out because the three department at Faculty of Law UNES, namely the criminal, HTN-HAN, and private and commercial departments are combined into one data, so to find out must take it slowly. If there is an application that helps the private and commercial department, especially the head department, to be able to click on students who have not finished their final project or how many months have not finished their final project or the lecturers' control so that they do not guide too much so that quality is maintained, it will be very easy to control. This will be able to help maintain the quality of

graduates, both in terms of the graduates themselves or the concentration of supervisors so that they are not too divided because they guide too many final projects so that it affects the graduates.

Based on the background of the problem that has been stated by the research team, the formulation of the problem that will be the main issue in problem-solving in this study is "Online-Based Applications that can Support in Monitoring the Progress of Private and Commercial Students' Final Project, Faculty of Law, Universitas Negeri Semarang"

## **RESEARCH METHOD**

This study uses an empirical method so that data in the form of interviews and observations are the main sources, to complement the data, supporting literature is needed. Based on this, what needs to be done is the collection of literature, both directly and indirectly related to the research to be carried out. Researchers have obtained articles related to applications and the needs of qualified graduates, parties who can help make applications, as well as rules related to the final project completion period from the Ministry of Education and Culture (Kemendikbud). Furthermore, from the references that have been obtained, it will be classified based on needs.

The next most important stage is to obtain data in the field by conducting observations and interviews with respondents and informants by preparing research instruments in advance so that they are more focused without closing the possibility of questions outside the instrument.

## **RESULTS AND DISCUSSION**

### **a. Overview of Final Project**

Students who will complete their studies and before obtaining a bachelor's degree must go through the final stage, that is completing a final project 3 Final Project is the final stage for the undergraduate level 4 which must be completed by students, as well as for prospective bachelor degree of law who are also required to complete the final project.

Faculty of Law UNNES also has a policy regarding student final assignments which are also in the form of a final project. Before determining the title and supervisor, students are required to pass a title submission, in this stage the role of the private and commercial law head department is important to approve or not a title and whether the relevant lecturer is referring to has a field that is following the student's theme and related to the title, there is certainly an element of renewal, not only different objects, besides that the head department before determining the supervisor for the student who will make final project must also ensure that the lecturer is not currently the supervisor of ten student final project titles which are still not finished, because based on Article 10 paragraph 3 of the Rules The Minister of Education and Culture of the Republic of Indonesia Number 3 of 2020 Regarding National Higher Education Standards, lecturers can only guide a maximum of ten students as the main supervisor to ensure the quality of the student final project. Therefore, it is important to be able to do direct control.

The duty of the head department which must be carried out carefully hence it will be difficult to carry out if to detect the year the student class is completing a final project in the private and commercial department cannot be clicked and the name, class, supervisor, and how long it has taken to make the final project. The temporarily available system is a combination of the three major parts of the Faculty of Law UNNES, namely private and commercial, criminal, and HTN-HAN, it will be burdensome if one by one is examined. It would be easy if the private and commercial head department clicked on the private and commercial department then there was a category of students who chose the private and commercial that had not passed after taking the final project, so that the class, duration, supervisor, and title were immediately detected. Besides making it easier for the head department, it will also help track the reasons students are taking too long to complete their final project in terms of what it can be in terms of lecturers or students themselves so that it will be easy to make repairs.

### **b. Qualified Graduates**

The quality of human resources in the field of law is closely related to the quality of law colleges which is the background so that the quality of law enforcers or professions based on basic legal knowledge needs to be improved from an educational point of view. 5These competent teachers will produce qualified graduates in preparing excellent and character human resources. 6However, it will not be sufficient only from adequate human resources, but also having sophisticated technology so that it can compete in an increasingly advanced world, as well as for the Faculty of Law UNNES.

Faculty of Law UNNES graduates who will hold a Bachelor of Law (SH) degree should have good quality because Faculty of Law UNNES is one of the state university with a Law study program based on the National Accreditation Corporation for Higher Education (BAN-PT) No. 324/SK/BAN-PT/Akred /S/V/2015 which has accreditation "A". BAN-PT accreditation is a measure of the quality of higher education in Indonesia. Based on this, it is fitting for the public to think that graduates of the Faculty of Law UNNES will be able to compete in the work world to obtain decent work for their future life.

The quality of graduates can be seen from several indicators, in which the researcher focuses on the final project. The reason is a final project as the final stage of a student before getting a bachelor of a law degree, so it will be seen how long the student works on and final project final title appointed by the student, then it is linked with graduates who have worked in both private and government agencies related to the length of time they have worked on the final project, final project title, as well as the participation of supporting courses that have been learned is useful or not in the work world.

Student performance in making and completion of the final project is also important to be in the spotlight to provide quality of graduates. Based on the primer research conducted by the researcher by giving random questions to several private and commercial lecturers, it is concluded that the factors that hinder student performance come from the students themselves, starting from their weak enthusiasm in making final project so that the completion time is long, also the repetition of problems that have been discussed by other students. Besides, the problem of methods and references is still lacking, also related to the use of everyday language and not academic or scientific language.

The next problem, based on what was experienced by the private and commercial department, especially by Aprila Niravita as the private and commercial head department, no system could help calculate the number of private and commercial students who were supervised by one lecturer, so had to open files one by one or it could be called manual counting. Also, related to the length of student guidance, there are difficulties in controlling or supervising it because the system must be opened one by one, therefore it cannot process data quickly to guide the next final project. Even though information related to students is updated every month, to find out quickly the number of students who have spent one semester on their final project or the supervisor is guiding how many students should be checked and opened one by one, it cannot be known immediately. Based on the provisions of the Indonesian Ministry of Education and Culture (Permendikbud), it should be an application that can help in calculations that are in line with this provision. The web application has the convenience of being able to provide the availability of client application (in this case for the private and commercial department) so that it is easy to access and detect data (Zia'ulhaq, 2014). The web browser is an application on the client-side that can be used to translate and also display information from the server graphically, so that it will help the head department, which in this case is intended not only to follow students desire to be guided by but also related to science and the student's ability is adjusted to the supervisor's, do not let the student guidance from one of the supervisors increase so that it is no longer proportional in terms of the amount of guidance or quality because it is divided by the number of students (Tambuwun, 2020).

In the end, in controlling the number of students who are completing their final project, it turns out that all parts of the Faculty of Law UNNES, it means that cannot be detected only in part so that when we will find out how many students have not graduated, class and the title is similar or not, who is the supervisor has to check and open one by one, cannot just click on the private and commercial department that is completing the final project and show everything that has passed the deadline and those who are still on time in the private and commercial department. This will make it difficult for the private and commercial head department to control one by one the students who have passed the time, it will be very difficult if you have to check one by one. Therefore, the application will be intended to make it easier for the head department to control both prospective graduates and graduates in their department.

### **c. Support for Facilitating Control/Supervise of Students' Final Project**

Final project support is something that can support or help, in this case, the support is needed by the private and commercial department to be able to control students. Control can not only be done directly or manually checking, but also through technological sophistication so that once you open a computer or other device that is connected to the internet and then open the application, control can be done.

According to Data, an application is software created by a computer company to carry out certain tasks, for example, Microsoft Word or Microsoft Excel applications (Supardi, 2012). In line with Buyens, the application is a software unit that serves the needs of several activities<sup>10</sup>. Another opinion stated that the application is a processor, it can be concluded that the application is a program designed to help alleviate human tasks in processing or doing their work. If associated with a computer, the application is software in a computer program written in a programming language and functions to carry out commands according to the application maker or user's desires, for example, it can be a word data processing program, worksheet data, and media data (Fitho, 2020). In the end, it can be understood that computer applications will make it easier for users to do something with a computer/laptop.

Applications are needed by everyone in facilitating their work, both government agencies, the private sector, and individuals cannot be separated from technological development so they need applications that can help them. Especially for the private and commercial department Faculty of Law UNNES, an application that can make it easier to help the department, especially the private and commercial law head department to be able to control prospective graduates and graduates, must be owned.

The resulting application is continued by registering the copyright. The understanding of copyright is starting from someone's creation is the result of creativity and ideas that produce copyrighted work (Setiawan, 2018). Based on the provisions of Article 1 number 1 of Law Number 28 the Year 2014 concerning Copyright, the definition of copyright is an exclusive right for the right recipient or creator automatically based on the declarative principle after work is manifested in real form without reducing the imposed restriction regulations. Computer programs including applications are subject to copyright protection, <sup>13</sup>so related intellectual property rights can be registered under copyright. Thus, the application produced by the private and commercial department is an application that makes it easier for the private and commercial department, especially the head department, in controlling prospective graduates or graduates. It is not impossible that what is produced by the private and commercial department will be an example for other departments so that it is also useful for institutions as an example of the convenience of using technology, especially computer programs and applications.

#### **d. Supervision System for Prospective Graduates of the Private and Commercial Law Department**

Technology is present as a supporting tool in facilitating human work. It means that technology is created to make everything much more effective and efficient. In overcoming the problem of the ineffectiveness of a working system, technology provides a solution. This innovation is an online-based application in the form of a website. Innovations related to supervision or monitoring are not something new. Similar applications have been widely used in controlling various things ranging from population numbers, health data, budget recapitulation, and case developments. The renewal is the object being observed and how to obtain the data.

This application offers a mutualism concept in which both lecturers and students, find it easy to monitor the progress of the final project development. So, through this supervision, it is hoped that the quality of students' work or research results can be qualified. In its implementation, students are asked to input data related to the final project such as name, student identification number, topic, title, supervisor identity, decision letter (SK) number, and the progress of the development of each guidance. The entire data will be recorded by the system and processed into a graphic. Not only in visual content but this application will also be able to provide an alarm setting for students to do guidance according to the agreement by the lecturers and students (either once a week or twice a week). The alarm settings will be connected directly to the Google Calendar which automatically appears on each calendar on each student's smartphone.

The objects observed in improving graduate's quality of the private and commercial law department of the Faculty of Law, Universitas Negeri Semarang is:

1. The number of students who are still in the final project stage;
2. The time is taken;
3. The development progress of the student final project completion;
4. Renewal of title.

The first point regarding the number of students who are still in the final project stage, it will monitor how many students are still in that stage. Thus, this can help the head department to facilitate finding out student data and the recapitulation of the workforce per batch for further evaluation. Second, time is taken. Time provides a portion of forming a qualified final project. Related to this, there will be a threshold regarding the minimum and maximum limits of final project completion. This aim is to control student enthusiasm in the completion process and provide moral support through the various notifications provided. Third, the progress of the final project completion. This progress is related to simple data input regarding the guidance carried out following the notification. When the notification comes in, it will appear regarding the final project guidance in the next hour. When the guidance has been carried out, students are expected to input data. If guidance has been done, it will show a stable graph. If students pass the guidance, the graph will automatically go down, whereas if the student has made revisions, the graph will go up. Finally, the renewal of title. The renewal of this title is to determine that the final project titles taken by students do not overlap or simply replace the object of research. Rather, it has good quality to guarantee graduates quality of the Faculty of Law, Universitas Negeri Semarang.

This application comes with offering various facilities and effectiveness in the completion and monitoring of final project progress. So, it not only makes it easier for lecturers but also helps students in setting targets and completing theses. Besides that, this application will be processing student data to form the best and qualified graduates in the Faculty of Law.

#### **e. Supporting supervision for prospective graduates of the Private and Commercial department of the Faculty of Law, Semarang State University**

Supervision is carried out for prospective graduates of the private and commercial department of the Faculty of Law, Universitas Negeri Semarang, through monitoring the completion of final research for undergraduate, namely the final project. This supervision is carried out with four objects, they are the number of students who are still in the final project stage, the time is taken, the development progress of the student final project completion, and the renewal of title. The supervision is carried out in the form of data on the development process of the student's final project completion through data obtained from the results of data input carried out by students. This projection will determine the development of student guidance and can be used as an evaluation material for the head department in monitoring students.

The mechanism is students' input data following the results of the agreement between supervisors and students in the application of the private and commercial department of the Faculty of Law UNNES that has been provided. To ensure the quality of graduates, there will be a threshold in the completion of the final project, with a minimum time of three months and a maximum time of twelve months or the equivalent of two semesters. This is intended so that no student is too relaxed or does not take research seriously. It hopes that with this encouragement, students can be motivated to complete their final projects quickly and with quality. In terms of the development progress of the final project completion, this progress is related to data input by students regarding the guidance carried out following the notification that has been connected to the Google calendar. When the notification comes in, a notification about the final project guidance will appear in the next hour or it can be adjusted again in the "settings" menu. When the guidance has been carried out, students are expected to input data to be monitored by the head department. The progress of the student's final project will automatically be read in the application system based on the data input, such as the final project title, student's name, class, supervisor's name, the amount of guidance by one supervisor, and the guidance duration has taken place. Monitoring which is carried out through the application of the Faculty of Law for the private and commercial department will make it easier for the head department, lecturers, and students to monitor the progress of the final project completion easily and simply.

## CONCLUSION

Supervision of students in the private and commercial law department is one concrete form of the institution's concern for qualified graduates. The final project as one of the requirements for obtaining a bachelor's degree becomes a benchmark in determining the quality of students. Quality research is research that does not only replace objects but also finds new problems that can help in the development of science or detect problems related to regulation and its implementation. Besides that, qualified graduates can also be seen from the completion period of their final project. This supervision is carried out by emphasizing four objects, namely the number of students who are still in the final project stage, the time is taken, the development progress of the student's final project completion, and the renewal of the title. Supervision is carried out in the private and commercial website for the student final project completion process through data obtained from the results of data input conducted by students and supervisors.

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